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BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Modernize the Electric Grid for a High Distributed Energy Resources Future.	Rulemaking 21-06-017

2023 GRID NEEDS ASSESSMENT AND DISTRIBUTION DEFERRAL OPPORTUNITY REPORT OF SOUTHERN CALIFORNIA EDISON COMPANY (U 338-E)

PUBLIC VERSION

WILLIAM YU

Attorney for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-1634
E-mail: William.W.Yu@sce.com

Dated: **August 15, 2023**

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Pursuant to the California Public Utilities Commission (Commission or CPUC) Decision on Track 3 Policy Issues, Sub-Track 1 (Growth Scenarios) and Sub-Track 3 (Distribution Investment and Deferral Process), Decision 18-02-004, and the May 19, 2023 *Administrative Law Judge's Ruling on Recommended Reforms for the 2023 Distribution Investment Deferral Framework Process, the Partnership Pilot and the Standard-Offer-Contract Pilot,* Southern California Edison Company ("SCE") respectfully submits its 2023 Grid Needs Assessment and 2023 Distribution Deferral Opportunity Report in **Attachment A**.

As contemplated by the Administrative Law Judge's Ruling Addressing Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company's Claims for Confidential Treatment and Redaction of Distribution System Planning Data Ordered by Decisions 17-09-026 and 18-02-004, dated July 24, 2018, and Section 3.3 of General Order 66-D, SCE is concurrently filing a motion to submit under seal unredacted versions of these materials, based on customer privacy considerations, as set forth in the Declaration of Erik Takayesu attached to the motion.

Respectfully submitted,

WILLIAM YU

/s/ William Yu

By: William Yu

Attorney for
SOUTHERN CALIFORNIA EDISON COMPANY

2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770
Telephone: (626) 302-1634
E-mail:William.W.Yu@sce.com

August 15, 2023

Attachment A

Southern California Edison Company's
2023 Grid Needs Assessment & Distribution Deferral Opportunity Report

Grid Needs Assessment & Distribution Deferral Opportunity Report

Southern California Edison's Narrative 2023

August 15, 2023

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1. Executive Summary

Southern California Edison Company (SCE) hereby submits the narrative for its 2023 Grid Needs Assessment (GNA) report and 2023 Distribution Deferral Opportunity Report (DDOR) as directed by the California Public Utilities Commission's (Commission or CPUC) Decision (D.) 18-02-004 and Administrative Law Judge (ALJ) Rulings on Distribution Investment Deferral Framework (DIDF) reforms.[1]

The GNA report presents the forecasted load and distributed energy resources (DER) planning assumptions as well as the identified distribution and subtransmission needs that fall under one or more of the four distribution services: capacity, voltage/reactive power support, reliability (back-tie), and resiliency (microgrid). The DDOR presents SCE's planned investments that address grid needs identified in the GNA report and a shortlist of candidate deferral projects resulting from applying initial deferral screens to the planned investments. The candidate deferral project list is prioritized in a tiered format to be considered for potential deferral via SCE procurement of DER.

As discussed in detail later in this document, SCE has identified 414 grid needs, 260 planned investments[2], and 32 candidate deferral projects in its 2023 GNA/DDOR. Candidate deferral projects are prioritized into three tiers according to the prioritization metrics framework.

SCE has identified 10 Tier 1 projects. SCE recommends that Tier 1 projects move forward to one of the approved DER deferral sourcing mechanisms unless qualitative factors indicate that the successful deferral of a particular project would be highly unlikely, as discussed later in this section. Of the 10 Tier 1 projects, eight are recommending for DER deferral sourcing, and two will be potentially deferred through existing or expected DERs and are therefore not recommended for additional sourcing at this time. Tier 2 projects have increased uncertainties around the potential success of distribution deferral through a DER solution and, thus, may not be appropriate for deferral via DER procurement. Tier 3 represents the set of projects that SCE believes should not be considered for deferral at this time. Tier 3 projects are unlikely to be successfully deferred by DERs due to low relative cost effectiveness, forecast certainty, and/or market assessment scores or qualitative factors based on past distribution deferral through DER experience.

Table 1 summarizes the tiered results of SCE's 2023 candidate deferral projects, of which they are 32 in total.

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1 *See* R.14-08-013, *Administrative Law Judge's Ruling Modifying the Distribution Investment Deferral Framework Process*, issued May 7, 2019 (2019 DIDF Ruling); R.14-08-013, *Administrative Law Judge's Ruling Modifying the Distribution Investment Deferral Framework Process,* issued April 13, 2020 (2020 April DIDF Ruling); R.14-08-013, *Administrative Law Judge's Ruling Modifying the Distribution Investment Deferral Framework – Filing and Process Requirements*, issued May 11, 2020 (2020 DIDF Ruling); R.14-08-013, *Administrative Law Judge's Ruling on Recommended Reforms for the Distribution Investment Deferral Framework Process*, issued June 21, 2021 (2021 DIDF Ruling); R.21-06-017, *Administrative Law Judge's Ruling on Recommended Reforms for the Distribution Investment Deferral Framework Process, the Partnership Pilot and the Standard-Offer-Contract Pilot*, issued June 16, 2022 (2022 DIDF Ruling); and R.21-06-017, *Administrative Law Judge's Ruling on Recommended Reforms for the 2023 Distribution Investment Deferral Framework Process, The Partnership Pilot and the Standard-Offer-Contract Pilot*, issued May 19, 2023 (2023 DIDF Ruling).

2 There are 437 rows of data in the DDOR planned investment sheet. Some projects have multiple rows of data.

TABLE 1: SCE'S TIERED 2023 CANDIDATE DEFERRAL PROJECT SUMMARY

Tier	Project Description	Operating Date	Max Deficiency (MW)
Tier 1	Rebuild Elizabeth Lake-Pitchgen 66 kV Subtransmission Line *	2027	11.7
	Install Rector-Riverway No. 2 66 kV Subtransmission Line *	2028	30
	Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substat	2026	4
	Upgrade 2 Transformers at Washington 66/12 kV Substation	2026	12.1
	Upgrade Transformer at Vail 66/12 kV Substation	2026	1.5
	Install a New Transformer at Aqueduct 115/12 kV Substation	2027	19.13
	Install a New 12kV Circuit at Chino 66/12 kV Substation	2026	3.4
	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	2026	10.7
	Install Mira Loma-Corona 66 kV Subtransmission Line	2026	20
	Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	2027	14.1
Tier 2	Install a New 16 kV Circuit at Saugus 66/16 kV Substation	2026	5.7
	Del Valle Project: Construct a New 66/16 kV Substation and Construct New 16 kV Ci	2028	45.3
	Cal City Project: Construct a New 115/12 kV Substation and Construct New 115 kV Subtransmission Lines	2028	84.67
	Install a New 12kV Circuit at Archibald 66/12 kV Substation	2026	13.8
	Construct a New 12 kV Circuit at El Casco 115/12 kV Substation	2026	11.2
	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	2027	6.9
	Install a New 12kV Circuit at Modena 66/12 kV Substation	2027	9.1
	Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	2026	3.2
	Intall a New A-Bank and Split the Santa Clara 220/66 System	2026	125.0
	Increase La Cienega - El Nido - Tahiti 66 kV Subtransmission Line by Eliminating Limiting Components	2026	18.1
Tier 3	Alberhill System Project: Construct a New 500/115 kV Substation and associated 500 kV source lines and 115 kV lines	2029	347.0
	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	2026	35.1
	Install a New 12kV Circuit at Gonzales 66/12 kV Substation	2027	14.23
	Rebuild Santa Clara-Colonia 66 kV Subtransmission Line	2026	43
	Install a New Capacitor at Channel Island 66/16 kV Substation	2026	3.2
	Install a New 12kV Circuit at Goldtown 66/12 kV Substation	2026	14.67
	Install a New Transformer at Santa Monica 66/16 kV Substation	2026	24.6
	Install 2 New 12 kV Circuits at Ivyglen 115/12 kV Substation	2026	19.7
	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	2027	29
	Install a New 33 kV Circuit at Blythe 33/33 kV Substation	2026	12.4
	Install 2 New 12 kV Circuits at Glen Avon 66/12 kV Substation	2026	11.33
	Install a New Capacitor at Rio Hondo 220/66 kV System	2026	32

*Rector River-way and Elizabeth Lake-Pitchgen were not recommend for the 2023 solicitation, details provided in Other Projects.

D. 21-02-006 in the Integrated Distributed Energy Resources (IDER) proceeding (R.14-10-003) required investor-owned utilities (IOUs or Utilities) to recommend at least three projects for the Partnership Pilot, which is only open to behind-the-meter (BTM) DER technologies. SCE's Partnership Pilot selection methodology ranks candidate deferrals according to the available opportunities for customer enrollment in BTM DER programs. A second pilot, the

Standard Offer Contract (SOC) pilot, was also previously required, and was only open to in-front-of-the-meter (IFOM) DER technologies. It was terminated by a 2023 ALJ Ruling.[3]

Table 2 summarizes SCE's recommendations for the top-ranking candidate deferral projects.

TABLE 2: CANDIDATE DEFERRAL PROJECT RECOMMENDATIONS

Project	Tier	Operating Date	Max 10-year Deficiency (MW)	Recommendation
Install Mira Loma-Corona 66 kV Subtransmission Line	1	2026	20.00	Partnership Pilot
Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	1	2027	14.10	Partnership Pilot
Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	2	2026	5.10	Partnership Pilot
Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation	1	2026	4.00	DIDF RFO
Upgrade 2 Transformers at Washington 66/12 kV Substation	1	2026	12.10	DIDF RFO
Upgrade Transformer at Vail 66/12 kV Substation	1	2026	15.00	DIDF RFO
Install a New Transformer at Aqueduct 115/12 kV Substation	1	2027	19.13	DIDF RFO
Install a New 12kV Circuit at Chino 66/12 kV Substation	1	2026	3.40	DIDF RFO
Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	1	2026	10.70	DIDF RFO

Partnership Pilot:

SCE currently recommends three candidate deferral projects for the Partnership Pilot:

- The *New Substation and Subtrans Line at Mira Loma System* Project
- The *New Subtrans Line at Santiago System* Project
- The *New Circuit and Bank Upgrade at Francis* Project

The final list of Partnership Pilot project recommendations will be provided in a November 15 Advice Letter seeking the Commission's approval to launch the Partnership Pilot.

Other Projects:

Among the remaining Tier 1 projects,

- The *Rector-Riverway Subtransmission Line* project is currently in the Partnership Pilot process from 2022 GNA DDOR Filing.
- In addition, SCE is currently exploring whether a previously procured DER project can be leveraged to meet the need of the *Rebuild Elizabeth Lake – Pitchgen 66 kV Subtransmission Line* project.

Therefore, SCE does not recommend these two Tier 1 projects for additional DER solicitations.

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3 2023 DIDF Ruling, p. 9. The Ruling states "…the Standard-Offer-Contract pilot should not be continued, and no further solicitations should occur".

2. Background and Regulatory Requirements

On August 14, 2014, the CPUC issued Rulemaking (R.) 14-08-013, which established guidelines, rules, and procedures to direct California's IOUs to develop Distribution Resources Plans (DRPs). On February 15, 2018, the Commission issued D. 18-02-004 which directed IOUs to file a GNA report and DDOR on an annual basis.[4] On May 7, 2019, the Commission issued the 2019 DIDF Ruling to modify the DIDF process based on parties' comments.[5] The 2019 DIDF Ruling directed IOUs to file both the GNA report and DDOR on August 15 annually. Later, the Commission issued the 2020 April DIDF Ruling and the 2020 May DIDF Ruling to further modify the DIDF process based on parties' comments.[6,7] The 2020 April DIDF Ruling modified the Independent Professional Engineer (IPE) scope of work and provided the updated 2020-2021 DIDF schedule. The 2020 May DIDF Ruling established 56 new reform requirements. On February 11, 2021, the Commission issued IDER D. 21-02-006 which introduced the Partnership Pilot and the SOC Pilot and streamlined the DIDF RFO. Later, the Commission issued the 2021 DIDF Ruling[8] to establish eight new reforms based on parties' comments and revise seven reforms from the 2020 May DIDF Ruling to address parties' comments and to align with the requirements adopted by D. 21-02-006.[9] In 2022, the Commission issued the 2022 DIDF Ruling[10], establishing seven reforms to three solicitation frameworks. In May 2023, The Commission's 2023 DIDF Ruling focused primarily on updates to known load tracking and reporting, as well as terminating the SOC Pilot[11].

The GNA report presents the grid needs identified throughout SCE's distribution and subtransmission system that fall under one or more of the four distribution services[12] adopted by D.16-12-036 as well as load and DER forecast components for distribution circuits/feeders and distribution substations with voltage levels 33KV and below in SCE's service territory. The DDOR presents SCE's planned investments that address grid needs listed in the GNA report, as well as the candidate deferral project shortlist that results from applying initial deferral screens to the

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4 D.18-02-004, *Decision on Track 3 Policy Issues, Sub-Track 1 (Growth Scenarios) and Sub-Track 3 (Distribution Investment and Deferral Process)*, issued February 15, 2018.

5 R.14-08-013, 2019 DIDF Ruling.

6 R.14-08-013, 2020 April DIDF Ruling.

7 R.14-08-013, 2020 May DIDF Ruling.

8 R.14-08-013, 2021 DIDF Ruling.

9 D.21-02-006, *Decision Adopting Pilots to Test Two Frameworks for Procuring Distributed Energy Resources That Avoid or Defer Utility Capital Investments*, issued February 11, 2021.

10 R.21-06-017, 2022 DIDF Ruling.

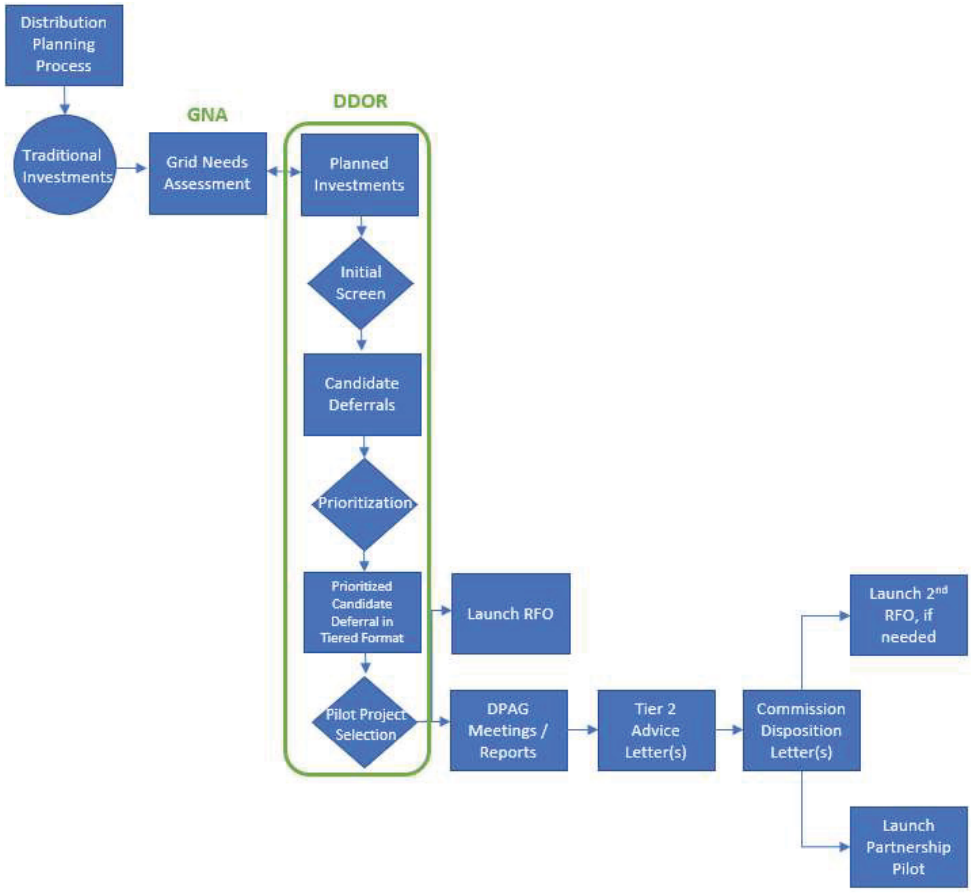
11 2023 DIDF Ruling.

12 R.14-08-013, 2021 DIDF Ruling.

planned investments. Candidate deferral projects are presented in a tiered format based on the prioritization. Recommendations for the DIDF RFO and Partnership Pilot are based on corresponding selection criteria.

D.18-02-004 states: "[t]he central objective of the DIDF is to identify and capture opportunities for DERs to cost-effectively defer or avoid traditional IOU investments that are planned to mitigate forecasted deficiencies of the distribution system." Therefore, SCE's annual DIDF process starts at the completion of its annual DPP, during which engineers evaluate the capability of the existing distribution and subtransmission system to safely and reliably serve the forecasted net demand developed (in part) using the Integrated Energy Policy Report (IEPR) forecast from the California Energy Commission (CEC). Figure 1 below illustrates the overall DIDF process.

FIGURE 1: OVERALL DIDF PROCESS



Pursuant to the various aforementioned decisions and rulings, the GNA and DDOR are required to be filed each year by August 15 and the DRP Data Portal (i.e., DRP External Portal or DRPEP for SCE) is to be updated with GNA/DDOR data by August 30. By September 15, SCE is required to launch its RFO for additional Tier 1 candidate deferrals that SCE recommends for solicitation. Distribution Planning Advisory Group (DPAG) meetings are expected to occur during September and October, followed by the IPE's final DPAG report in October. SCE is required to file up to three Tier 2 Advice Letters by November 15: (1) should SCE determine that certain Tier 2 projects be elevated to Tier 1, based on DPAG, Commission, or IPE feedback, SCE will file a Tier 2 Advice Letter seeking approval to launch a second DIDF RFO for the additional projects; (2) a Tier 2 Advice Letter will be filed to request approval to not include any remaining candidate deferral opportunities and planned investments identified in the GNA/DDOR filings within the

DIDF RFO;[13] and (3) a Tier 2 Advice Letter seeking approval to launch the Partnership Pilot, the subscription period for which would open in January the following year.

Table 3 summarizes the regulatory timelines and milestones associated with SCE's GNA/DDOR, DPAG and Competitive Solicitation.

TABLE 3: 2023-2024 REGULATORY TIMELINES AND MILESTONES ASSOCIATED WITH GNA, DDOR, DPAG AND COMPETITIVE SOLICITATION

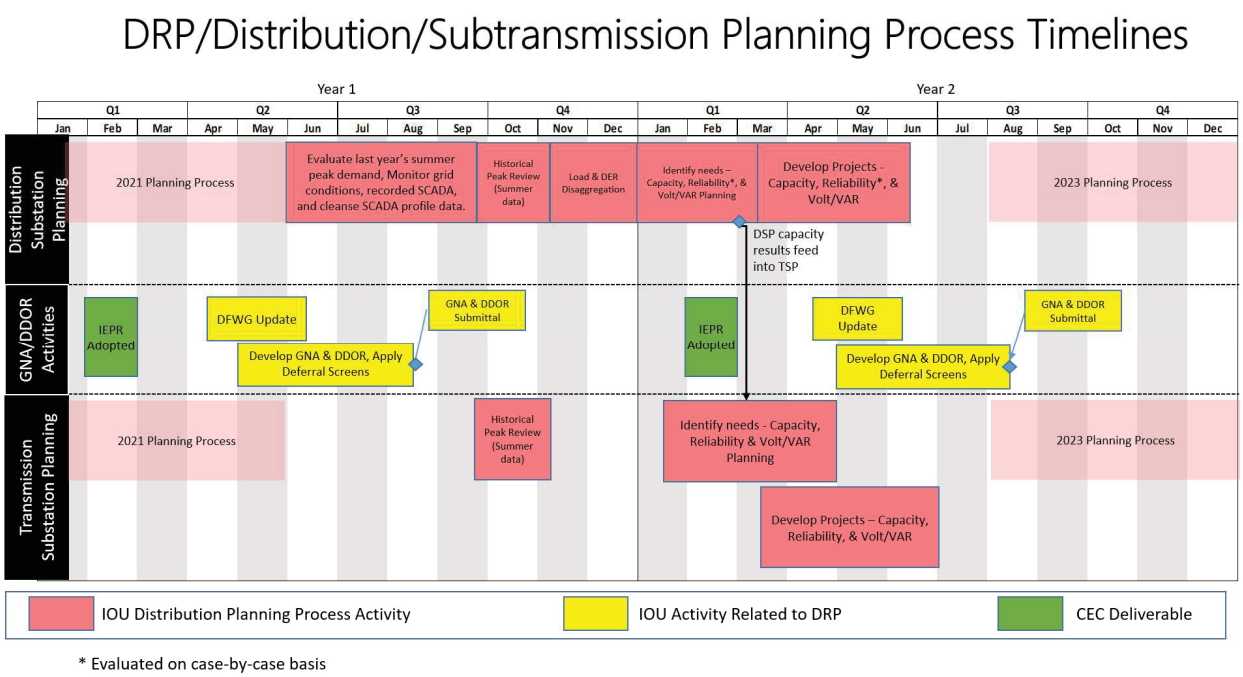
Item	Date	Responsible Party		
		IOUs	IPE	CPUC
GNA/DDOR	8/15/2023	X		
DRPEP	8/30/2023	X		
Launch RFO	9/15/2023	X		
DPAG Meeting	Mid-Late Sept 2023	X		
Final DPAG Report	11/8/2023		X	
Tier 2 Advice Letters	11/15/2023	X		
Commission Disposition of SCE Advice Letters	Mid-December 2023			X
Launch 2nd Round of RFO, if needed	Within 30 days of Commission Disposition of SCE Advice Letters	X		
Launch Partnership Pilot	~2/15/2024	X		
DIDF Reform Comments	4/1/2024-4/15/2024	X		

3. Distribution Planning Process (DPP)

SCE's typical timelines for major DPP activities and its integration with the GNA report and DDOR is displayed in Figure 2. Please note that this does not necessarily represent the exact timeline to which SCE will be adhering for a particular year's DPP. The timing for these major activities could vary depending on when SCE's distribution system observes its peak loading conditions. Future software tool advancement and regulatory requirements may also impact this process.

13 2020 May DIDF Ruling, Reform #40, p.96.

FIGURE 2: DRP/DISTRIBUTION/SUBTRANSMISSION PLANNING PROCESS TIMELINES



* Evaluated on case-by-case basis

3.1. Historical Profile Review

DPP activities begin after a region's annual peak demand is believed to be reached. Most of SCE's service territory experiences peak demand conditions during the summer months which start in June and last through September and occasionally October. SCE begins its planning process for its entire system in October or November, after summer peaking demand conditions have passed.

After the peak seasons conclude, engineers review the recorded demand profiles of each distribution circuit and distribution substation to analyze the historical peak demand and determine if any abnormal conditions[14] were present during recorded peak demand. Abnormal data is removed and adjusted to represent normal conditions. SCE then uses the cleansed profiles to determine the starting demand for each circuit and substation. The starting demand is the value for which incremental demand and DER forecast is added to develop a final forecast for all of SCE's substations and circuits.

3.2. Load and DER Disaggregation

SCE adds the CEC IEPR forecast to the prior year's peak demand to develop the 10-year forecast for all distribution circuits which is then aggregated to the substation level. The IEPR forecast is provided at the entire SCE system level,

14 Examples of abnormal conditions include but are not limited to temporary circuit reconfiguration during emergency outage scenarios or to perform planned work such as new equipment installation, repair, or replacement.

and not with the granularity necessary to reflect localized electrical assets on distribution and subtransmission systems. SCE and stakeholders participate in the Distribution Forecasting Working Group (DFWG) to discuss load and DER disaggregation methodologies to allocate system-wide forecasts to the distribution circuit level. As noted within the DFWG Report, "SCE also incorporates additional load growth that may not have been fully reflected in the CEC forecast."[15] This incremental load growth is further discussed in Section 4.2. The IEPR datasets used by SCE within its 2022 DPP are discussed later in Section 4.

3.2.1. Load Disaggregation

SCE's disaggregation methodology starts with the IEPR load growth forecast and incorporates encompasses specific local-area knowledge from the system planning engineers on new development projects as well as econometric data relative to each planning area. SCE's system planning engineers work closely with developers of agricultural, commercial, industrial, residential, and transportation electrification to understand the electrical needs and timing of these projects to estimate the projected increases in demand on SCE's distribution facilities. These projected demand increases are developed based on developer provided information, progress of development, and institutional knowledge from similar past developments. Most of these local known Load Growth Projects (LGPs) are considered as embedded or reflected in the CEC's IEPR load growth forecast and incorporated in SCE's load disaggregation process. However, the IEPR forecast does not account for all types of load growth seen on SCE's system. For example, Commercial Electric Vehicle Chargers, Cultivation, and Temporary Power LGPs are not directly accounted for as part of the IEPR forecast. The load from these LGPs is added incrementally to the IEPR forecast. Both types of LGPs, embedded and incremental, are considered in the SCE load growth forecast. Further details on SCE's methodology for developing the 10-year load forecast are provided in Section 4.

3.2.2. Disaggregation Process

As part of the CEC's Integrated Energy Policy Report (IEPR) forecasting process, the CEC forecasts a 10-year DER forecast for select DER's:

1) Energy Efficiency (EE)
2) Transportation Electrification (TE)
3) Solar Photovoltaic (PV)
4) Energy Storage (ES)
5) Fuel Substitution (FS)

SCE disaggregates each of the CEC's IEPR DER forecasts to each SCE circuit and reflects the DER load impacts in SCE's net demand forecast for all circuits and distribution substations. In general, EE and PV reduce net demand, TE and FS increase net demand, and ES reduces the load in discharging period and increases the net demand in charging period.

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15 Joint-IOUs and Itron, "*Distribution Forecasting Working Group Progress Report*," July 2, 2018 (*available at* http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M229/K731/229731972.PDF), p.97.

Once the disaggregated DER forecasts are developed and integrated with the circuit level disaggregated load forecast, the result is a managed forecast that serves as the necessary input to SCE's annual DPP. Further details on SCE's methodology for disaggregating the CEC IEPR DER-related forecasts are contained in Section 4.

3.3. Identify Electric System Needs

After the load and DER forecasts are developed, engineers perform technical studies to determine whether the forecasted net demand can be accommodated by existing electric facilities, under normal and emergency conditions. The analysis compares the forecasted net demand under the applicable weather design criteria over a 10-year period to the electric equipment ratings.

When the study indicates forecasted net demand exceeds equipment ratings, engineers develop solution alternatives to solve the identified needs. SCE first seeks to maximize the utilization of existing assets before developing projects that require the installation of new, or modification of, existing infrastructure.

The data to be contained in SCE's 2023 GNA report represents the grid needs after engineers have maximized utilization of existing equipment, and therefore indicates the required planned investments to continue to operate the system safely and reliably.

3.4. Develop Projects Solving Electric System Needs

The last step of the DPP is to develop planned investment alternatives to mitigate the grid needs that could not be solved through no-cost or low-cost solutions. Engineers evaluate alternative solutions to select the most cost-effective alternative that meets long-term system needs. The solutions are evaluated based on the following sequential order, beginning with the lowest cost alternatives:

- Maximizing equipment utilization by transferring customers between existing equipment;
- Modifications to existing distribution circuitry;
- Constructing new distribution circuits;
- Substation expansion;
- Constructing new substations

Throughout the progression, SCE develops a set of alternative solutions that can address the forecasted electric system needs. SCE uses stakeholder input with reliability, operational flexibility, and cost-effectiveness factors, to determine which projects are technically feasible and eliminates those that are not. Of the solutions that remain, SCE then selects the most suitable project as the preferred solution with which to proceed.

SCE did not evaluate SCE-owned DERs as solution alternatives in conjunction with traditional wires solutions as part of its 2023 DPP. SCE is still working through internal processes, software capabilities, technical training, and evaluation methodologies to enable engineers to evaluate SCE owned and operated DER as solutions within its DPP. SCE intends to evaluate SCE-owned DERs as solutions in future planning processes and expects the level of integration to be iteratively improved over time as methods, software, and processes are further developed.

4. In-Depth Forecast Examination & Disaggregation Methods

SCE presented the list of IEPR scenarios in Table 4 below and DER disaggregation methodologies used in its 2023 DPP to the DFWG on May 16, 2022.[16] The objective of the DFWG meeting was to "vet the disaggregation methodologies and data sources used in the disaggregation process to ensure that the circuit level forecasts apply the best available data sources and incorporate evaluation feedback in future forecasts."[17] The details within this section complement SCE's presentation to the DFWG.

TABLE 4: 2023 IEPR SCENARIOS FOR DISTRIBUTION PLANNING

Calendar Year 2023-2024 2023 GNA/DDOR		
DER	Scenario	Forecast Source
Energy Efficiency	Low	2021 IEPR AAEE Slicer Forecast
Transportation Electrification	2021 IEPR High TE 2023-2029 +2021 IAWG 2030-2032	2021 IEPR TE + IAWG
Photovoltaics	Mid	2021 IEPR PV Update
Energy Storage	Mid	2021 IEPR ES Update
Fuel Substitution	Mid	2021 IEPR AAFS Slicer Forecast

SCE utilizes various software to support the disaggregation and development of the distribution forecast. Historically, the SCE ‐ developed planning software, Master Distribution Interface (MDI), allowed for end ‐ to ‐ end preparation of a point ‐ based forecast. As SCE's DPP evolves, SCE continues to develop solutions as part of its Long ‐ Term Planning Tool (LTPT) to begin shifting the point-based forecast to be fully profile ‐ based.

Given that LTPT and other Grid Modernization Engineering and Planning tools are still under development, SCE is in a transitional phase, where profile-based portions of the forecast are developed within SCE's LTPT- Forecasting Tool, which utilizes Statistical Analysis System (SAS) as its software engine, and point-based portions are still developed within SCE's legacy planning tool system. SCE's profile ‐ based forecast data leverages statistical tools (e.g., SAS), Geographic Information System (GIS) tools (e.g., ArcGIS), and historical profile tools (e.g., SCE's Grid Analytics Tool (GAT) powered by Re|Grid). Use of these tools supports the IEPR disaggregation process and determination of the net demand forecast and allows SCE to broaden its planning capabilities. Methodologies and tools are updated

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[16] In SCE's recently filed GRC Application, SCE included two forecasts: The forecast from the 2022 DPP (the most recent DPP available for the GRC application, and an augmented "Transportation Electrification Grid Readiness" (TEGR) forecast. For the 2023 DPP and this GNA/DDOR filing, SCE did not perform another TEGR analysis, because the 2023 DPP was based on a new IEPR forecast that incorporates the expected adoption resulting from critical new policies driving electrification. In future DPP cycles, we expect base forecast to more closely align with TEGR, and that future projects (and their costs) will be identified consistent with TEGR.

[17] Joint-IOUs and Itron, "*Distribution Forecasting Working Group Progress Report*," July 2, 2018 (*available at* http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M229/K731/229731972.PDF)

annually to continually improve and enhance SCE's DPP. The current end-to-end process is explained at a high level in Section 4.3.

4.1. CEC System Level Forecast Adjustments

This section describes the adjustments made to the CEC system level forecast (i.e., 2021 IEPR) to support disaggregation of load growth (non-DER) at the SCE circuit level.

The IEPR forecast load growth information (i.e., "consumption in energy") is gathered from the "SCE Load Modifier Mid Baseline-Mid AAEE-AAPV CED Sheet" published by the CEC. The first adjustment is to remove Transportation Electrification DERs embedded in the CEC's consumption load forecast to prevent double counting since all DER forecasts will be disaggregated separately and integrated with the load forecast later. The next adjustment is to remove load associated with Public Operating Utilities (POUs) or similar entities based on information found in Form 1.5a.[18] The purpose of this adjustment is to account only for load growth for facilities considered part of the SCE service territory within the load disaggregation. After completing the steps above, the resulting incremental consumption load forecast from CEC IEPR is used for SCE's load growth disaggregation down to the circuit level.

4.2. Other Forecast Adjustments

In addition to the adjustment to the CEC system-level forecast, post-disaggregation load growth adjustments are made at the SCE circuit level to reflect Incremental LGPs. Incremental LGPs include load from new industries and load that is unlikely to be reflected in economic indicators used to develop the IEPR forecast. SCE engaged the CEC in technical discussions around any significant load impact SCE expected from its LGPs (e.g., large cannabis cultivation projects and electric fleet fast-charging infrastructure projects) through its 2023 DPP analysis.[19] In addition, as part of the 2021 CEC IEPR Form development, SCE provided additional large local known growth project impact through the newly designed IEPR Form 3, "Demand Modifier Impacts." SCE will continue those discussions with CEC in future years to help the CEC develop a more comprehensive IEPR load forecast to capture additional LGPs that SCE distribution planners observe over SCE's service area.

The initial disaggregation of load and DER forecast at the circuit level represents the maximum amount (e.g., maximum capacity or total annual energy) of load or DER forecast consistent with the CEC's system level forecast. To provide system planners with more informed load and DER forecast for planning purposes, SCE further applies unique hourly profiles to the disaggregated load forecast, DER forecast, and Incremental LGPs for each circuit. SCE then derives circuit peak times based on the maximum of the integrated hourly load forecast. Finally, SCE establishes the coincident load and DER impacts corresponding to the circuit peak time. Some primary inputs SCE utilizes to do this include the following: DER shapes by type, representative load shapes by sector (Residential, Commercial, Industrial, Agriculture, and Light Duty and DC Fast Chargers), and forecasted load shapes. Given the

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18 California Energy Commission, "*2019 IEPR: Form 1.5a – Statewide CED Update Forecast, 2019-2030, Mid Demand Baseline Case, No AAEE/AAPV*," January 24, 2019 (*available at* https://efiling.energy.ca.gov/GetDocument.aspx?tn=226367&DocumentContentId=57142).

19 These conversations were presented to the IPE during the 2022 Validation and Verification associated with IPE Business Process Step 4.

above, the amount of incremental load and DER growth accounts for coincidence with circuit peak time which may result in amounts less than the maximum initially disaggregated.

4.3. Disaggregation of System Level DER and Load Forecasts to Circuits

The CPUC designated the CEC's load forecast to be the "state's official load forecast"[20] and ordered the IOUs to use the CEC IEPR forecasts for all distribution planning cycles. This section provides a high-level overview of the current distribution forecast process, summarized in Figure 3 below and detailed in the description that follows:

FIGURE 3: SCE'S END-TO-END DISTRIBUTION FORECAST PROCESS

1. Establish Starting Demand from Historical Profile: The starting demand is developed within SCE's LTPT-Forecasting software using historical recorded demand from cleansed 8760 profiles from SCE's GAT software. This is derived from the most recent peak season (typically summer for the majority of SCE's system) that is weather-normalized.
2. Disaggregate IEPR Base Growth: This step disaggregates the IEPR load forecast down to the distribution circuit level using embedded local LGP information and time-series econometric model forecasts. This is performed in SCE's LTPT-Forecasting software utilizing allocation factors within the whirlpool method discussed in Section 0.
3. Disaggregate IEPR DER Growth: This step disaggregates the IEPR DER forecast to the distribution circuit level using DER adoption, customer attributes, and program participation information. This is performed in various software tools (e.g., R programming).
4. Apply Incremental Load Growth Projects: Incremental LGPs are applied to specific circuit forecasts after the IEPR load growth disaggregation. SCE consults with the CEC to determine which projects are considered incremental to the IEPR
5. Integrate Load Growth and DER Growth: Unique hourly profiles are applied to the IEPR disaggregated load, IEPR disaggregated DER, and Incremental LGPs for each circuit. The hourly load and DER forecasts are integrated for each circuit resulting in the initial 8760 hourly net demand forecast reflecting disaggregated load, DER, and incremental LGP impacts.

20 Decisions 05-10-042/07-12-052/18-02-004.

6. Establish Annual Net Peak Growth: Circuit peak times are derived based on the maximum of the integrated hourly net demand forecast. The coincident load and DER impacts are established corresponding to the circuit peak time. The output of this step is a combination of the coincident load and DER impacts that are applied to the forecast.
7. Determine Initial Net Demand Forecast: This step calculates the net demand forecast prior to application of transfers.
8. Apply Transfers: Where grid needs can be resolved through no cost solutions, transfers are applied where existing equipment capacity is available.
9. Determine Final Net Demand Forecast: This step represents the final net demand forecast under the applicable weather design criteria over a 10-year period that is a resultant from all the previous steps.

4.3.1. DER Disaggregation

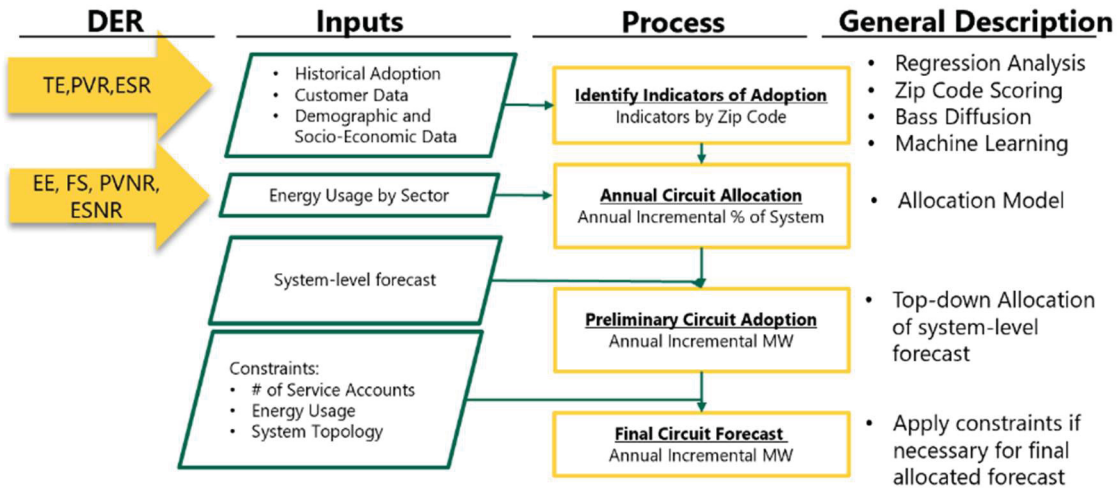
This section describes the data sources and methodology used to disaggregate the most recent CEC IEPR DER system level forecasts to individual circuits. Details are provided for the following five DER types:

1) Energy Efficiency (EE)
2) Transportation Electrification (TE)
3) Solar Photovoltaic (PV)
4) Energy Storage (ES)
5) Fuel Substitution (FS)

To distribute total forecasts for each DER to the hourly level, SCE applies the CEC IEPR 8760 load shapes for EE, ES, Medium & Heavy duty EVs, and Fuel Substitution, and uses customized, internally developed load shapes for Light duty EVs, and PV.

The subsections below describe in detail how each DER forecast is disaggregated from the IEPR system level to the circuit level, and how hourly DER load reductions are calculated. An overview is provided in Figure 4, and followed by separate discussions on each DER type. An illustrative example of SCE's disaggregation process is provided at the end of each DER discussion. The "Final Circuit Forecast" noted in the Figure 4 is an output of the DER Disaggregation Process, but also an input to the final growth recognized within the forecast.

FIGURE 4: SCE'S OVERALL DER DISAGGREGATION PROCESS



4.3.1.1. Energy Efficiency

This section describes how SCE disaggregates the CEC's 2021 IEPR system Additional Achievable Energy Efficiency (AAEE) forecast to individual circuits. In September 2022, work commenced updating 2023 DPP. SCE utilized the 2021 AAEE forecast as the updated 2022 IEPR Update would not be released until early 2023.

To ensure consistency with transmission planning activities/California Independent System Operator (CAISO), SCE used AAEE Mid-Low scenario 2 and the CEC-supplied 2021 AAEE savings by Sector. SCE then leveraged SCE's customer/circuit information that denoted sector level energy use for each circuit.

Lastly, there is a need to denote hourly AAEE savings for each circuit. To accomplish this, SCE used the CEC's EE hourly load shape[21] to further disaggregate AAEE circuit level saving into hourly EE savings.

4.3.1.1.1. METHODOLOGY TO DISAGGREGATE CEC'S AAEE IEPR SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

Disaggregation of IEPR's system level AAEE forecast uses proportional scaling models that assume EE adoption follows energy use. The CEC's Mid-Low AAEE scenario contains 2 main sources of savings:

1. EE Programs (EE): A voluntary program that the CPUC works with the IOUs, other program administrators, and vendors to develop programs and measures to transform technology markets within California using ratepayer funds.

21 California Energy Commission, (*available at*: https://efiling.energy.ca.gov/GetDocument.aspx?tn=241175

2. Title 24 Codes and Standards (T-24): Mandatory California New Construction regulations are designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings.

SCE's detailed disaggregation steps are described below:

1. Step 1 - Collect SCE Energy Use Data by Circuit and End Use: The first step extracts customer circuit level total annual energy (GWh) using customer-level data from SCE's Customer Database. SCE then groups circuit-level energy use into sectors and calculates a percentage of total annual sector energy use for each circuit.
2. Step 2 – Collect CEC IEPR AAEE forecasts: SCE receives AAEE forecast from the CEC forecasters that denotes AAEE savings by scenario and sector for the following programs:
    a. EE programs
    b. T-20 C&S
    c. T-24 C&S
3. Step 3 - Disaggregate EE and T-24 Savings: As denoted earlier, SCE utilizes the CEC IEPR AAEE Low scenario (Scenario 2). This step builds on Step 1 and 2 by using the percent sectoral energy use on each circuit and multiplying the sectoral percentages by the IEPR forecasted AAEE EE/T-24 sectoral savings.

4.3.1.1.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

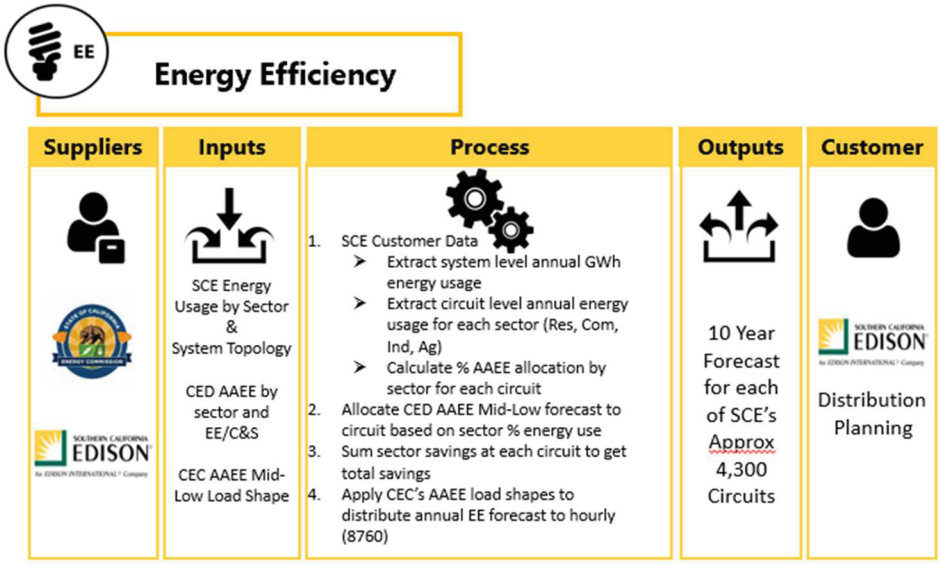
Using the CEC supplied 2021 IEPR AAEE Mid-Low system level 8760 load shapes, SCE unitized the annual hourly load shapes (MW) into hourly percentages where annual EE savings percentage equal 100% for each year of the forecast. SCE then multiplied the unitized hourly percentages by the total CEC supplied AAEE forecast. The aforementioned unitization of hourly load shapes allowed SCE to distribute total SCE service territory EE savings to hourly increments.

4.3.1.1.3. AN ILLUSTRATIVE EXAMPLE

In this example, Circuit X's residential customers consume a total of 16 GWh of electricity, and SCE's total residential energy use for its whole service territory is 279,000 GWh of electricity. To calculate a disaggregation factor, Circuits X's residential energy use is divided by total residential energy used, to calculate a disaggregation factor of 0.0057% (16 GWh /279,000 GWh x 100 = 0.0057%). This residential example is completed for all sectors and circuits in the SCE's service territory.

For this example, Circuit X is assumed to contain only residential customers. Using the CEC's AAEE forecast, there is a total of 95 GWh of residential AAEE and T-24 savings captured in its service territory. In Step 3, SCE multiplies the circuit percentage of total residential energy use from Step 1 (0.0057%) by the total Residential AAEE EE/T-24 savings forecast (Step 2). Circuit X's EE and T-24 savings are 5.4 MWh (0.0057% x 95 GWh = 5.4 MWh) in residential EE savings. Figure 5 below displays the data sources, inputs, process, and outputs of SCE's EE disaggregation process.

FIGURE 5: ENERGY EFFICIENCY FLOWCHART



4.3.1.2. Transportation Electrification

For the 2023 Planning Process, SCE disaggregated the forecast for both light duty and non-light duty electric vehicles. Non-light duty electric vehicles include medium & heavy-duty trucks.

4.3.1.2.1. ELECTRIC VEHICLES (LIGHT DUTY)

SCE leveraged different data sources for disaggregating the system-level light duty EV forecast from CEC's 2021 IEPR demand forecast. SCE gathered actual adoption data as well as macroeconomic and demographic information. The primary data sources include:

1. EV adoption data at ZIP Code level provided by Electric Power Research Institute (EPRI);[22]
2. Household characteristics from the American Community Survey by U.S. Census Bureau at ZIP Code level;[23]
3. Median household income growth forecast by IHS Markit and Moody's Analytics; [24]
4. SCE market research study of customer segmentation by circuits;
5. Mapping of ZIP Codes to circuits created by SCE's Geospatial Analysis team; and
6. SCE's internally developed EV load shape

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22 Electric Power Research Institute, *EV Adoption Data*, June 2022 (*available via subscription*).

23 American Community Survey, *Household Demographic and Socioeconomic Data at ZIP Code level,* 2020 (*available at* https://data.census.gov/cedsci/).

24 American Community Survey, *Household Demographic and Socioeconomic Data at ZIP Code level,* 2020 (*available at* https://data.census.gov/cedsci/).

SCE's internal light-duty EV load shape was developed to determine the hourly energy forecast. Major assumptions include where EV owners typically charge, when EV owners start to charge, the duration of charging time, and the residential rate classes to which EV owners belong.[25]

4.3.1.2.1.1. METHODOLOGY TO DISAGGREGATE CEC'S EV IEPR SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

SCE disaggregated the annual CEC 2021 IEPR forecast based on its internally developed propensity models. Below are the main steps SCE developed for disaggregating the IEPR system level EV forecast:

1. Step 1 - Developed a propensity score for each ZIP Code: SCE identified the key indicator(s) of EV adoption through this step. By using the historical EV adoption data provided by EPRI and customers' demographic and socioeconomic data, SCE performed regression analysis to analyze the driving factors for customers' EV adoption. Based on the regression analysis results, household income (income over $150,000) was shown to be statistically significant and was chosen to be the propensity indicator. Then, EV potential for each ZIP Code was estimated based on the number of households with incomes over $150,000 and used to derive the propensity score. In addition, SCE utilized the median household income growth forecast (from IHS Markit and Moody's Analytics) to reflect the EV adoption growth rate changes over years.
2. Step 2 - Obtained CEC IEPR EV Forecast: For the 2023 planning process, SCE was directed to utilize the Joint IOU forecast for 2023-2024 Distribution Planning Cycles which is based on 2021 IEPR California Energy Demand Update (CEDU) High Demand Baseline forecast of EV for years 2023-2029 and 2021 IAWG (Inter-Agency Working Group) scenario for years 2030-2032. [26]
3. Step 3 - Allocated Joint IOU forecast for 2023-2024 Distribution Planning Cycles to ZIP Code: Based on relative propensity scores for all the ZIP Codes within SCE's service territory from Step 1.
4. Step 4 - Mapped ZIP Code to circuits based on circuit mileage within a ZIP Code.
5. Step 5 - Applied circuits' shares of a ZIP Code derived from Step 4 to the ZIP Code level EV forecast (from Step 3). In addition, SCE market research study of customer segmentation by circuits used for including potential EV adoption from low-income customers. This resulted in the final disaggregated circuit level EV forecast.

4.3.1.2.1.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

In order to estimate the circuit level hourly EV forecast, SCE multiplied its internal level EV load shape by annual EV forecast at the circuit level.

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25 Examples of residential rates include time of use, domestic and EV1, etc.

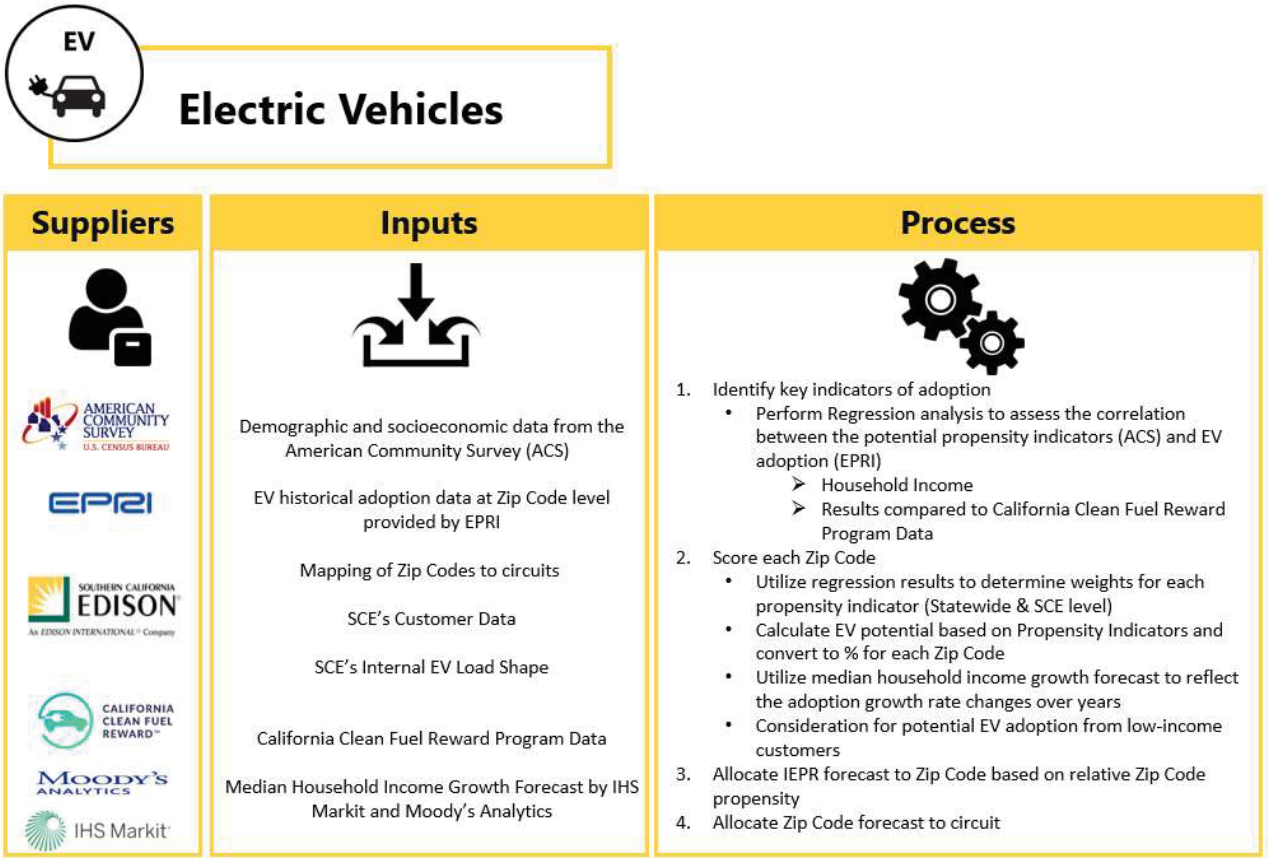
26 IOUs received approval from Energy Division to use the 2021 IEPR California Energy Demand Update (CEDU) High Demand Baseline forecast of EV for years 2023-2029 and 2021 IAWG (Inter-Agency Working Group) scenario for years 2030-2032 for both Light Duty Vehicle (LDV) and Non-LDV Transportation Electrification load forecasts for 2023-2024 planning cycle (see **Attachment B** for Joint IOU request regarding use of the High TE scenarios and July 28, 2022 Energy Division email providing approval, entitled "(External): High DER: IEPR Datasets Approval for 2023 GNA/DDORs (R.21-06-017))". SCE obtained the IEPR Light duty electric vehicle load forecast from the CEC forecasting staff.

4.3.1.2.1.3. AN ILLUSTRATIVE EXAMPLE

In this example to determine EV potential in a certain area, ZIP Code A is assumed to have around 3,600 households that have annual incomes over $150,000. In 2021, the total number of households with income over $150,000 in SCE's territory is 600,000. The propensity score of ZIP Code A can be calculated by dividing the number of households with income over $150,000 in ZIP Code A by the total number households with income over $150,000 in SCE's service territory (3,600 / 600,000 = 0.006). Therefore, ZIP Code A's share of total EV forecast is 0.6% (0.006 x 100 = 0.6%).

If the CEC incremental EV load forecast for 2023 in SCE's territory is 201,019 MWh, then the EV load forecast for ZIP Code A is 1,206 MWh (0.006 x 201,019 MWh=1,206 MWh). If Circuit B is inside ZIP Code A and covers 10 percent of the total circuit length in ZIP Code A, Circuit B's EV load is assumed to be 120.6 MWh (1,206 MWh x 0.1 = 120.6 MWh). Figure 6 below displays the data sources, inputs, process, and outputs of SCE's EV disaggregation process.

FIGURE 6: ELECTRIC VEHICLE FLOWCHART



4.3.1.2.2. MEDIUM AND HEAVY-DUTY (NON-LIGHT DUTY)

SCE leveraged different data sources for disaggregating the system-level medium & heavy-duty trucks forecast from CEC's 2021 IEPR demand forecast. The primary data sources include:

1. Mapping of North American Industry Classification System (NAICS) to potential medium & heavy-duty vehicle classification which is developed internally at SCE
2. SCE's customer service data such as customer addresses, usage and NAICS codes;
3. San Pedro Bay Ports Clean Truck program data[27]; and
4. CEC 2021 IEPR medium & heavy-duty truck load shape

4.3.1.2.2.1. METHODOLOGY TO DISAGGREGATE CEC'S MEDIUM & HEAVY-DUTY TRUCK IEPR SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

SCE disaggregated the annual CEC 2021 IEPR forecast based on its internally developed propensity models. Below are the main steps SCE developed for disaggregating IEPR's system level medium & heavy-duty truck forecast:

1. Step 1 - Developed a propensity score for each circuit:

   For medium duty vehicles, SCE utilized the list of SCE's non-residential service accounts and identified the associated potential vehicle classifications by their NAICS code using a mapping tool developed internally at SCE. The propensity score of each circuit was calculated by estimating each potential customer's annual peak demand, aggregating it to the circuit level, and then converting those circuit-level values to percentages of the SCE total system value.

   For heavy duty vehicles, SCE utilized the list of San Pedro Bay Ports Clean Truck program data which has the list of trucking companies' location who have access to Port of Long Beach. SCE mapped the locations to SCE's circuits. The propensity score of each circuit was calculated by using the # of fleet truck moves to Port of Long Beach, aggregating it to the circuit level, and then converting those circuit-level values to percentages of the SCE total system value.

   In addition, for limited areas where SCE anticipates significant impact from large fleet operators, SCE leveraged a special vendor's study to reflect those areas impact directly to inform the allocation.
2. Step 2 - Obtained CEC IEPR medium & heavy-duty trucks truck forecast: For the 2023 planning process, SCE was directed to utilize the Joint IOU forecast for 2023-2024 Distribution Planning Cycles which is based on 2021 IEPR California Energy Demand Update (CEDU) High Demand Baseline forecast of medium & heavy-duty trucks for years 2023-2029 and 2021 IAWG (Inter-Agency Working Group) scenario for years 2030-2032.[28]
3. Step 3 - Allocated Joint IOU forecast for 2023-2024 Distribution Planning Cycles to circuit: based on relative propensity scores for all the circuits within SCE's service territory from Step 1. This resulted in the final disaggregated circuit level medium & heavy-duty forecast.

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27 Drayage operators registered in the San Pedro Bay Ports Clean Truck program: (*available at:* https://thehelm.polb.com/download/369/clean-trucks-program-reports/11231/polb-status-update-12-01-2020.xlsx)

28 IOUs received approval from Energy Division to use the 2021 IEPR California Energy Demand Update (CEDU) High Demand Baseline forecast of EV for years 2023-2029 and 2021 IAWG (Inter-Agency Working Group) scenario for years 2030-2032 for "High TE" scenario for both Light Duty Vehicle (LDV) and Non-LDV Transportation Electrification load forecasts for 2023-2024 planning cycle (see Attachment B for Joint IOU request regarding use of the High TE scenarios and July 28, 2022 Energy Division email providing approval, entitled "(External): High DER: IEPR Datasets Approval for 2023 GNA/DDORs (R.21-06-017))". SCE obtained the IEPR Medium & heavy-duty truck load forecast from CEC staff.

4.3.1.2.2.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

To estimate the circuit level hourly medium & heavy-duty truck forecast, SCE multiplied CEC 2021 IEPR medium & heavy-duty truck load shape by annual medium & heavy-duty truck forecast at the circuit level.

4.3.1.2.2.3. AN ILLUSTRATIVE EXAMPLE

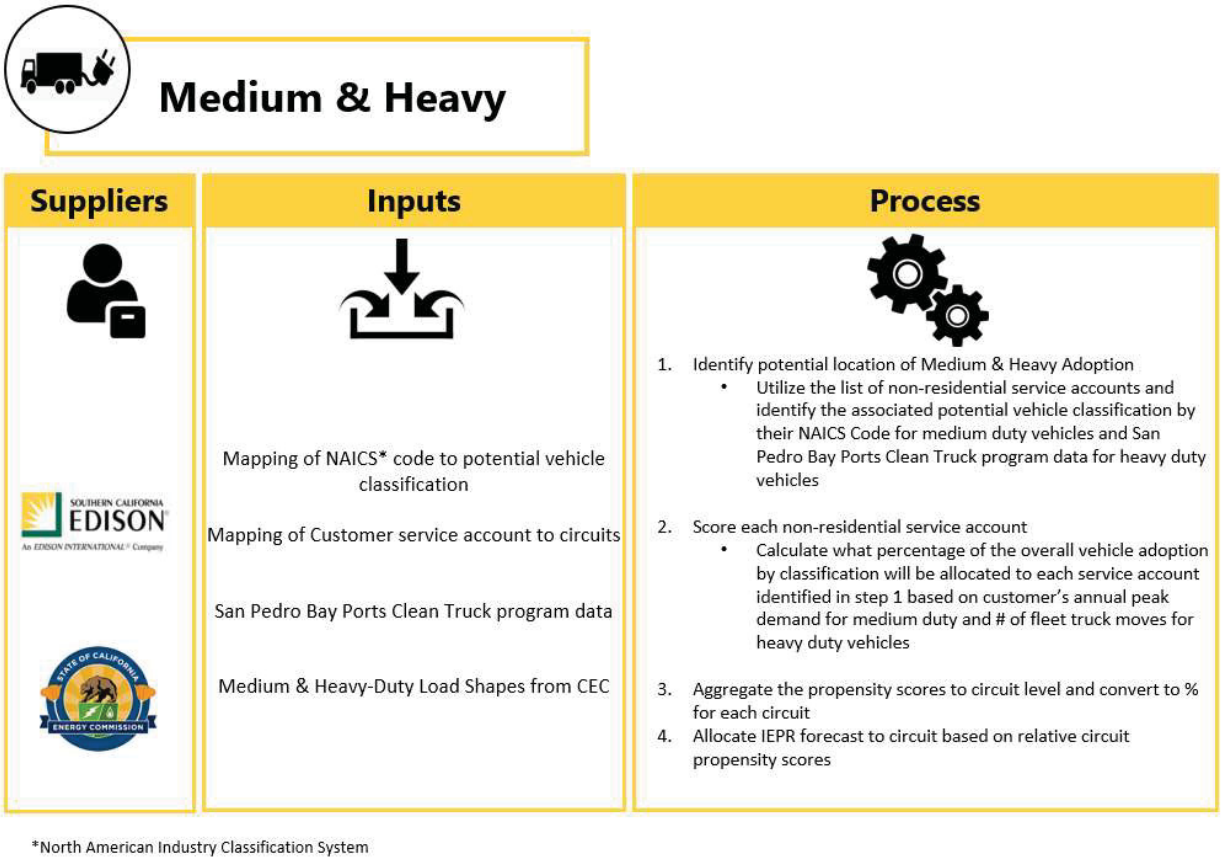
In this example to determine medium-duty truck potential for a circuit, non-residential customers A and B are both identified as potential medium-duty truck adopters based on their NAICS code, both are fed from Circuit C, and their annual peak demands are 200 kW and 300 kW respectively. Based on SCE's customer service data, the total annual peak demand for all non-residential service accounts identified as potential medium-duty truck adopters is 500,000 kW. The propensity score of Circuit C is calculated by dividing the total annual peak demand of all potential non-residential adopters for medium-duty trucks on Circuit C by that in SCE's territory ((200 kW + 300 kW) / 500,000 kW= 0.001). Therefore, Circuit C's share of the medium-duty truck forecast is 0.1% (0.001 x 100 = 0.1%).

If the CEC incremental medium duty truck load forecast for 2023 in SCE's territory is 4,000 MWh, then the incremental medium-duty truck load forecast for Circuit C is 4 MWh (0.001 x 4,000 MWh= 4 MWh).

For Heavy-duty vehicles, the same process is applied except beside the annual peak demand, the # of fleet truck moves to Port of Long Beach was used and then both are aggregated together.

Figure 7 below displays the data sources, inputs, process, and outputs of SCE's Medium and Heavy-Duty disaggregation process.

FIGURE 7: MEDIUM & HEAVY-DUTY FLOWCHART



4.3.1.3. Solar Photovoltaics (Residential and Non-Residential)

SCE leveraged different data sources for disaggregating the system-level Solar PV forecast from CEC's 2021 IEPR demand forecast. The primary data sources include:

1. Forecast Zone[29] of SCE's service territory and Forecast Zone to ZIP Code relationship[30] provided by CEC;
2. A mapping of ZIP Codes to circuit relationship[31];

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29 California Energy Commission, *Climate Zone Areas*, 2018 (*available at* https://efiling.energy.ca.gov/getdocument.aspx?tn=223244).

30 California Energy Commission, *Forecast Climate Zone to ZIP Code Relationship*, 2018 (*available internally as an Excel sheet provided via email from CEC* "Zipcode Forecast Zone-no duplicates.xlsx").

31 SCE Geographic Information Systems Team, *ZIP Code to Circuit Relationship*, October, 2022 (*available internally as an Excel sheet* " ZIP_CIRCUITS_20221020.xlsx").

3. SCE's internally developed Zip Code level market potential[32];
4. Housing starts within SCE's service territory from Moody's Analytics;
5. Permit data within SCE's service territory from Construction Industry Research Board (CIRB);
6. Circuit length information provided by SCE's Geospatial Analysis team;
7. Zip Code to circuit mapping based on customer-level propensity model;
8. SCE's service territory non-residential energy consumption values for circuits.

4.3.1.3.1. METHODOLOGY TO DISAGGREGATE CEC'S PV SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

Circuit Level Residential Single Family (SF) New Construction Disaggregation Methodology:

This section applies to residential SF new construction-related Solar PV installations forecast starting in 2021 (in anticipation of Title 24 compliance impact). This forecast[33] is a subset of the total residential forecast, and was provided by the CEC separately, since beginning with the 2021 IEPR forecast, additional achievable solar PV (AAPV) was incorporated into the base solar PV forecast. This forecast is subtracted from the residential forecast and disaggregated separately.

1. Step 1: Use Moody Analytics' data to generate SCE's service territory total housing starts by applying calculated historical SCE's service territory percentage from CIRB permits data.
2. Step 2: Calculate circuit share for each county using circuit length from internal GIS data.
3. Step 3: Generate circuit-level residential new construction numbers by applying the share distribution (from Step 2).
4. Step 4: Generate circuit-level share of new construction in SCE's service territory.
5. Step 5: Allocate 2021 IEPR Residential SF new construction MW as derived in Step 4.

Circuit Level Remaining Residential Disaggregation Methodology:

This section applies to the residential forecast, after the residential SF new construction forecast has been subtracted.

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32 SCE calculates each ZIP Code market potential based on data from National Renewable Energy Lab. Mooney, Meghan and Sigrin, Ben, "*Rooftop Energy Potential of Low Income Communities in America REPLICA,"* 2018 (*available at* https://data.nrel.gov/submissions/81).

33 California Energy Commission, *CED 2021: SCE Annual Installed PV Capacity (MW) on New Single Family Homes*, (*available as an Excel sheet*" SCE Data Request - PV Capacity for SF New Homes 2021 Forecast.xlsx").

1. Step 1: SCE ran the Bass Diffusion Model[34] for each CEC forecasting zone and obtained the forecasting zone level parameters (B, P, Q, M).[35]
2. Step 2: SCE ran the Bass Diffusion Model for each ZIP Code adopting the relative forecasting zone's parameter. SCE also recalculated the market potential for each ZIP Code based on NREL's small building data[36] and SCE non-care service account data.[37] The output is the ZIP Code level forecast installation from 2023 to 2032.
3. Step 3: SCE determined the ZIP Code Share of the entire incremental installation then used the ZIP Code-circuit relationship to calculate the share of Circuit X within the ZIP Code Z. Finally, SCE combined the two ratios to get Circuit X's share of the entire SCE service territory.
4. Step 4: SCE applied CEC IEPR 2021 SCE service territory MW incremental forecast[38] to the circuit level by applying the computed share distribution from the previous step.
5. Step 5: Add circuit levels forecasts for residential SF new construction solar PV (described above), and the remaining residential forecast, to get a total residential forecast for each circuit.

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34 The Bass Diffusion Model is an S-curve adoption model used to optimize parameters B, P, Q, and M in order to explain monthly PV adoption patterns. These parameters represent key uncertainties in the model.

35 B: This parameter is price elasticity and represents the behavior or responsiveness of the demand of PV when nothing but the price of PV changes.

P: This parameter is for innovation and represents the behavior of early adopters for technology as well as advertising effects. The value of this parameter may be modelled in a variety of ways.

Q: This parameter is for imitation and represents word-of-mouth adoption and the influence of previous adopters. As with the P parameter, this value may be modelled in a variety of ways.

M: This parameter is the market potential for the technology. Market potential captures the impacts of policy, policy changes, economics, tax laws, customer attitudes, and technology evolution. As with the P and Q parameters, there are a variety of ways to model this parameter.

36 Mooney, Meghan; Sigrin, Ben (2018): *Rooftop Energy Potential of Low Income Communities in America REPLICA*, National Renewable Energy Laboratory. (available at: https://data.nrel.gov/submissions/81)

37 SCE Load Research Group, *Non-care Service Account Data*, (*available internally as an Excel sheet* "Percent_Bills_over_80_by_zipcode_20221019.csv").

38 The IEPR forecast applied was the residential solar PV forecast, with the residential single-family new construction homes forecast first subtracted.

Circuit Level Non-Residential Disaggregation Methodology:

1. CEC IEPR 2021 SCE service territory new construction MW forecast[39] was allocated based on the Title 24 requirement[40].
2. Remaining non-residential existing MW[41] was allocated to all circuits based on the energy use share of each circuit.

4.3.1.3.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

SCE utilized an internally generated shape that incorporates dependability.[42] To estimate the circuit level hourly PV forecast, SCE multiplied its regional dependability shapes by the annual PV forecast at the circuit level.

4.3.1.3.3. AN ILLUSTRATIVE EXAMPLE

Residential SF New Construction Solar PV:

In this illustrative example, Circuit X is forecast to have construction of 13 new residential SF homes in 2023. The total number of SCE new residential SF homes with solar PV forecast in 2023 is 28,248. Therefore, Circuit X's share is 0.046% (13 / 28,248 x 100 = 0.046%). The 2021 IEPR forecasts SCE to have 92.05 MW of new load associated with new residential SF homes with solar PV, thus, Circuit X in 2023 is assigned 0.0423 MW (92.05 MW x 0.046% = 0.0423 MW) related to residential SF new construction solar PV (i.e. a subset of Residential).

Residential Solar PV:

In this example of SCE's residential Solar PV disaggregation method, Circuit X is in ZIP Code Z, which is in the CEC forecasting zone 7 (FZ7). SCE runs the model to estimate growth rate and price elasticity parameters for FZ7 and generate a yearly adoption forecast for ZIP Code Z (13 adoptions in 2023). SCE then divides ZIP Code Z's adoptions by the entire SCE service territory ZIP Code adoptions (25,990) to arrive at 0.05% (13 / 25,990 x 100 = 0.05%). Based on the customer-level adoption propensity model, Circuit X's ratio within ZIP Code Z is 8.88%. SCE combines these ratios to get Circuit X's share of the entire SCE service territory: 0.004% (0.05% x 8.88% = 0.004%).

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39 California Energy Commission, "*CED 2021: SCE Annual Installed PV Capacity (MW) on New Nonres Buildings*," (*available as an Excel sheet* " CED2021_NONRES_PV.xlsx").

40 Title 24 Requirement: 2022 Energy Codes and Standards have requirement for minimum PV/ES Capacity by W/ft2(available at: https://www.energy.ca.gov/sites/default/files/2022-08/CEC-400-2022-010_CMF.pdf, Table 140.10)

41 The IEPR forecast applied was the non-residential solar PV forecast, with the non-residential new construction forecast subtracted.

42 Dependable PV shapes include adjustments to account for factors including, but not limited to, cloud cover, degradation, etc.

The 2021 CEC's Residential PV Forecast[43] minus the SF new construction forecast[44] is 111.19 MW (203.25 MW – 92.05 MW = 111.19 MW). SCE then multiples the CEC forecast by the ratios from Step 3 to get the Circuit X Incremental Forecasts in 2023: 0.0044 MW (111.19 MW x 0.004% = 0.0044 MW). This represents the MW associated with existing homes, which is then added to the Circuit X SF new construction forecast (described above) to get a total residential forecast.

Non-Residential New Construction Solar PV:

In this example of SCE's residential Solar PV disaggregation method, customer data shows that circuit X has 3 nonresidential customers with building type "Food Store" which is under the Title 24 requirement (assume no more customers under other title 24 building types for easier explanation). Based on the codes and standards, new constructed food store needs minimum 2.91 W/sqft PV installation. Customer history and DODGE forecast would estimate 6.51 sqft/customer for food stores in 2023 (DODGE data reflects the sqft forecast for different building types and customer data reflects customer count for different building types). So the W/customer for food store buildings is 18.95(2.91 W/sqft *6.51 sqft/customer = 18.95 W/customer). Then circuit X would have 56.85 W (3*18.95 W/customer = 56.85 W) in 2023 under "Food Store" category. If the total 2023 capacity is calculated to be 3,160,855 W after summing up capacity forecast of all the building under title 24 requirement categories for all circuits, then Circuit X's share is 0.0018% (56.85 W/ 3,160,855 W x 100 = 0.0018%). The 2021 IEPR forecasts SCE to have 34.78 MW of new load associated with new non-residential buildings with solar PV, thus, Circuit X in 2023 is assigned 0.0006 MW (34.78 MW x 0.0018% = 0.0006 MW) related to non-residential new construction solar PV (i.e. a subset of non-residential).

Non-Residential Existing Solar PV:

For non-residential existing Solar PV disaggregation, Circuit X consumes 5,895,973 kWh energy a year. SCE circuits in total consumed 41,911,744,676 kWh. Therefore, Circuit X's share of the total consumption is 0.01407% (5,895,973 kWh / 41,911,744,676 kWh = 0.01407%). The 2021 CEC's non-residential PV Forecast[45] minus the new construction forecast[46] is 132.15 MW (166.92 MW – 34.78 MW = 132.15 MW), so Circuit X's share of non-residential existing PV of 0.0186 MW (0.01407% x 132.15 MW = 0.0186 MW).

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43 California Energy Commission, "*PV and Storage by Forecasting Zone SCE CED 2021*," 2021 (*available internally as an Excel sheet provided via email from CEC* "TN243188_20220520T110457_CED2021 - BTM PV and Storage Capacities.xlsx"). SCE aggregates Forecasting Climate Zones 7 to 11.

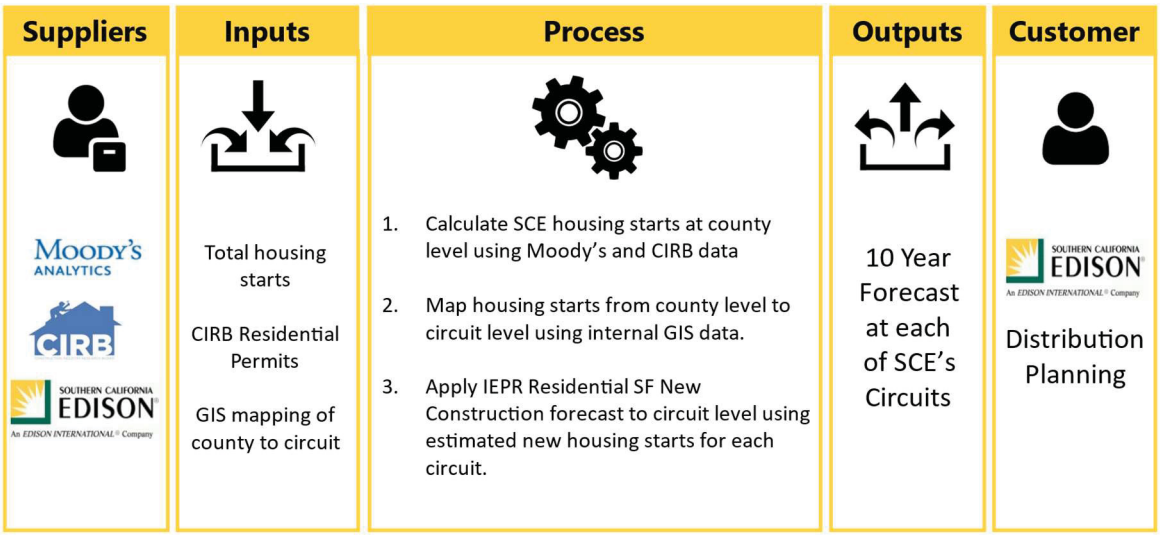
44 California Energy Commission, "*CED 2021: SCE Annual Installed PV Capacity (MW) on New Single Family Homes*," (*available as an Excel sheet "* SCE Data Request - PV Capacity for SF New Homes 2021 Forecast.xlsx").

45 California Energy Commission, "*PV and Storage by Forecasting Zone SCE CED 2021*," 2021 (*available internally as an Excel sheet provided via email from CEC* "TN243188_20220520T110457_CED2021 - BTM PV and Storage Capacities.xlsx"). SCE aggregates Forecasting Climate Zones 7 to 11.

46 California Energy Commission, "*CED 2021: SCE Annual Installed PV Capacity (MW) on New Nonres Buildings*," (*available as an Excel sheet "* CED2021_NONRES_PV.xlsx").

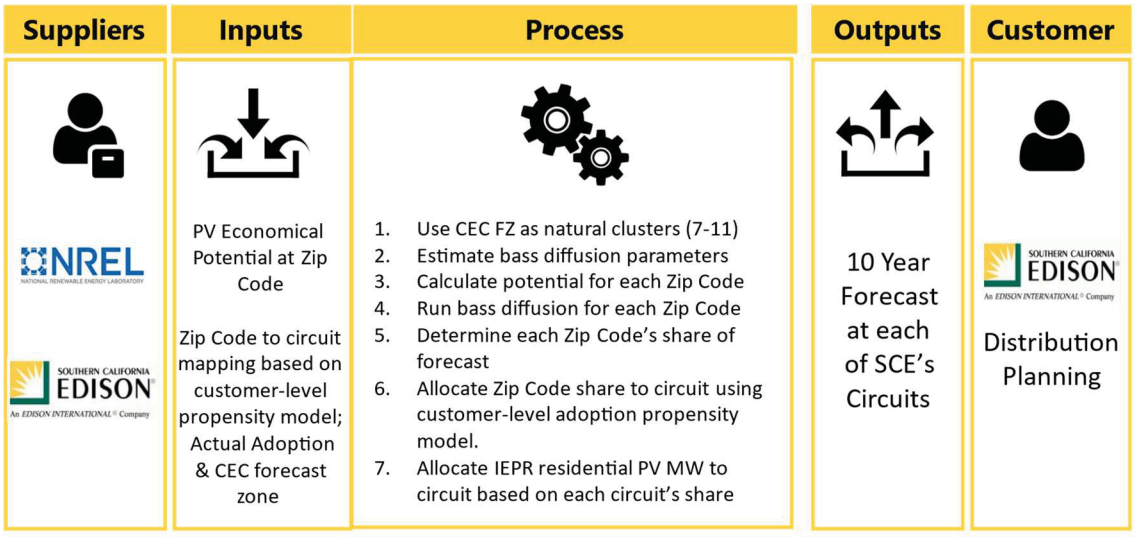
Figure 8 and Figure 9 below display the data sources, inputs, process, and outputs of SCE's single family new construction solar PV and remaining residential and non-residential PV disaggregation process.

FIGURE 8: RESIDENTIAL SF NEW CONSTRUCTION SOLAR PHOTOVOLTAICS FLOWCHART



CIRB: Construction Industries Research Board
*An AAPV forecast is no longer reported in the 2021 IEPR. A single-family (SF) new construction solar PV forecast provided by the CEC (not available on the CEC's website) was subtracted from the total residential PV forecast, and disaggregated similarly to how AAPV was treated in the past.

FIGURE 9: RESIDENTIAL AND NON-RESIDENTIAL SOLAR PHOTOVOLTAICS FLOWCHART



***Remaining Residential Forecast refers to the residual of the Residential forecast after the SF New Construction forecast has been subtracted**
****For Non-Residential PV, SCE allocated the 2021 IEPR non-residential existing PV forecast based on circuit level non-residential energy usage, allocated non-residential new PV forecast based on Title 24 requirement**

4.3.1.4. Energy Storage

SCE leveraged different data sources for disaggregating the energy storage MW forecast from CEC's 2021 IEPR Update demand forecast.[47] The primary data sources include:

1. Circuit-level residential PV share distribution
2. Self-Generation Incentive Program (SGIP) Equity Resiliency Program Database information
3. Circuit level EV allocation in SCE territory
4. Circuit-level peak-to-energy ratios

4.3.1.4.1. METHODOLOGY TO DISAGGREGATE CEC'S ES SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

Circuit Level Residential Disaggregation Methodology:

SCE has observed so far that most residential ES units are paired with PV. SCE employed the circuit-level PV share as the proxy for residential ES distribution. However, a portion of the residential ES forecast was first allocated specifically towards high wildfire threat zones, based on data from the SGIP Equity Resiliency Program. Using the incentive dollars and nameplate capacity from historical application, a future capacity forecast was extrapolated based on remaining incentive dollars. This MW forecast was spread evenly across circuits in high fire threat zones meeting the incentive program requirements. To allocate the remaining residential ES MW forecast based on the CEC's 2021 IEPR, SCE applied a weighted circuit shares used for residential Solar PV and EV[48].

Circuit Level Non-Residential Disaggregation Methodology:

CEC IEPR 2021 SCE service territory new construction MW[49] was allocated from the Title 24 requirement.

Based on observations to date, SCE assumed that most non-residential customers are using energy storage to reduce their peak demand charges. As a result, SCE established the peak to energy ratio (based on historical customer load) as a strong signal for candidate ES adopters. SCE considered the top 25% of non-residential customers with the highest peak to energy ratios as the likely candidates for adopting energy storage system. SCE calculated the number of adopters at each circuit then assigned the share of the likely adopters to each circuit. Finally, SCE applied the share ratio to the remaining 2021 IEPR non-residential storage forecast to get each circuit's non-residential ES forecast.

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47 California Energy Commission, "*PV and Storage by Forecasting Zone SCE CED 2021*," 2021 (available internally as an Excel sheet provided via email from CEC "TN243188_20220520T110457_CED2021 - BTM PV and Storage Capacities.xlsx"). SCE aggregates Forecasting Climate Zones 7 to 11.

48 Internal SCE interconnection data shows correlation between ES, PV, and EV for residential customers.

49 California Energy Commission, "CED 2021: SCE Annual Installed ES Capacity (MW) on New Nonres Buildings," (available as an Excel sheet " CED2021_NONRES_ES.xlsx").

4.3.1.4.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

SCE used separate 8760 hourly profiles for residential customers and non-residential customers. The 2021 IEPR hourly forecasts[50] for residential and non-residential energy storage were scaled to standardized shape to be equal to 100% for each year and then multiplied the 2021 IEPR annual MW to MWh conversion ratio to generate the residential and non-residential energy storage circuit level forecasts.

4.3.1.4.3. AN ILLUSTRATIVE EXAMPLE

In this example of residential storage disaggregation, Circuit X is assumed to be in a High Fire Threat District and eligible for resiliency incentives. Circuit X has circuit length 25.4 miles out of 25764.8 miles total for circuits qualifying for resiliency incentives. The forecasted capacity additions due to the resiliency incentives in 2023 is 6.81 MW, so Circuit X has an allocated share of 0.0067 MW (25.4 miles /25,764.8 miles x 6.81 MW = 0.0044 MW). The additional residential ES capacity not due to resiliency incentives is then considered. Circuit X's residential PV share in 2023 is assumed to be 0.058% and it's EV share is assumed to be 0.033%. SCE assigns the weighted share of PV (75%) and EV (25%) to be energy storage share to Circuit X as 0.052% (0.058%*0.75 + 0.033%*0.25 = 0.052%). CEC's 2021 IEPR residential ES forecast for SCE in 2023, after subtracting the resiliency incentive MW, is 12.40 MW (19.21 MW – 6.81 MW = 12.40 MW). Therefore, Circuit X has 0.0064 MW (12.40 MW x 0.052% = 0.0064 MW) energy storage in 2023 not due to resiliency incentives. The total Circuit X's residential ES forecast is 0.013 MW (0.0067 MW + 0.0064 MW= 0.013 MW).

For non-residential ES new construction disaggregation, the calculation process would be similar with the example in section "Non-Residential New Construction Solar PV", but replace the title 24 requirement from PV W/sqft to ES W/sqft. If circuit X's share is calculated to be 0.021%, the 2021 IEPR forecasts SCE to have 14.38 MW of new load associated with new non-residential buildings with energy storage, then circuit X's non-residential new construction capacity is 0.003 MW (0.021% * 14.38 MW). For non-residential ES existing disaggregation, circuit X's share among the top candidates is assumed to be 0.0433%. CEC IEPR non-residential ES forecast for 2023 is 35.05 MW. Therefore, Circuit X's non-residential ES capacity is 0.015 MW (0.0433% x 35.05 MW MW = 0.015 MW). The total Circuit X's non-residential ES forecast is 0.018MW (0.015 MW + 0.003 MW = 0.018MW).

Figure 10 and Figure 11 below displays the data sources, inputs, process, and outputs of SCE's Energy storage disaggregation process for residential and non-residential categories.

50 California Energy Commission, *CED 2021 Hourly Results* "TN241181_20220114T151539_CED 2021 Hourly Forecast - SCE - Mid Baseline - AAEE Scenario 3 - AAFS Scen.xlsx" https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report/2021-1

FIGURE 10: ENERGY STORAGE (RESIDENTIAL) FLOWCHART

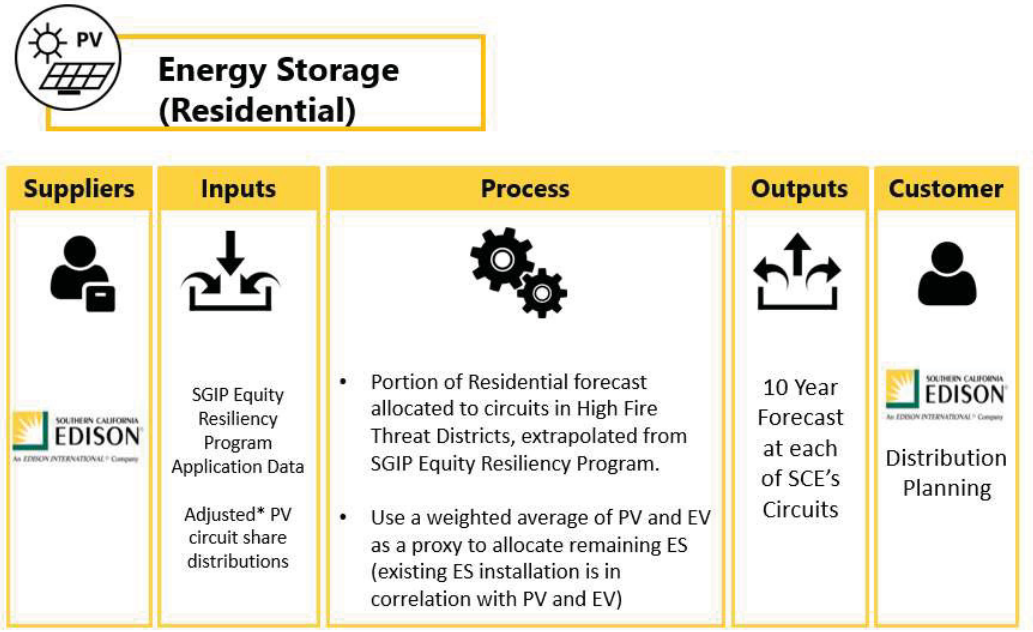
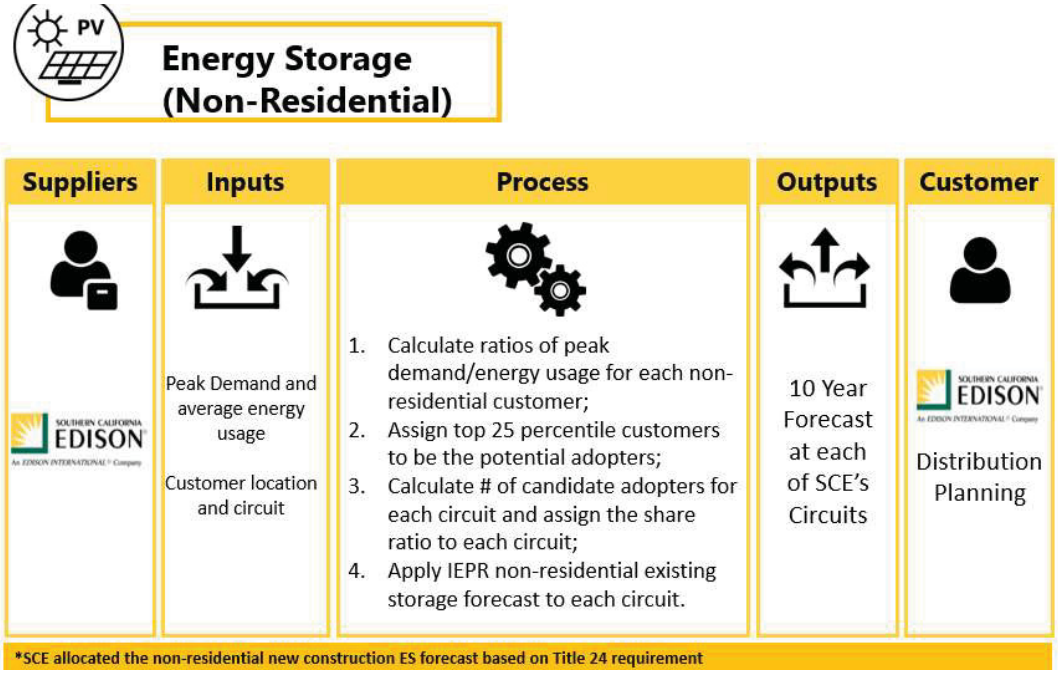


FIGURE 11: ENERGY STORAGE (NON-RESIDENTIAL) FLOWCHART



4.3.1.5. Fuel Substitution (Residential and Non-Residential)

This section describes how SCE disaggregates the CEC's 2021 IEPR's Additional Achievable Fuel Substitution (AAFS) forecast to individual circuits. In September 2022, work commenced updating 2023 DPP. SCE utilized the 2021 AAFS forecast which was the first time that the CEC included the Fuel Substitution load modifier into their IEPR demand

forecast. Fuel Substitution is a generalized definition of many activities largely considered Building Electrification, and the two terms are often used interchangeably.

To ensure consistency with transmission planning activities/California Independent System Operator (CAISO), SCE used AAFS Mid-Mid scenario 3 and the CEC-supplied 2021 AAFS information by sector and end-use. SCE also leverages the following primary data sources to inform the disaggregation:

1. SCE's service territory residential and non-residential energy consumption values for circuits;
2. SCE market research study of customer segmentation by circuits;
3. Distribution of residential building vintage from Redfin mapped to circuits;
4. Housing starts within SCE's service territory from Moody's Analytics;
5. Permit data within SCE's service territory from Construction Industry Research Board (CIRB);
6. Building stock within SCE's service territory from Dodge Analytics;

Lastly, there is a need to specify the hourly AAFS load for each circuit. To accomplish this, SCE used the CEC's FS hourly load shape to further disaggregate AAFS circuit level load into hourly FS load.

4.3.1.5.1. METHODOLOGY TO DISAGGREGATE CEC'S AAFS IEPR SYSTEM LEVEL FORECAST TO SCE'S CIRCUIT LEVEL

Disaggregation of IEPR's system level AAFS forecast uses proportional scaling models that assume FS adoption follows at least one of the following variables: energy use, segmentation, home vintage, housing starts, and building stock. The combination of variables depends on the type of load and the sector. The CEC's Mid-Mid AAFS scenario's load forecast can be broken out into three main categories:

1. FS Programs (FS): Programs that the CPUC works with the IOUs, other program administrators, and vendors to develop programs and measures to transform technology markets within California using ratepayer funds.
2. Title 24 Codes and Standards (T-24): Mandatory California New Construction regulations are designed to reduce wasteful and unnecessary energy consumption in newly constructed and existing buildings.
3. Residual: Any remaining sources of forecast load in the IEPR AAFS forecast after subtracting out the first two sources above.

The first two categories can be further subdivided into Residential and Non-residential sectors, thus giving us five mutually exclusive buckets that the CEC forecast can be separated into. SCE's detailed disaggregation steps are described below for each of these five categories of load:

1. Residential FS Programs:
    a. Step 1 – Compute Allocation Share from Input Data: The first step extracts SCE residential customer's energy use circuit level total annual energy (GWh) using customer-level data from SCE's Customer Database. SCE then calculates a percentage of total annual sector energy use for each circuit. SCE then collects the percent of customers by circuit that are likely to adopt electrification technologies from the SCE market research study and collects percentage of pre-1978 vintage by circuit from Redfin real estate dataset. The three sets of percentages (energy usage, customer segment, and building vintage) are then averaged together to come up with the final circuit allocation factor.

b. Step 2 - CEC AAFS forecasts: SCE receives the Mid-Mid scenario (in GWh) AAFS forecast from the CEC forecasters that denotes AAFS impact by sector for the following programs:
    i. Residential FS programs
a. Step 3 - Disaggregation of FS: This step builds on Step 1 and 2 by using the allocation percent on each circuit and multiplying it by the IEPR forecasted AAFS FS Program impact.

2. Residential T-24:
    a. Step 1 – Adjust Moody's Housing Starts: The first step uses Moody's Analytics' residential housing starts forecast to generate SCE's service territory total housing starts by applying calculated historical SCE's service territory percentage from CIRB permits data.
    b. Step 2 – Map Housing Starts forecast to Circuits: Calculate circuit share for each county using number of customers from SCE's Customer Database.
    c. Step 3 - CEC AAFS forecasts: SCE receives the Mid-Mid scenario (in GWh) AAFS forecast from the CEC forecasters that denotes AAFS impact by sector for the following programs:
        i. Residential Title 24 Codes and Standards
    b. Step 4 - Disaggregation of FS: This step uses the allocation percent on each circuit from Step 2 and multiplies it by the IEPR forecasted AAFS Title 24 Codes and Standards impact from Step 3.
3. Non-Residential FS Programs:
    a. Step 1 – Compute Circuit Allocation Share from SCE Energy Usage: The first step extracts SCE non-residential customer's energy use circuit level total annual energy (GWh) using customer-level data from SCE's Customer Database. SCE then calculates an average customer energy usage by dividing the total energy usage on a circuit by its number of customers. SCE then calculates a percentage of total average annual energy use for each circuit.
    b. Step 2 - CEC AAFS forecasts: SCE receives the Mid-Mid scenario (in GWh) AAFS forecast from the CEC forecasters that denotes AAFS impact by sector for the following programs:
        i. Commercial FS programs
    c. Step 3 - Disaggregation of FS: This step builds on Step 1 and 2 by using the allocation percent on each circuit and multiplying it by the IEPR forecasted AAFS Commercial FS Program impact.
4. Non-Residential T-24:
    a. Step 1 – Compute Circuit Allocation Share: The first step extracts SCE non-residential customer's energy use circuit level total annual energy (GWh) by commercial building type using customer-level data from SCE's Customer Database. SCE then calculates an average customer energy usage by dividing the total energy usage on a circuit by its number of customers. SCE then calculates a percentage of total average annual energy use for each circuit.
    b. Step 2 - CEC AAFS forecasts: SCE receives the Mid-Mid scenario (in GWh) AAFS forecast from the CEC forecasters that denotes AAFS impact by sector for the following programs:
        i. Commercial Title 24 Codes and Standards programs
    d. Step 3 - Disaggregation of FS: This step builds on Step 1 and 2 by using the allocation percent on each circuit and multiplying it by the IEPR forecasted AAFS Commercial FS Program impact.
5. Residual:
    a. Step 1 – Compute Circuit Allocation Share from SCE Energy Usage: The first step extracts SCE customer's energy use circuit level total annual energy (GWh) using customer-level data from SCE's Customer Database. SCE then calculates an average customer energy usage by dividing the total energy usage on a circuit by its number of customers. SCE then calculates a percentage of total average annual energy use for each circuit.

b. Step 2 - CEC AAFS forecasts: SCE receives the Mid-Mid scenario (in GWh) AAFS forecast from the CEC forecasters that denotes AAFS impact by sector for the following programs:
    i. Residual portions of the IEPR forecast from both Residential and Non-Residential sources after subtracting the categories already allocated.
e. Step 3 - Disaggregation of FS: This step builds on Step 1 and 2 by using the allocation percent on each circuit and multiplying it by the residual IEPR AAFS impacts.

4.3.1.5.2. METHODOLOGY TO ESTIMATE CIRCUIT LEVEL 8760 HOURLY FORECAST

Using the CEC supplied 2021 IEPR AAFS Mid-Mid system level 8760 load shapes, SCE unitized the annual hourly load shapes (MW) into hourly percentages where annual FS load percentage equal 100% for each year of the forecast. SCE then multiplied the unitized hourly percentages by the total CEC supplied AAFS forecast. The unitization of hourly load shapes allowed SCE to distribute total SCE service territory FS impacts to hourly increments.

4.3.1.5.3. AN ILLUSTRATIVE EXAMPLE

1. Residential FS Programs:

   In this example, Circuit X's residential customers consume a total of 16 GWh of electricity and SCE's total residential energy use for its whole service territory is 279,000 GWh of electricity. Additionally, 16% of Circuit X's residential customers are likely to adopt electrification technologies, and 35% have homes built prior to 1978. To calculate a disaggregation factor, first Circuits X's residential energy use is divided by total residential energy used, to calculate a disaggregation factor of 0.0057% (16 GWh /279,000 GWh x 100 = 0.0057%). Next, the circuits likeliness for electrification adoption and home share values are normalized across the rest of the circuits (16% / 6697% * 100 = 0.0243% and 35% / 213593% * 100 = 0.0183 %). The final allocation factor is therefore (0.0057% + 0.0243% + 0.0183 %) / 3 = 0.0161%. The portion of the CEC's 2021 IEPR forecast devoted to Residential FS programs in 2023 is 100 MWh, thus, Circuit X in 2023 is assigned 0.0161 MWh (100 MWh * 0.0161% = 0.0161 MWh) related to Residential FS programs.

2. Residential T-24:

   In this illustrative example, Circuit X is forecast to have construction of 13 new residential homes in 2023. The total number of SCE new residential homes forecast in 2023 is 28,248. Therefore, Circuit X's share is 0.046% (13 / 28,248 * 100 = 0.046%). The 2021 IEPR forecasts SCE to have 92.05 MWh of new load associated with new residential homes per Title-24 codes and standards, thus, Circuit X in 2023 is assigned 0.0423 MWh (92.05 MWh * 0.046% = 0.0423 MWh) related to residential new construction (i.e. a subset of Residential).

3. Non-Residential FS Programs:

   In this example, Circuit X's residential customers consume a total of 16 GWh of electricity and SCE's total circuit-averaged non-residential energy use for its whole service territory is 500,000 GWh of electricity. To calculate a disaggregation factor, first Circuits X's average non-residential energy use is divided by total average non-residential energy used, to calculate a disaggregation factor of 0.0032% (16 GWh /500,000 GWh * 100 = 0.0032%). The 2021 IEPR forecasts SCE to have 92.05 MWh of new load associated with new

non-residential buildings per Title-24 codes and standards, thus, Circuit X in 2023 is assigned 0.00295 MWh (92.05 MWh * 0.0032% = 0.00295 MWh) related to non-residential new construction.

4. Non-Residential T-24:

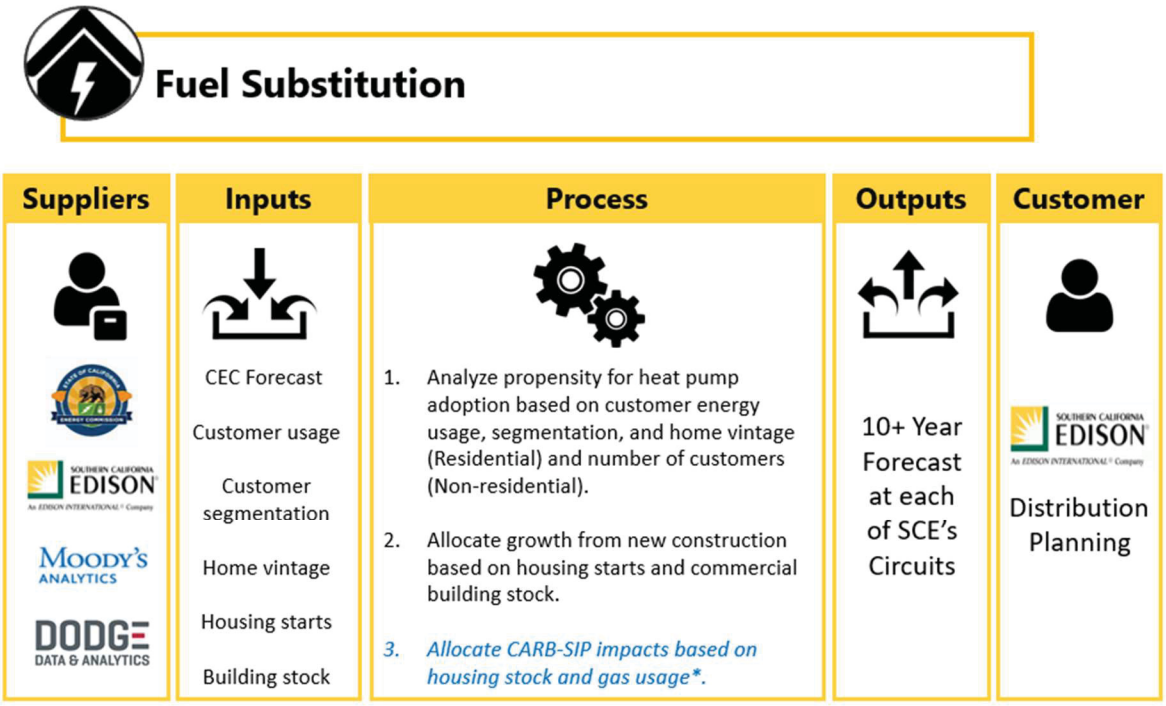
   In this example, customer data shows that Circuit X has 3 non-residential customers with building type "Food Store" which is under the Title 24 requirement (assume no more customers under other building types for simplicity). Customer history and DODGE forecast estimates 6.51 sqft/customer for food stores in 2023 (DODGE data reflects the sqft forecast for different building types and customer data reflects customer count for different building types), thus, Circuit X would have 19.53 sqft (3*6.51 sqft/customer = 19.53 sqft) in 2023 under the "Food Store" category. If the total sqft is calculated to be 25,000 sqft after summing up the sqft forecast of all the building categories for all circuits, then Circuit X's share is 0.0781%. The 2021 IEPR forecasts SCE to have 92.05 MWh of new load associated with new non-residential buildings per Title-24 codes and standards, thus, Circuit X in 2023 is assigned 0.0718 MWh (92.05 MWh * 0.0781% = 0.0718 MWh).

5. Residual:

   In this example, Circuit X's customers consume a total of 8 GWh of electricity and SCE's total average energy use for its whole service territory is 500,000 GWh of electricity. To calculate a disaggregation factor, first Circuits X's average energy use is divided by total average energy used, to calculate a disaggregation factor of 0.0032% (8 GWh / 500,000 GWh * 100 = 0.0016%). The remainder of the 2021 IEPR forecast after removing residential and commercial FS programs and Title-24 building codes and standards is 10 MWh, thus, Circuit X in 2023 is assigned 0. 00016 MWh (10 MWh * 0.0016% = 0.00016 MWh).

Upon completion of calculating Circuit X's load per each of the five categories list above, one simply adds the total MWh to come up with the total MWh in 2023 for Circuit X.

FIGURE 12: FUEL SUBSTITUTION FLOWCHART



*SCE is looking into FS disaggregation methodology changes pending data availability.

5 Methodology to Disaggregate CEC's Load System Level Forecast to SCE's Circuit Level

SCE disaggregated the IEPR Demand Forecast based on an internally developed methodology that considered both local known LGP information and the resulting annual growth from an internally developed econometric model forecast. Below are the main steps SCE utilized to establish a reasonable estimation of where future load growth should be disaggregated utilizing the IEPR Demand Forecast.

1. Step 1: Identify New Customer LGP Information and Apply Representative Sector Load Shapes

   Distribution planners work directly with customers and internal local district personnel organizations at SCE to identify customer requests to serve new LGPs. The LGPs provide valuable information regarding the locations of future customer demand across SCE's distribution circuitry. The LGPs considered for distribution system planning purposes typically do not include small customer load requests unless they are impactful to the local circuity. The distribution planners gather relevant project information including the exact location of the project, size (in demand) of the project, how the customer plans to operate, and the anticipated completion date(s) of the project. The distribution planner identifies the appropriate circuitry in the area to serve the new load. Given that local customer LGP information provides higher certainty around the locational load impact, SCE first considers LGP growth for the identified impacted local areas or circuits

through its load disaggregation process. Only those LGPs that are reflected within the IEPR are included in the initial step of load disaggregation.

Using the size of the project, SCE applies a representative sector load shape to determine the annual energy for calculation of allocation factors that are noted in Step 3.

2. Step 2: Development of the Econometric Forecast and Establishment of Associated Growth

   After considering LGP growth within the disaggregation process, SCE considers an econometric model generated load forecast for disaggregating the remaining IEPR load growth. The time-series econometric models produce 10-year monthly energy and hourly load forecasts for each circuit using historical load profiles, economic and demographic driver data by MSA, and historical weather information based on local weather stations. The econometric forecast uses a two-stage forecasting approach that produces monthly and hourly energy forecasts for each (asset) sequentially.

   Both monthly energy and hourly load forecast models utilize multivariate regression models selected based on best fit criteria with the most recent year data excluded from the models as a holdout period. Typically, the model with the best fit is the model with the lowest Mean Absolute Percent Error (MAPE). SCE also checks on the reasonableness of the established relationships (e.g., positive or negative) between the explanatory variables (e.g., local population growth) and the local load, through the model selection process. The best fitted models are then estimated using the entire available historical data and used for generating 10-year forecasts for different circuits.

   The annual energy from the monthly models is used to calculate the allocation factors that are noted in Step 3.

3. Step 3: Development of Allocation Factors and Disaggregation of IEPR Demand Forecast

   Allocation factors are generated at the distribution circuit level based on the annual growth (in energy) identified from both LGPs and the econometric model load growth forecast. The purpose of allocation factors is to ensure that each circuit receives the appropriate share of the IEPR forecasted growth and to ensure the total IEPR forecasted growth is not exceeded for SCE's service territory. The allocation factors are determined using a level-of-certainty (LOC) analysis which reviews certain categories of consideration associated with a project (e.g., if SCE received an application for the project, the project's load schedule, the project's construction status, etc.) The distribution of load across the 10-year forecast utilizes a combination of project-based allocation factors and LOC to assign yearly load totals across SCE's service territory via a method called "Whirlpool." The allocation factors are calculated using a percent-of-total formula, at the circuit level, which is then multiplied by the available IEPR load growth forecast. The total amount of growth is the summation of the disaggregated growth from LGPs and the econometric model forecast.

5.1 Methodology to Estimate Circuit Level 8760 Hourly Forecast

To estimate the circuit-level hourly load growth forecast, the disaggregated load growth is multiplied by the representative sector shape (for new customer load project growth) or the hourly forecasted load shape (for the time-series econometric model forecasted growth).

5.2 An Illustrative Example

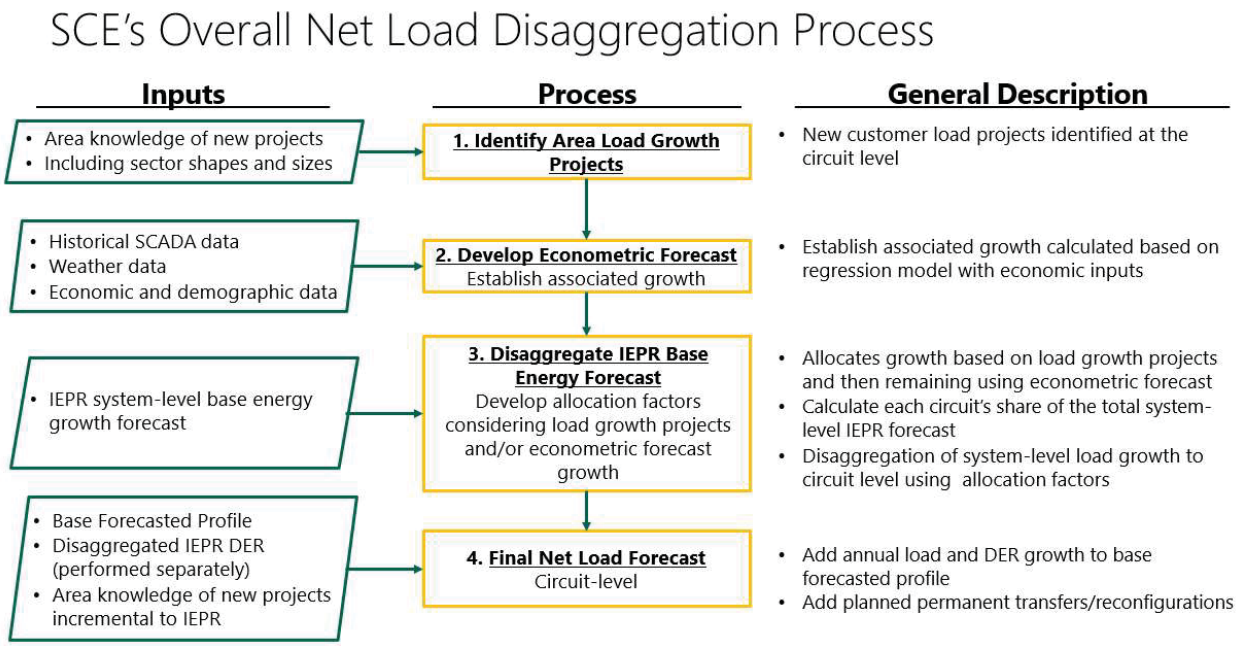
In this example, the total system IEPR load growth to be allocated in a given year is assumed to be 1,000 GWh (e.g., IEPR threshold). All local customer LGP information has been gathered, and after applying representative sector shapes, the total annual LGP growth (in energy) is anticipated to be 700 GWh. SCE has been notified by a potential new customer that they will be installing a new industrial plant (or LGP), and the estimated peak loading will be approximately 1.5 MW. This project was included as part of the 700 GWh. Using the industrial sector representative shape, the 1.5 MW is anticipated to be 9.07 GWh of annual energy.

An econometric forecast is developed for the circuit impacted by the LGP above, and it estimates additional growth of 0.62 GWh of annual energy. In addition, the total system-wide growth from the econometric model forecast for any given year is anticipated to be 400 GWh of annual energy. Circuit allocation factors are calculated separately to determine the respective shares of both customer LGP and econometric forecast growth to be disaggregated. It is found that a 0.013 allocation factor (9.07 GWh / 700 GWh = 0.013) will be applied for the new industrial plant, and a 0.0016 allocation factor (0.62 GWh / 400 GWh = 0.0016) will be applied based on the Econometric Forecast Growth.

Given that the IEPR has 1,000 GWh of available growth for disaggregation, all 700 GWh of LGP growth is allocated. Therefore, the total growth disaggregated to the circuit for the customer LGP is 9.07 GWh (0.013 x 700 GWh = 9.07 GWh). The remaining available total system IEPR load growth to be disaggregated is 300 GWh, and that would be disaggregated based on the Econometric Forecast Growth. The total growth disaggregated to the circuit based on the econometric forecast is 0.48 GWh (0.0016 x 300 GWh = 0.48 GWh). Although there was 400 GWh of anticipated growth from the econometric model forecast, it was constrained by the remaining total system IEPR load growth available (1,000 GWh – 700 GWh = 300 GWh) after considering disaggregating growth related to the LGPs available.

The disaggregated 9.07 GWh of annual energy related to the customer LGP is then multiplied by the industrial representative sector shape to estimate the circuit-level hourly load growth. The disaggregated 0.48 GWh of annual energy based on the econometric forecast would then be multiplied by the hourly forecasted load shape to estimate the circuit-level hourly load growth. Both profiles would be added together and integrated with the DER growth profiles to generate the hourly net load forecast. SCE's existing planning software utilizes single point-in-time analysis. The values used in the planning software are extracted from the forecasted profiles and are coincident to the forecasted peak time. The 9.07 GWh could result in 0.8MW which is lower than the maximum 1.5MW requested demand. Figure 13 below displays SCE's load disaggregation process.

FIGURE 13: LOAD DISAGGREGATION FLOWCHART



5.3 Assumptions, Impacts of these Assumptions, and Details that Impact the Forecast

SCE's annual DPP produces a 10-year forecast, and as in every forecast, it contains assumptions that may change annually, including, but not limited to the following: input information, distribution system configuration, planning tool advancements, and planning process enhancements. Given these assumptions, it should be assumed that every annual forecast is applicable until a new forecast is developed. It is difficult to assess the annual impact of these assumptions due to the many variables. SCE seeks to reduce volatility between forecasts but deems it appropriate to incorporate new information as it becomes available.

One of the primary areas that may drive significant change within the forecast is related to input information. It is assumed that the following input information is only relevant to the present forecast:

1. 2021 IEPR Forecast for respective Load and DERs
2. Economic and Demographic forecast data used by the econometric models
3. Historical Asset (e.g., Circuits) Characteristics
4. Customer Project Information
5. Weather Station Information
6. Historical Temperature Data
7. Historical Recorded Demand (or net demand serving as the foundation of forecast)

SCE is currently in the process of implementing its LTPT and modernizing its current planning process. The development of the LTPT has spurred advances in software and methodologies that have created a more informed planning process via the use of loading profiles (i.e., 8760s) as part of the disaggregation process. It is anticipated

that SCE will transition to a fully profile-based forecast after full implementation of LTPT. Therefore, this could lead to additional forecast improvement and further changes in the future.

6. Known Load Projects Overview

This section illustrates how SCE is addressing Reform 2.6 from the 2022 DIDF Ruling. This reform directly relates to how known load projects or LGPs are tracked and whether LGPs materialize.

Reform 2.6 requires the IOU's GNA/DDOR filings to include a detailed review of known load projects, including but not limited to, types of loads, number, amounts, and timing. A summary shall also be included similar to the evaluation provided in Section 3 of the March 17, 2022 IPE Report.

6.1 Understanding the Known Load Projects

The Known Load Projects (LGPs) report that accompanies SCE's 2023 DDOR filing includes the following information: the impacted circuit, unique project identifier, load type, load category, IEPR status, requested load amount, initial service request date, current expected in-service date, status, actual in-service date, and actual load amount.

In a ruling by an administrative law judge under the CPUC, the usage of the term "Load Sector" in relation to Known Load Project tracking shall be replaced by "Load Type" across the IOU's GNA/DDOR filings. The "Load Type" represents whether the LGPs are Agriculture, Commercial, Residential, Industrial, Transportation or Energy Storage. SCE does not have any projects that are classified as the Energy Storage type.

The "Load Category" is a subset category of each of the six load types. For example, the Commercial type may include load categories of Education, Health Care, Business, and Other.

The "IEPR Status" represents where the LGPs are Embedded or Incremental (see Section 4.2). Embedded known loads are those that SCE identifies are already accounted for in the CEC IEPR forecasts and Incremental known loads are those in addition to the CEC IEPR forecast (see Section 4.2). SCE utilizes the "Whirlpool" method (see Section 0) to ensure that Embedded known loads and Econometric load growth included in any year do not exceed the CEC IEPR forecast for that year.

The "Requested Load Amount (MVA)" represents the total load amount requested by the LGP over 10 years of the planning process. This is the amount the customer requests and does not account for loading adjustments that take place in SCE's load disaggregation process.

The "Initial Service Request Date" represents the date when the LGP was entered into SCE's project database.

The "Current Expected In-Service Date" and the "Actual Service Date" represent the date the LGP is expected to be energized. SCE does not track historical in-service dates, in cases where SCE does not have enough data to determine the actual year an existing LGP was energized, the first day (January 1) of the earliest year that load occurs in the latest planning cycle will be filled for this project. For example, some customers have been in service for many years but request more load over time in the same location as business expands. SCE monitors the increase of load over time by keeping track of load schedules moving forward but not when service was initially provided.

The "Status" indicates whether the service request was completed, cancelled, ongoing, or new.

The "Actual Load Amount" is not available for the 2023 GNA/DDOR filing. SCE will further explore how to include this information in future filings.

Below are the known load metrics spelled out by the IPE in the 2023 Final IPE Post DPAG Report.[51]

1. Total of all known loads (MW or MVA and number of known loads)

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	1335.80	828.68	423.70	245.29	187.09	60.18	31.99	35.53	42.50	26.88		3217.65
PY23		1501.29	972.05	770.32	436.55	316.71	111.14	48.89	55.50	50.12	6.30	4268.89

Calculation Methodology:

The values are obtained by taking the summation of every known load for a given year.

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	1216	632	265	120	88	38	26	13	8	3		2409
PY23		1213	607	283	196	139	47	23	18	13	2	2541

Calculation Methodology:

The values are obtained by taking a count of the projects, for a given year, that do not have a loading value equal to 0.

2. Total of all known loads by category and type (MW or MVA and number of known loads)

Calculation Methodology:

The same calculation methodologies as in requirement (1), along with the use of type and category filters, are used to obtain the two tables for this requirement.

[51] Resource Innovations, 2023 Independent Professional Engineer, Final IPE Post DPAG Report, Mar. 29, 2023, p. 31.

Agriculture/Agriculture

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	40.04	5.38	0	0	0	0	0	0	0	0		45.42
PY23		14.27	9.57	0	0	0	0	0	0	0	0	23.84

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	110	5	0	0	0	0	0	0	0	0		115
PY23		42	4	0	0	0	0	0	0	0	0	46

Commercial/Commercial

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	393.76	218.12	107.40	33.82	34.72	11.98	12.10	6.04	5.04	4.14		827.12
PY23		365.21	178.88	191.82	86.03	25.05	22.96	4.79	11.19	11.62	0.10	897.66

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	395	188	77	32	21	9	10	4	2	1		739
PY23		341	131	65	37	15	11	8	4	5	1	618

Commercial/Education

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	21.99	9.05	0.82	1.92	2.06	0	0.33	0	0	0		36.16
PY23		11.57	9.12	1.60	2.06	0	0	0	0	0	0	24.34

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	23	9	2	2	1	0	1	0	0	0		38
PY23		16	7	1	1	0	0	0	0	0	0	25

Commercial/Health Care

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	20.42	16.47	9.62	10.12	1.40	0	0	0	0	0		58.03
PY23		36.20	14.21	13.52	3.00	0	0	0	0	0	0	66.93

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	23	12	3	3	1	0	0	0	0	0		42
PY23		24	8	6	1	0	0	0	0	0	0	39

Commercial/Business

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	193.44	120.68	58.09	19.74	16.68	3.50	3.00	1.00	0	0		416.14
PY23		137.45	92.96	98.25	41.68	17.58	16.36	5.61	7.05	6.53	0.10	423.56

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	215	109	45	12	9	4	4	2	0	0		400
PY23		160	70	31	14	10	8	5	3	3	1	305

Commercial/Other

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	157.90	71.92	38.86	2.04	14.58	8.48	8.77	5.04	5.04	4.14		316.79
PY23		179.99	62.60	78.46	39.30	7.47	6.61	-0.82	4.14	5.09	0	382.83

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	134	58	27	15	10	5	5	2	2	1		259

PY23		141	46	27	21	5	3	3	1	2	0	249

Industrial/Industrial

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	568.24	365.95	187.10	149.32	112.80	19.08	6.50	1.50	7.49	1.50		1419.48
PY23		572.35	382.21	210.35	129.61	63.07	61.66	0	5.99	0	0	1425.23

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	281	182	59	26	29	5	2	1	2	1		588
PY23		316	156	59	38	16	11	0	1	0	0	597

Industrial/Plants

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	80.07	40.84	5.97	0	6.39	0	0	0	0	0		133.27
PY23		81.25	38.82	10.44	9.48	0	6.60	0	0	0	0	146.58

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	58	25	6	0	2	0	0	0	0	0		91
PY23		52	18	7	3	0	2	0	0	0	0	82

Industrial/Facilities

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	143.06	106.37	42.42	27.70	17.10	13.50	1.50	1.50	1.50	1.50		356.15
PY23		119.39	127.83	87.39	31.82	23.41	7.46	0	0	0	0	397.29

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	89	46	20	11	6	4	1	1	1	1		180

PY23		84	63	31	11	11	6	0	0	0	0	206

Industrial/Cultivation

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	324.53	195.45	121.45	113.87	83.31	5.58	5.00	0	5.99	0		855.18
PY23		325.86	188.37	106.15	88.31	39.66	47.60	0	5.99	0	0	801.94

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	113	101	29	13	19	1	1	0	1	0		278
PY23		154	66	18	24	5	3	0	1	0	0	271

Industrial/Other

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	20.58	23.30	17.25	7.75	6.00	0	0	0	0	0		74.88
PY23		45.85	27.19	6.38	0	0	0	0	0	0	0	79.41

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	21	10	4	2	2	0	0	0	0	0		39
PY23		26	9	3	0	0	0	0	0	0	0	38

Residential/Residential

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	167.89	156.77	97.08	61.85	39.28	29.12	13.39	27.99	29.97	21.24		644.58
PY23		178.16	134.00	88.72	56.28	51.94	26.52	44.10	38.32	38.50	6.20	662.74

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	257	206	115	61	37	24	14	8	4	1		727
PY23		233	165	90	51	39	25	15	13	8	1	640

Residential/Home Construction

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	158.08	140.39	91.95	60.97	39.28	29.12	13.39	27.99	29.97	21.24		612.37
PY23		158.93	122.51	84.10	55.08	51.14	26.52	44.10	38.32	38.50	6.20	625.41

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	245	189	109	59	37	24	14	8	4	1		690
PY23		212	152	85	49	38	25	15	13	8	1	598

Residential/Other

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	9.81	16.38	5.13	0.88	0	0	0	0	0	0		32.21
PY23		19.22	11.49	4.62	1.20	0.80	0	0	0	0	0	37.33

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	12	17	6	2	0	0	0	0	0	0		37
PY23		21	13	5	2	1	0	0	0	0	0	42

Transportation/Transportation

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	165.86	82.46	32.13	0.30	0.30	0	0	0	0	0		281.05
PY23		371.31	267.39	279.43	164.64	176.66	0	0	0	0	0	1259.42

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	173	51	14	1	1	0	0	0	0	0		240
PY23		281	151	69	70	69	0	0	0	0	0	640

Transportation/LD EV

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	149.30	65.57	15.33	0	0	0	0	0	0	0		230.20
PY23		280.14	222.67	267.90	162.37	176.13	0	0	0	0	0	505.96

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	159	42	9	0	0	0	0	0	0	0		210
PY23		235	133	64	67	67	0	0	0	0	0	566

Transportation/MDHD EV

Total MVA of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	16.56	16.89	16.80	0.30	0.30	0	0	0	0	0		50.85
PY23		91.17	44.72	11.53	2.27	0.53	0	0	0	0	0	150.21

Number count of all known loads by year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Grand Total
PY22	14	9	5	1	1	0	0	0	0	0		30
PY23		46	18	5	3	2	0	0	0	0	0	74

3. Annual Change (relative to the previous Tracking Data submitted by the utility) in total of all known loads (MW or MVA, %7 and number of known loads)

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
255.88	129.22	53.89	-0.49	44.48	29.39	5.96	5.75	13.83	537.90

Calculation Methodology:

The values are obtained by taking the difference of loading values for a given year in PY22 and PY23; year 2022 and 2032 are excluded. Once this is done for every project, a summation function is utilized to obtain the annual change in total of all known loads. The calculation methodology does not include projects that have no loading for PY22 or PY23.

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		30.88%	30.50%	21.97%	-0.26%	73.92%	91.87%	16.76%	13.53%	51.45%	
PY23		17.04%	13.29%	7.00%	-0.11%	14.05%	26.44%	12.18%	10.36%	27.59%	

Calculation Methodology:

The values are obtained by dividing the annual change in total of all known loads by the total known loads of PY22 and PY23 for a given year; year 2022 and 2032 are excluded. The calculation methodology does not include projects that have no loading for PY22 or PY23.

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
456	171	79	36	26	18	7	7	5	805

Calculation Methodology:

The values are obtained by taking a total count of projects that have a change in load (from PY22 to PY23) for a given year; a load change of 0 is not counted.

4. Annual Change (relative to the previous Tracking Data submitted by the utility) in total of all known loads and also broken out by category and type (MW or MVA, % and number of known loads)

Calculation Methodology:

The same calculation methodologies as in requirement (3), along with the use of type and category filters, are used to obtain the three tables for this requirement.

Agriculture/Agriculture

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
1.31	2.18	0	0	0	0	0	0	0	3.48

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		24.28%	0	0	0	00	0	0	0	0	
PY23		9.15%	22.75%	0	0	0	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
8	1	0	0	0	0	0	0	0	9

Commercial/Commercial

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
78.59	34.38	20.10	-4.54	2.16	5.60	2.50	2.50	5.00	146.29

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		36.03%	32.01%	59.42%	-13.08%	18.00%	46.29%	41.39%	49.60%	120.77%	
PY23		21.52%	19.22%	10.48%	-5.28%	8.61%	24.39%	52.21%	22.34%	43.03%	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
162	55	18	8	6	5	1	1	1	257

Commercial/Education

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
1.73	4.60	0	0	0	0	0	0	0	6.33

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		19.12%	558.25%	0.00%	0.00%	0	0.00%	0	0	0	
PY23		14.95%	50.47%	0.00%	0.00%	0	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
8	2	0	0	0	0	0	0	0	10

Commercial/Health Care

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
1.88	2.84	-3.06	1.60	0	0	0	0	0	3.27

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		11.41%	29.51%	-30.21%	114.75%	0	0	0	0	0	
PY23		5.19%	19.99%	-22.61%	53.43%	0	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
7	6	1	2	0	0	0	0	0	16

Commercial/Business

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
34.80	17.60	14.11	-7.64	3.66	6.60	2.50	2.50	5.00	79.11

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		28.83%	30.29%	71.47%	-45.81%	104.49%	220.00%	250.00%	0	0	
PY23		25.32%	18.93%	14.36%	-18.34%	20.81%	40.35%	44.58%	35.45%	76.53%	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
88	35	13	5	5	4	1	1	1	153

Commercial/Other

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
40.18	9.35	9.05	1.50	-1.50	-1.00	0	0	0	57.58

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		55.87%	24.06%	442.95%	10.29%	-17.69%	-11.40%	0.00%	0.00%	0.00%	
PY23		22.33%	14.93%	11.53%	3.82%	-20.08%	-15.14%	0.00%	0.00%	0.00%	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
59	12	4	1	1	1	0	0	0	78

Industrial/Industrial

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
104.75	78.94	18.06	-2.95	32.58	16.83	-1.50	-1.50	-1.50	243.70

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		28.62%	42.19%	12.09%	-2.62%	170.74%	258.88%	-100.00%	-20.03%	-100.00%	
PY23		18.30%	20.65%	8.58%	-2.28%	51.65%	27.29%	0	-25.04%	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
104	41	18	6	5	4	1	1	1	181

Industrial/Plants

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
9.55	3.90	3.12	3.80	0	0.60	0	0	0	20.97

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		23.37%	65.32%	0	59.47%	0	#DIV/0!	0	0	0	
PY23		11.75%	10.05%	29.90%	40.08%	0	9.09%	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
16	2	3	1	0	1	0	0	0	23

Industrial/Facilities

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
-15.99	44.78	29.03	-1.37	-1.02	0.23	-1.50	-1.50	-1.50	51.15

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		-15.03%	105.55%	104.79%	-8.03%	-7.58%	15.13%	-100%	-100%	-100%	
PY23		-13.39%	35.03%	33.22%	-4.32%	-4.37%	3.04%	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
37	24	10	3	3	2	1	1	1	82

Industrial/Cultivation

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
102.55	24.76	-12.14	-0.38	33.60	16.00	0	0	0	164.40

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		52.47%	20.39%	-10.66%	-0.46%	602.15%	320.00%	0	0.00%	0	
PY23		31.47%	13.15%	-11.44%	-0.43%	84.71%	33.61%	0	0.00%	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
41	12	3	1	2	1	0	0	0	60

Industrial/Other

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
8.64	5.50	-1.95	-5.00	0	0	0	0	0	7.19

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		37.09%	31.88%	-25.16%	-83.33%	0	0	0	0	0	
PY23		18.84%	20.23%	-30.59%	0	0	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
10	3	2	1	0	0	0	0	0	16

Residential/Residential

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total

19.44	17.39	6.20	5.26	9.75	6.96	4.96	4.75	10.33	85.04

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		12.40%	17.91%	10.03%	13.39%	33.48%	51.98%	17.70%	15.85%	48.64%	
PY23		10.91%	12.97%	6.99%	9.35%	18.77%	26.25%	11.24%	12.39%	26.83%	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
118	66	40	21	15	9	5	5	3	282

Residential/Home Construction

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
17.99	17.41	5.90	4.86	9.75	6.96	4.96	4.75	10.33	82.91

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		12.82%	18.93%	9.68%	12.37%	33.48%	51.98%	17.70%	15.85%	48.64%	
PY23		11.32%	14.21%	7.02%	8.82%	19.06%	26.25%	11.24%	12.39%	26.83%	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
112	62	38	20	15	9	5	5	3	269

Residential/Other

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
1.45	-0.02	0.30	0.40	0	0	0	0	0	2.13

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		8.83%	-0.39%	33.98%	0	0	0	0	0	0	

PY23		7.52%	-0.17%	6.50%	33.33%	0.00%	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
6	4	2	1	0	0	0	0	0	13

Transportation/Transportation

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
51.79	-3.68	9.53	1.74	0	0	0	0	0	59.39

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		62.81%	-11.44%	3177.17%	580.00%	0	0	0	0	0	
PY23		13.95%	-1.37%	3.41%	1.06%	0.00%	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
64	8	3	1	0	0	0	0	0	76

Transportation/LD EV

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
46.74	4.91	2.58	0	0	0	0	0	0	54.24

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		71.29%	32.05%	0	0	0	0	0	0	0	
PY23		16.69%	2.21%	0.96%	0.00%	0.00%	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total

60	5	1	0	0	0	0	0	0	66

Transportation/MD/HD EV

Annual change, relative to the previous tracking data PY22, in total of all known loads (MVA):

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
5.05	-8.59	6.95	1.74	0	0	0	0	0	5.15

Total annual change of total loading values in PY22 and PY23 per year:

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PY22		29.89%	-51.13%	2316.67%	580.00%	0	0	0	0	0	
PY23		5.54%	-19.21%	60.30%	76.82%	0.00%	0	0	0	0	

Number count of all annual change that occurs by year:

2023	2024	2025	2026	2027	2028	2029	2030	2031	Grand Total
4	3	2	1	0	0	0	0	0	10

5. Service Amount Deferred (MW or MVA) (MW or MVA, %)

Total Service Amount Deferred:	Service Amount Deferred (Deferred1):	Service Amount Deferred (Deferred2):	Service Amount Deferred (Deferred3):
796.9987	45.6025	25.382	726.0142

Calculation Methodology:

All projects that have service amount deferred, labelled as Deferred1, Deferred2, or Deferred3, are aggregated to obtain the total service amount deferred.

Deferred1: Final load year has moved to the right in PY23

Calculation Methodology:

For projects defined as “Deferred1”, the service amount deferred is obtained by looking at the total amount of PY23 loading after the common final load year between PY22 and PY23.

Deferred2: Initial load year has moved to the right in PY23

Calculation Methodology:

For projects defined as “Deferred2”, the service amount deferred is obtained by looking at the total amount of PY22 loading before the year that correlates to the first year of load in PY23. One project (134857) has the properties to be labeled as “Deferred2” but has clear additional loading in PY22 that has shifted to the right in PY23 after the first year; this was included in the service amount deferred.

Deferred3: Both initial and final year has moved to the right in PY23

Calculation Methodology:

For projects defined as “Deferred3”, the service amount deferred is calculated by using a function to analyze the individual loadings in PY22 of a project, removing the loading values that have not been deferred, and calculating the sum of the remaining load in other years. Any load that is in the year 2022 is added into the final summation calculation.

6. Service Deferral Rate Total (%)

Service Deferral Rate Total:	Service Deferral Rate Total (Deferred1):	Service Deferral Rate Total (Deferred2):	Service Deferral Rate Total (Deferred3):
56.345%	1.396%	0.635%	54.315%

Calculation Methodology:

The service deferral rate total is calculated by taking the number of projects labelled Deferred1, Deferred2, and Deferred3 and dividing each amount by the total number of projects that have loading in both PY22 and PY23. To obtain the general service deferral rate total, the number of projects labelled Deferred1, Deferred2, or Deferred3 is aggregated and divided by the total number of projects.

7. Service Deferral Rate by Category and type (%)

Type/Category	Total Deferred	Deferred1	Deferred2	Deferred3
Agriculture/Agriculture:	5.479%	0.000%	0.000%	5.479%
Commercial/Commercial:	20.716%	0.000%	0.000%	20.716%
Commercial/Education:	16.667%	0.000%	0.000%	16.667%
Commercial/Health Care:	17.391%	0.000%	0.000%	17.391%
Commercial/Business:	24.211%	0.000%	0.000%	24.211%
Commercial/Other:	17.516%	0.000%	0.000%	17.516%
Industrial/Industrial:	14.645%	0.740%	0.296%	13.609%
Industrial/Plants:	14.655%	0.862%	0.000%	13.793%
Industrial/Facilities:	19.540%	1.149%	1.149%	17.241%
Industrial/Cultivation:	11.209%	0.590%	0.000%	10.619%

Industrial/Other:	21.277%	0.000%	0.000%	21.277%
Residential/Residential:	24.839%	0.857%	0.642%	23.340%
Residential/Home Construction:	25.822%	0.939%	0.704%	24.178%
Residential/Other:	14.634%	0.000%	0.000%	14.634%
Transportation/Transportation:	10.279%	0.348%	0.000%	9.930%
Transportation/LD EV:	10.800%	0.000%	0.000%	10.800%
Transportation/MD/HD EV:	6.757%	2.703%	0.000%	4.054%

Calculation Methodology:

To obtain the "Total Deferred", the number of projects labelled Deferred1, Deferred2, or Deferred3 is aggregated and divided by the total number of projects of the same category and type. The service deferral rate by type and category, for the three classes of deferred, is calculated by taking the number of projects labelled Deferred1, Deferred2, and Deferred3 and dividing each amount by the total number of projects of the same category and type.

8. Cancellation Rate Total (%)

Cancellation Rate Total: 5.199%

Calculation Methodology:

The cancellation rate total is calculated by taking the number of "cancelled" projects and dividing the value by the total number of projects.

9. Cancellation Rate by category and type (%)

Type/Category	Cancellation Rate
Agriculture/Agriculture:	1.370%
Commercial/Commercial:	3.964%
Commercial/Education:	4.762%
Commercial/Health Care:	2.174%
Commercial/Business:	3.421%
Commercial/Other:	4.777%
Industrial/Industrial:	4.734%
Industrial/Plants:	2.586%
Industrial/Facilities:	2.874%
Industrial/Cultivation:	6.195%
Industrial/Other:	6.383%
Residential/Residential:	3.854%
Residential/Home Construction:	3.756%

Residential/Other:	4.878%
Transportation/Transportation:	10.105%
Transportation/LD EV:	11.000%
Transportation/MD/HD EV:	4.054%

Calculation Methodology:

The cancellation rate by category and type is calculated by taking the total number of "cancelled" projects of a selected category and type and dividing the value by the total number of respective projects.

10. Service Request Amount Increase Rate Total and Average Amount (%, MW or MVA)

Service Request Amount Increase Rate Total	Average Amount Increase
9.410%	2.277

Calculation Methodology:

The "Service Request Amount Increase Rate Total" is obtained by aggregating the service request amount plan year differences, that are an increase change, of every project (excluding those that have no loading for PY22 or PY23) and dividing the result by the aggregation total of the PY22 service request amounts of the same projects. The "Average Amount Increase" is obtained by taking the average of the service request amount plan year differences that are an increase change.

11. Service Request Amount Increase Rate by category/type and Average Amount (%, MW or MVA)

Type/Category	Service Request Amount Increase Rate	Average Amount Increase
Agriculture/Agriculture:	2.561%	0.196
Commercial/Commercial:	5.687%	1.253
Commercial/Education:	12.899%	0.478
Commercial/Health Care:	0.000%	0.000
Commercial/Business:	8.382%	1.930
Commercial/Other:	2.762%	0.613
Industrial/Industrial:	12.405%	5.614
Industrial/Plants:	13.634%	1.563
Industrial/Facilities:	11.729%	4.406
Industrial/Cultivation:	13.983%	9.392
Industrial/Other:	0.085%	0.050
Residential/Residential:	9.027%	1.644
Residential/Home Construction:	9.493%	1.707
Residential/Other:	0.021%	0.005

Transportation/Transportation:	3.839%	0.353
Transportation/LD EV:	5.046%	0.366
Transportation/MD/HD EV:	0.614%	0.200

Calculation Methodology:

The "Service Request Amount Increase Rate" is obtained by aggregating the service request amount plan year differences, that are an increase change, of type/category filtered projects (excluding those that have no loading for PY22 or PY23) and dividing the result by the aggregation total of the PY22 service request amounts of the same projects. The "Average Amount Increase" is obtained by taking the average of type/category filtered projects with service request amount plan year differences that are an increase change.

12. Service Request Amount Decrease Rate Total and Average Amount (%, MW or MVA)

Service Request Amount Decrease Rate Total	Average Amount Decrease
-10.830%	-1.061

Calculation Methodology:

The "Service Request Amount Decrease Rate Total" is obtained by aggregating the service request amount plan year differences, that are a decrease change, of every project (excluding those that have no loading for PY22 or PY23) and dividing the result by the aggregation total of the PY22 service request amounts of the same projects. The "Average Amount Decrease" is obtained by taking the average of the service request amount plan year differences that are a decrease change.

13. Service Request Amount Decrease Rate by category/type and Average Amount (%, MW or MVA)

Type/Category	Service Request Amount Decrease Rate	Average Amount Decrease
Agriculture/Agriculture:	-13.754%	-0.526
Commercial/Commercial:	-15.423%	-1.226
Commercial/Education:	-2.921%	-0.325
Commercial/Health Care:	-13.334%	-1.141
Commercial/Business:	-16.814%	-1.253
Commercial/Other:	-14.727%	-1.245
Industrial/Industrial:	-9.559%	-2.060
Industrial/Plants:	-14.971%	-0.981
Industrial/Facilities:	-17.345%	-2.172
Industrial/Cultivation:	-5.051%	-2.467
Industrial/Other:	-11.715%	-2.301

Residential/Residential:	-10.417%	-0.603
Residential/Home Construction:	-10.135%	-0.585
Residential/Other:	-15.860%	-0.960
Transportation/Transportation:	-3.349%	-0.267
Transportation/LD EV:	-4.372%	-0.272
Transportation/MD/HD EV:	-0.614%	-0.200

Calculation Methodology:

The "Service Request Amount Decrease Rate" is obtained by aggregating the service request amount plan year differences, that are a decrease change, of type/category filtered projects (excluding those that have no loading for PY22 or PY23) and dividing the result by the aggregation total of the PY22 service request amounts of the same projects. The "Average Amount Decrease" is obtained by taking the average of type/category filtered projects with service request amount plan year differences that are a decrease change.

The metrics below start over at 1, as set forth in the 2023 IPE Post-DPAG Report; in total there are 13.[52]

1. Service Deferral Rate (%) in first, second, third and fourth year after initial inclusion as a known load by type and category of known load.

Calculation Methodology:

The values are obtained by taking an annual count of deferred known loads (Deferred1, Deferred2, and Deferred3) that occur in the first four PY22 years after the initial inclusion year (Initial Service Request Date); type and category filters are used during the process. The individual counts are then divided by the total count of projects that occur in their respective initial inclusion years by type/category.

Agriculture/Agriculture

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	13.636%	5.128%	0	0
	2023	0	0	2.564%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0

[52] Final IPE Post DPAG Report, Mar. 29, 2023, p. 32.

	2026	0	0	0	0	0

Commercial/Commercial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	22.989%	26.241%	26.484%	0	0
	2023	0	11.348%	3.196%	0	0
	2024	0	0	0.913%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Education

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	11.111%	23.529%	0	0
	2023	0	11.111%	5.882%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Health Care

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	25.000%	37.500%	0	0
	2023	0	16.667%	25.000%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Business

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	28.261%	28.000%	29.204%	0	0
	2023	0	14.667%	1.770%	0	0
	2024	0	0	1.770%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	20.000%	26.667%	22.222%	0	0
	2023	0	4.444%	2.469%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Industrial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	17.241%	17.544%	17.209%	0	0
	2023	0	0.877%	6.047%	0	0
	2024	0	0	1.395%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Plants

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023

First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	20.000%	29.412%	12.121%	0	0
	2023	0	0	3.030%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Facilities

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	26.316%	17.857%	25.758%	0	0
	2023	0	3.571%	9.091%	0	0
	2024	0	0	3.030%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Cultivation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	12.069%	12.500%	10.526%	0	0
	2023	0	0	6.316%	0	0
	2024	0	0	1.053%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0

	2022	40.000%	40.000%	28.571%	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Residential

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	24.138%	26.761%	25.862%	0	0
	2023	0	11.268%	21.552%	0	0
	2024	0	0	7.759%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Home Construction

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	25.000%	31.148%	27.358%	0	0
	2023	0	13.115%	21.698%	0	0
	2024	0	0	7.547%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	16.667%	0	10.000%	0	0
	2023	0	0	20.000%	0	0
	2024	0	0	10.000%	0	0

	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/Transportation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	12.500%	23.404%	22.222%	0	0
	2023	0	0	1.111%	0.417%	0
	2024	0	0	1.111%	0.417%	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/LD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	14.286%	28.205%	22.561%	0	0
	2023	0	0	1.220%	0	0
	2024	0	0	0.610%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/MD/HD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	18.750%	0	0
	2023	0	0	0	2.632%	0
	2024	0	0	6.250%	2.632%	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

2. Service Cancellation Rate (%) in first, second, third and fourth year after initial inclusion as a known load by type and category or known load.

Calculation Methodology:

The values are obtained by taking an annual count of known cancelled project loads that occur in the first four PY22 years after the initial inclusion year (Initial Service Request Date); type and category filters are used during the process. The individual counts are then divided by the total count of projects that occur in their respective initial inclusion years and type/category.

Agriculture/Agriculture

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	2.564%	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Commercial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	2.837%	3.196%	0	0
	2023	0	2.837%	2.283%	0	0
	2024	0	0	2.283%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Education

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023

First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	5.882%	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Health Care

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	8.333%	0	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Business

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	1.333%	2.655%	0	0
	2023	0	2.667%	2.655%	0	0
	2024	0	0	2.655%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0

	2022	0	4.444%	3.704%	0	0
	2023	0	4.444%	2.469%	0	0
	2024	0	0	2.469%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Industrial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	2.299%	0.877%	4.651%	0	0
	2023	0	0.877%	2.791%	0	0
	2024	0	0	1.395%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Plants

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	20.000%	0	0	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Facilities

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	4.545%	0	0
	2023	0	0	4.545%	0	0

	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Cultivation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	1.724%	1.563%	7.368%	0	0
	2023	0	0	2.105%	0	0
	2024	0	0	2.105%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	20.000%	4.762%	0	0
	2024	0	0	4.762%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Residential

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	1.724%	1.408%	2.586%	0	0
	2023	0	4.225%	3.448%	0	0
	2024	0	0	2.586%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Home Construction

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	1.923%	1.639%	2.830%	0	0
	2023	0	3.279%	3.774%	0	0
	2024	0	0	2.830%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	10.000%	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/Transportation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	8.511%	17.222%	0	0
	2023	0	0	11.111%	0	0
	2024	0	0	3.333%	0	0.637%
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/LD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	10.256%	17.683%	0	0
	2023	0	0	11.585%	0	0
	2024	0	0	3.659%	0	0.685%
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/MD/HD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	12.500%	0	0
	2023	0	0	6.250%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

3. Service Reduction Rate (%) in first, second, third and fourth year after initial inclusion as a known load by type and category or known load.

Calculation Methodology:

The values are obtained by taking an annual count of PY23 known loads that have been reduced from the reported loading in PY22, specifically looking at loads that occur in the first four PY22 years after the initial inclusion year (Initial Service Request Date); type and category filters are used during the process. The individual counts are then divided by the total count of projects that occur in their respective initial inclusion years and type/category.

Agriculture/Agriculture

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0

	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	2.564%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Commercial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	10.638%	5.023%	0	0
	2024	0	0	1.370%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Education

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	11.111%	5.882%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Health Care

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	25.000%	0	0

	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Business

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	14.667%	3.540%	0	0
	2024	0	0	1.770%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Commercial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	6.667%	4.938%	0	0
	2024	0	0	1.235%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Industrial

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	2.632%	4.651%	0	0
	2024	0	0	0.930%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Plants

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	3.030%	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Facilities

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	7.143%	4.545%	0	0
	2024	0	0	1.515%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Cultivation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	1.563%	6.316%	0	0
	2024	0	0	1.053%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Industrial/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	0	0	0
	2024	0	0	0	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Residential

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	8.451%	16.379%	0	0
	2024	0	0	5.172%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Home Construction

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	9.836%	16.038%	0	0
	2024	0	0	4.717%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Residential/Other

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023

First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	20.000%	0	0
	2024	0	0	10.000%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/Transportation

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	2.778%	0.417%	0
	2024	0	0	1.111%	0.417%	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/LD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0
	2022	0	0	0	0	0
	2023	0	0	3.049%	0	0
	2024	0	0	0.610%	0	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

Transportation/MD/HD EV

		Initial Inclusion Year				
	Year	2019	2020	2021	2022	2023
First Four Years	2019	0	0	0	0	0
	2020	0	0	0	0	0
	2021	0	0	0	0	0

	2022	0	0	0	0	0
	2023	0	0	0	2.632%	0
	2024	0	0	6.250%	2.632%	0
	2025	0	0	0	0	0
	2026	0	0	0	0	0

7 GNA Overview

This section provides a high-level description of the data contained in SCE's 2023 GNA report.

7.1 DER Distribution Services Requirements

The grid needs to be mitigated by candidate deferrals included in the GNA/DDOR must be met by one or more of the following four distribution services adopted by D.16-12-036.[53]

- **Capacity Services:** Load-modifying or supply services that DERs provide to reliably and consistently reduce net demand on one or more grid assets. These services are required to reduce net demand during peak conditions such that equipment does not exceed capacity ratings. SCE also considers underground cable temperature (UCT) needs within the capacity category. UCT needs result from high loading on a circuit(s) located within an underground conduit where increased heat impact can damage and cause equipment failure. UCT needs are driven by the mutual heating impact of all the circuits sharing an underground structure and conduit pathway. UCT needs do not allow a direct comparison of forecasted net demand with the equipment rating and require simulations.
- **Reliability Services (Back-Tie):** Load-modifying or supply services that DERs provide to improve local system reliability during outage conditions. Specifically, this service provides a fast reconnection and availability of excess reserves to reduce demand via back-tie when restoring customers during abnormal configurations. This service provides capacity and/or voltage support during outage conditions such that grid configuration allows customers to continue to be reliably and safely energized from SCE's distribution grid. Under Normal-1 (N-1) outage conditions, grid needs may require either capacity or voltage support. These candidate deferrals will have one distribution service as reliability and another distribution service as either capacity or voltage listed in the DDOR to distinguish them from the capacity or voltage services provided for normal system conditions.
- **Resiliency Services (Microgrid):** Load-modifying or supply services that DERs provide to improve local system reliability and/or resiliency. This service provides a fast reconnection and availability of excess reserves to serve customers through a microgrid configuration during abnormal or outage conditions. Microgrids serve customers while isolated from the bulk electric system.

53 D.16-12-036, *Decision Addressing Competitive Solicitation Framework and Utility Regulatory Incentive Pilot in the Integrated Distribution Energy Resource Proceeding,* issued December 15, 2016, at pp.7-8.

- **Voltage Support Services:** Dynamic voltage management services provided by DERs to dynamically correct excursions outside voltage limits established by Rule 2[54] as well as supporting conservation voltage reduction strategies in coordination with utility voltage/reactive power control systems. SCE further specifies the type of voltage support services as either voltage or reactive power.

7.2 Summary of Grid Needs

This section provides a set of tables summarizing data contained in SCE's 2023 GNA report.

TABLE 5: SUMMARY OF GRID NEEDS BY DISTRIBUTION SERVICE TYPE GROUPED BY SCE REGION

Region	Capacity	Capacity (UCT)	Reactive Power	Reliability, Capacity	Reliability, Voltage	Voltage	Total
Desert	9	28	10	7	2	1	57
Metro East	21	39	19	3	0	0	82
Metro West	34	8	7	1	0	3	53
North Coast	12	14	8	9	2	1	46
Orange	2	18	15	2	0	0	37
Rurals	17	11	4	1	1	4	38
San Jacinto	8	11	2	1	0	0	22
San Joaquin	1	9	2	1	1	0	14
Total	**104**	**138**	**67**	**25**	**6**	**9**	**349**

TABLE 6: SUMMARY OF GRID NEEDS BY DISTRIBUTION SERVICE TYPE AND ASSET TYPE

Asset Type	Capacity	Capacity (UCT)	Reactive Power	Reliability, Capacity	Reliability, Voltage	Voltage	Total
Distribution Feeder	68	138	64	4	0	7	281
Distribution Substation	29	0	0	1	1	0	31
Subtrans Substation	1	0	3	7	5	2	18
Subtransmission Line	6	0	0	13	0	0	19
Total	**104**	**138**	**67**	**25**	**6**	**9**	**349**

7.3 Understanding the Grid Needs Assessments Report

The GNA includes forecasted equipment deficiencies, incremental demand, and incremental DER growth for each circuit and distribution substation with a grid need over a five-year forecast horizon. Three worksheets are included within the GNA report:

- Planning Assumptions_Feeder

54 SCE Tariff Books, *Rule 2: Description of Services* (*available at* https://www.sce.com/regulatory/tariff-books/rules).

- Planning Assumptions_DistSub
- Grid Needs Assessment (GNA)

The “Planning Assumptions_Feeder” worksheet and the “Planning Assumptions_DistSub” worksheet contain a 5-year load and DER forecast for SCE’s distribution circuits and distribution substations. The "Facility Loading Limit" column represents the MW value at which the representative facility can be safely operated to serve load for the specified year of the forecast. The "Total DER Growth" column for the feeder worksheet is a summation of DER growth for the feeder for the specified year of the forecast. These include the DERs reported within the feeder-level planning assumptions sheet. As a point of clarification, the EV DER column is a summation of all TE categories as covered within Section 4.3.1. Similarly, the "Total DER Growth" column for the substation worksheet is a summation of DER growth for all downstream circuits of the representative facility for the specified year of the forecast. These include the DERs reported within the distribution substation-level planning assumptions sheet.

In the “Grid Needs Assessment (GNA)” sheet, the "Equipment Rating" column for a facility is the absolute minimum rating over the five years for the corresponding asset. When a single facility has multiple projects developed and presented in the DDOR (e.g., due to a different timeframe of the needs), the lowest rating over the five years is utilized. In addition, when a single asset has multiple projects included in the DDOR, the operating date for this asset presented in the “Grid Needs Assessment (GNA)” sheet is the earliest operating date of the corresponding project in the DDOR.

8 DDOR Overview

This section provides a high-level description of the data contained in SCE’s 2023 DDOR.

The DDOR contains SCE’s planned investments which address the grid needs identified in the GNA report. Only those planned investments that have gone through relevant internal approval processes and have been allocated budget through the DPP are included in the DDOR. This ensures that the planned investments included in the DDOR have a reasonable expectation of being constructed.

SCE’s DDOR represents a point-in-time analysis of all planned investments proposed by the completion of its annual DPP. For this reason, changes to planned investments after the completion of the DPP are not reflected in the DDOR. Any changes that affect deferral projects will be reflected in the DER operational requirements detailed during the launch of their solicitation activities.

8.1 Summary of Planned Investments

This section provides a set of tables summarizing data contained in SCE's 2023 DDOR planned investment list.

TABLE 7: SUMMARY OF PLANNED INVESTMENTS BY REGION AND BY PROJECT TYPE

Region	Distribution	Distribution VAR	Subtransmission	Total
Desert Region	21	10	7	38
Metro East Region	36	17	7	60
Metro West Region	38	8	2	48
North Coast Region	23	8	11	42
Orange Region	11	15	1	27
Other Region	0	0	0	0
Rurals Region	13	5	2	20
San Jacinto Valley Region	10	2	1	13
San Joaquin Region	8	2	2	12
Total	160	67	33	260

TABLE 8: SUMMARY OF PLANNED INVESTMENTS BY DISTRIBUTION SERVICE[55]

Distribution Service						Total
Capacity	Voltage	Reactive Power	Reliability, Capacity	Reliability, Voltage	Resiliency	
162	4	69	20	5	0	260

TABLE 9: SUMMARY OF PLANNED INVESTMENTS BY OPERATING DATE

Operating Date										Total
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
87	85	56	20	8	3	1	0	0	0	260

[55] Two capacity projects also have additional voltage service required and two capacity projects also have additional reliability, capacity service required.

TABLE 10: SUMMARY OF PLANNED INVESTMENTS BY LNBA RANGE[56]

LNBA Range ($/kW-yr)						Total
$0	($0-$50]	($50-$100]	($100-$200]	($200-$500]	>$500	
6	116	24	17	15	5	**183**

LNBA Range ($/Vpu-yr)					Total
$0	($0-$100,000]	($100,000-$200,000]	($200,000-$500,000]	>$500,000	
0	4	4	0	0	**8**

LNBA Range ($/kVAR-yr)						Total
$0	($0-$50]	($50-$100]	($100-$200]	($200-$500]	>$500	
1	67	0	1	0	0	**69**
Total						**260**

9 Understanding the Planned Investment Report

SCE uses three identifiers to facilitate the linkage between the grid needs in its GNA report and the planned investments/candidate deferral projects in its DDOR.

- DDOR Project ID: a project identifier used to associate different components of a single project. For example, the project DDOR_2023_8057_331531 is a single project that would mitigate needs of multiple assets; this project has multiple line items in the planned investments list, with each line item mapping to a circuit that has a grid need being solved by the project.
- DDOR ID: a unique identifier for each line item in the planned investments list.
- GNA ID: a unique identifier assigned in the "Grid Needs Assessment (GNA)" sheet to represent each unique line item in the "Grid Needs Assessment (GNA)" sheet. GNA ID is used for linkage purposes in the Planning Assumption sheets (feeder and substation) and DDOR report.

When cross referencing information in SCE's GNA report and DDOR, it is important to note the GNA report contains needs on individual assets while the DDOR contains project-based information. In some cases, multiple projects are proposed to address one circuit's needs (e.g., due to different timeframes of the needs). In other cases, a single project is proposed to address multiple system needs. The grid needs presented in the GNA report are representative of needs that will be solved by planned investments provided in the DDOR.

There are some planned investments with multiple needs on the same asset. For example, a project can mitigate an asset's equipment rating exceedance as well as its UCT exceedance. Both violations can be met by the capacity service (Distribution Service Required or DSR). In these cases, the largest need is reported because the same service can solve both needs. However, if a planned investment is solving two different DSRs (such as a capacity service and

[56] Projects with an LNBA ($/kW-yr) value greater than $0 but less than or equal to $50 are recorded in the ($0-$50] column.

voltage support service) on the same asset, these needs are listed separately in the planned investment sheet with the same project number.

According to Rule 2, secondary service voltage levels should be maintained between 0.95 per-unit voltage (Vpu) and 1.05 Vpu (i.e., within 5% of nominal voltage). For planned investments addressing voltage needs, the deficiency is listed as the actual Vpu value of the asset to avoid confusion on whether deficiency value refers to the deviation from the base (1 Vpu) or the range boundary (0.95 Vpu / 1.05 Vpu). The actual voltage deficiency of the asset is the amount less than 0.95 Vpu or the amount greater than 1.05 Vpu. For example, the project DDOR_2023_131048 shows a 0.89 Vpu for 2023, making the actual voltage deficiency 0.06 Vpu (the amount less than 0.95Vpu).

There are some planned investments with no needs in the five-year horizon, as determined through SCE's 2023 DPP. Most of these scenarios are because the projects are either already completed (with an operating date in early 2023) or in execution based on previously forecasted needs. Changes to load and DER forecasts, and resulting changes to associated grid needs, can be caused by various factors including but not limited to:

1. Change of the forecasted load and DER with the most recent IEPR forecast used in SCE's 2023 DPP.
2. Update to the starting demand based on the latest circuit peaks observed in the previous summer period resulting in decreased values in comparison to the previous planning process.

Another scenario for planned investments with no needs in the five-year horizon is because one or more components of these projects have grid needs identified later than year 5 (e.g., beyond 2027). For example, the project DDOR_2023_DSP36012_634065 is designed to mitigate needs on two assets, with one asset expected to have capacity need starting in 2026 (within the five-year horizon), and the other asset expected to have capacity needs starting in 2029 (after the five-year horizon). Since these project components do not have associated needs in the reported five-year horizon, these project components do not have an associated GNA ID unless the same asset has another need within the five-year horizon addressed by another planned investment.

SCE does not track or build out project timelines based on Association for the Advancement of Cost Engineering (AACE) standards. As such, AACE classifications being assigned to each project was SCE's best effort to correlate SCE business process and AACE classifications. SCE organized the current project list into distinct projects group types. An estimated average AACE timeline for each classification was created for each specific project group types based on AACE definitions and averaging historical execution information. The timeline outlined the average days from operating date for each AACE classification for each project group type. That timeline was applied to each project to assign an AACE classification.

SCE cross-references 2023 planned investments with previous DDORs as far back to 2019 when DDOR Project IDs were introduced.

9.1 Utility-Owned DERs

SCE did not evaluate new IOU-Owned DER solutions in conjunction with wires as part of its 2023 DPP. SCE is currently working on tools and processes to integrate DER alternative evaluation into future planning processes and plans to begin testing those tools and processes in its 2024 or 2025 DPP. However, there are several IOU-owned distribution DER pilot projects, as listed in Table 11, that originated outside of SCE's annual DPP and are currently under development. SCE's previously identified IOU-owned DER solutions are described in Section 17 on the DIDF Projects from the Most Recent Cycle.

Mercury 1 and Mercury 2 are pilots to use BESS as a tool to assess how energy storage can help mitigate planning criteria violations, and it was recently determined that Mercury 1 equipment can be utilized to increase the power rating from 3.0 MW to 3.5 MW with software configuration changes and therefore ensure the continuous deferral of the *Rebuild Mesa-Narrows 66 kV Subtransmission Line* candidate deferral project from 2025 to 2028. Gemini 1 is a pilot developing technical requirements, processes and procedures that will support implementation of energy storage in different microgrids applications. These pilots were part of the Distributed Energy Storage Integration (DESI) pilot system included and approved as part of SCE's 2021 GRC[57] and will provide learning benefits for SCE to better integrate third party DERs in the future.

The Reliability Utility Owned Energy Storage (RUOES) projects were initiated by the California Governor's Proclamation of a State Emergency for 2022 to accelerate the development of clean energy storage projects to help meet summer peak loads in 2022.[58] The RUOES Projects will install a total of 537.5MW of BESS at strategic substations to meet forecasted peak demand in those areas: 225 MW, 112.5 MW, and 200 MW of 66 kV BESS to the Northern, Metro, and Southern regions within SCE's Territory, respectively. The total RUOES projects will supply an additional 537.5 MW to the BESS during forecasted peak demands.

The Smart City is an approved EPIC III IFOM microgrid project in partnership with a local government integrating customer, utility resources and utility operations. The project will develop a microgrid implementation process and deploy and test microgrid technology and use cases in the lab and field environments.

The Service & Distribution Centers of the Future is an approved EPIC III project that demonstrates a fleet service center with large EV charging demands, supporting elements such as energy storage, PV, and managed EV charging, submetering and electrified space and water heating - all controlled by an innovative site microgrid controller to maintain safe and reliable operation and minimize costs connected to SCE's DER management system for grid support. The location is in the disadvantaged community of El Monte. The key goals of this project are to evaluate the ability to fully electrify a large EV fleet service center, or depot, which would otherwise have a considerable grid system impact with high power and energy demands in a singular location, and to use modern technology to serve that center at lower cost and higher effectiveness. The results can be used to serve other impactful EV fleet depots in the most effective way.

TABLE 11: IOU-OWNED DER PILOT PROJECTS

Project Name	Project Description	Online Date
Mercury 1 (DESI)	Two co-located, but electrically independent BESS to defer traditional capital upgrades related to a Subtransmission N-1 contingency to account for an outage on one of the two lines feeding the substation.	Q3 2023
Mercury 2 (DESI)		

57 SCE 2021 GRC testimony, SCE-02, Vol. 4, Part 1

58 Energy Emergency Proclamation (*available at*: https://www.gov.ca.gov/wp-content/uploads/2021/07/Energy-Emergency-Proc-7-30-21.pdf)

Gemini 1 (DESI)	A BESS system to optimize islanding capabilities at SCE's Poole Hydro plant, help facilitate a microgrid, and provide lessons learned related to cold weather conditions.	Q3 2023
Anode (RUOES) Cathode (RUOES) Separator (RUOES)	Driven by the Governor's Proclamation of a State of Emergency, three separate BESS are installed to help provide 537.5 MW of BESS deployment during peak hours.	Q2 2023
Smart City (EPIC)	A IFOM microgrid project to develop a microgrid implementation process, deploy and test microgrid technology and use cases in the lab and field environments.	Q3 2025
Service & Distribution Centers of the Future (EPIC)	A fleet service center in a disadvantaged community with large EV charging demands and supporting elements all controlled by an innovative site microgrid controller to evaluate the ability to cost-effectively electrify a large EV fleet service center which would otherwise have a considerable grid system impact with high power and energy demands in a singular location.	Q3 2025

9.2 Initial Candidate Deferral Screens

After SCE completes its DPP and all planned investments are identified, SCE applies two screens to its planned investment list to identify projects that can be potentially deferred by DER. Consistent with D.18-02-004,[59] the following initial deferral screens were applied to planned investments to arrive at a candidate deferral project shortlist.

9.2.1 Timing Screen

The timing screen reflects the minimum lead time needed for DERs to defer a planned investment, this is primarily driven by the time requirements related to administering and completing a solicitation, interconnection processes, and developers to install the DER solution(s). SCE anticipates at least three years for the entire process, from project identification, to CPUC approval, solicitation, interconnection study completion, permitting, procurement, installation, and operation to be completed. For a planned investment identified within the 2023 DPP to be selected for deferral by DERs, with a minimum lead time of three years to become operational, the earliest operating year of this planned investment will be 2026.

The planned investments in the DDOR apply a 5-year planning horizon (i.e., operating dates within the period from 2023 to 2027). Pre- and Post-Application Projects are an exception to this rule since they must be documented according to SCE's 10-year planning horizon per the 2020 May Ruling. As a result of the timing screen, planned

59 D.18-02-004, *Decision on Track 3 Policy Issues, Sub-track 1 (Growth Scenarios) and Sub-track 3 (Distribution Investment and Deferral Process) in the Distribution Resource Planning Proceeding*, issued February 8, 2018, at pp. 42-45.

investments included in the DDOR with operating dates from 2026 onwards will be included on the candidate deferral project list.

9.2.2 Technical Screen

The technical screen assesses whether DERs can provide all the required services that a project was developed to solve to meet the grid needs identified during the annual DPP.

As adopted in D.16-12-036 and explained in Section 7.1, capacity, voltage support, reliability (back-tie) and/or resiliency (microgrid) are the distribution services that DERs can provide to defer a traditional wires solution. These four distribution services were the criteria used to evaluate if a project passed the technical screen.[60]

In addition to the distribution service categories mentioned above, the driver and scope of projects were examined to help ensure that the project is deferrable by DERs in practice. For example, if a project extends a distribution feeder to connect a new customer to the grid in a remote area, infrastructure is required to connect that customer to the grid, regardless of DER influence in the area. SCE satisfies its obligation to serve by ensuring customers have a connection to the larger electric grid. Therefore, these projects cannot be deferred by DERs even though the distribution service required is capacity.

9.3 Summary of Candidate Deferral Projects

The application of the timing and technical screens results in 32 candidate deferral opportunities including two Pre-Application projects and two Post-Application projects.

TABLE 12: SUMMARY OF CANDIDATE DEFERRAL OPPORTUNITIES BY PROJECT TYPE AND REGION

Region	Project Type			Total
	Line Only	Substation and Line	Substation Only	
Desert Region	4	0	0	4
Metro East Region	5	1	1	7
Metro West Region	2	1	0	3
North Coast Region	3	2	3	8
Orange Region	2	1	0	3
Rurals Region	2	0	1	3
San Jacinto Valley Region	2	1	0	3
San Joaquin Region	0	1	0	1
Total	20	7	5	32

60 D.16-12-036, *Decision Addressing Competitive Solicitation Framework and Utility Regulatory Incentive Pilot in the Integrated Distribution Energy Resource Proceeding,* issued December 15, 2016, at pp.7-8.

TABLE 13: SUMMARY OF CANDIDATE DEFERRAL OPPORTUNITIES BY DISTRIBUTION SERVICE

Distribution Service						Total
Capacity	Voltage	Reactive Power	Reliability, Capacity	Reliability, Voltage	Resiliency	
24	0	1	6	1	0	32

TABLE 14: SUMMARY OF CANDIDATE DEFERRAL OPPORTUNITIES BY OPERATING DATE

Operating Date										Total
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
0	0	0	20	8	3	1	0	0	0	32

TABLE 15: SUMMARY OF CANDIDATE DEFERRAL OPPORTUNITIES BY LNBA RANGE[61]

LNBA Range ($/kW-yr)						Total
0	(0-50]	(50-100]	(100-200]	(200-500]	>500	
0	22	5	4	1	0	**32**

9.4 Understanding the Candidate Deferral Report

There are two worksheets in the DDOR containing candidate deferral project specific data. The "Candidate Deferral Projects" worksheet contains data for the candidate deferral projects in Tiered format. In addition to the general project information (e.g., project description, associated grid needs, etc.) included in the "Planned Investments" worksheet, data used for prioritization are also presented. The "Candidate Deferral Add Info" worksheet presents operating requirements for DER solutions.

For certain project categories (e.g., subtransmission line projects, projects with voltage needs or reactive power, projects with both circuit level grid needs and substation level grid needs, etc.), grid needs displayed in the Candidate Deferral Add Info worksheet may be different from the grid needs for the same projects in the Candidate Deferral Projects worksheet. This is because the way grid needs are analyzed for wires solutions is different from DER solutions, as explained below.

SCE's subtransmission system is networked and, therefore, load changes in one area of the network will have effects in other areas of the network. Planning engineers run additional load flow simulations to identify the most effective substation to reduce demand, considering line losses, to mitigate voltage, reactive power, and line thermal violations at the subtransmission level. The Candidate Deferral Add Info sheet presents the demand reduction required at specific substation(s), while the Candidate Deferral Projects sheet shows the magnitude of the violation

61 Projects with an LNBA ($/kW-yr) value greater than $0 but less than or equal to $50 are recorded in the (0-50] column.

at the location it is observed (e.g., subtransmission line overload), which is what planners traditionally provide as outputs for the DPP.

A few candidate deferral projects (e.g., DDOR_2023_4800) mitigate grid needs at both the circuit and associated substation level. In these scenarios, meeting the circuit level need may also reduce the substation need if the circuit need and substation need overlap in time. The deficiency information for these types of projects is also represented differently in the Candidate Deferral Add Info sheet from the Candidate Deferral Projects sheet. The Candidate Deferral Projects sheet shows the circuit and substation level needs independently, as an output of the DPP. The Candidate Deferral Add Info sheet shows the result of additional analysis used to calculate the remaining substation need when the more locational-specific circuit level needs are fully met. This additional analysis was performed to provide the most accurate information for DER procurement and to avoid the unnecessary over-procurement of DER.

In parallel to the process of procuring DERs to meet a grid need, SCE must also implement a contingency plan to meet the recommended candidate deferral grid needs if the preferred DER solution is ultimately unable to meet the needs. These contingency plans include project management, design, and engineering tasks to execute the traditional mitigation project in parallel with the DER project. Typical costs related to these activities are approximately 15% of total project cost, which is presented as the contingency plan cost, but can vary widely depending on the project scope, voltage level, and whether it is located within or outside of a substation.

DER operating requirements, which include capacity needs, energy needs, hour of day, time of year, duration, monthly frequency, and yearly frequency, are critical information for a successful deferral. Each candidate deferral need has forecasted hourly profiles developed for each year in the 10-year forecasting horizon for which the DER operating requirements are derived. This forecasted hourly profile assumes that impacts to net demand from the candidate deferral wires project are removed. For the projects that mitigate multiple grid needs, DERs must meet all the grid needs to defer the entire project. Therefore, DER operating requirements are developed for each grid need location of a candidate deferral project. Table 16 shows an example of DER operating requirements presented in SCE's 2023 DDOR.

TABLE 16: DER OPERATING REQUIREMENTS EXAMPLE

Capacity (MW)	Energy Need (MWH)	Season	Monthly Frequency	Yearly Frequency	Year
0.0	0.0	N/A	0	0	2023
0.0	0.0	N/A	0	0	2024
1.8	3.2	Summer	5	15	2025
5.6	18.6	Summer	5	15	2026
11.1	49.3	Summer	5	15	2027
11.5	52.7	Summer	6	15	2028
12.5	58.3	Summer	6	15	2029
14.0	60.2	Summer	5	15	2030
14.9	68.8	Summer	6	20	2031
15.0	76.9	Summer	6	15	2032

10 Pre-Application and Post-Application Projects

SCE utilizes a Project Gate Review Procedure to provide oversight for major projects throughout their lifecycles. This process is composed of review milestone gates that authorize project teams to proceed with licensing and execution activities. If a project requires review pursuant to General Order (GO) 131-D, and licensing activities are internally authorized, these projects are then considered Pre-Application projects. Projects that have been filed with the CPUC as an Application for a Permit to Construct (PTC) or Certificate of Public Convenience and Necessity (CPCN) and are undergoing review pursuant to GO 131-D are considered Post-Application projects. Table 17 lists the Pre-Application and Post-Application projects included in SCE's 2023 DDOR and their approval status.

TABLE 17: PRE-APPLICATION PROJECTS AND POST-APPLICATION PROJECTS INCLUDED IN SCE'S 2023 DDOR

Project ID/ Name	Project Type	Approval Status	DDOR Report
DDOR_2023_4800: Del Valle 66/16 kV Substation	Pre-Application	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Candidate Deferral
DDOR_2023_8256: Cal City Substation 115 kV Upgrade	Post-Application	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025	Candidate Deferral
DDOR_2023_6092: Alberhill System Project	Post-Application	CAISO: Approval 2009 SCE: Filed third amended PEA June 2023	Candidate Deferral
DDOR_2023_6871: Rector – Riverway No.2 Subtransmission Line	Pre-Application	CAISO: N/A SCE: Estimated licensing activities approval September 2023	Candidate Deferral

SCE believes these specific projects are distinct from other candidate deferral projects as these projects are subject to review under the California Environmental Quality Act (CEQA) and General Order 131-D. Including projects that are subject to licensing requirements within the DIDF could negatively affect project schedules and costs. Additionally, projects subject to the requirements of a CPCN by the CPUC require a finding of need by the Commission. Projects that have not received a determination of need by the Commission cannot be included in the solicitation.

11 Prioritization Metrics

This Joint Prioritization Metrics Workbook Template was presented to the CPUC on February 26, 2021 and was approved on May 14, 2021. Four minor changes to the workbook were approved on July 7, 2022.

The Joint Prioritization Metrics Workbook Template maintains the three metrics mandated by the 2019 May Ruling: Cost Effectiveness, Forecast Certainty, and Market Assessment. These metrics consist of both quantitative and qualitative sub-metrics. The quantitative sub-metrics are used to score and rank candidate deferral projects. The qualitative sub-metrics utilize engineering judgment and past DER solicitation experience to determine if projects have characteristics that would pose a major challenge for DER deferral.

11.1 Cost Effectiveness Metric

The cost effectiveness metric provides a relative indication of the likelihood of DERs cost effectively deferring the traditional wires solution. The cost effectiveness score utilizes Locational Net Benefit Analysis (LNBA) values calculated using a Commission approved methodology. LNBA values represent the ratio of a project's deferral value to its peak need over the deferral period. The quantitative element of the cost effectiveness metric considers LNBA values according to both the capacity (MW) and energy (MWh) need. Fulfilling both the capacity and energy requirement of a project is critical for successful DER deferral.

For the same project, the magnitude of the energy need can be significantly larger than the magnitude of the capacity need. As a result, the LNBA ($/MWh-yr) value will typically be smaller than the LNBA ($/MW-yr) value for a given project. To eliminate any inherent bias due to this magnitude difference when the LNBA ($/MW-yr) and LNBA ($/MWh-yr) sub-metrics are combined into a single indicator for cost effectiveness, they are individually normalized to mitigate any unintended bias imposed on the final cost effectiveness score. The smallest LNBA value among all the candidate deferral projects receives a score of 0 and the largest LNBA value in receives a score of 1. Figure 14 illustrates how both normalized LNBA values are summed for each project to represent the final cost-effectiveness score. Generally, higher LNBA values correspond to a higher cost effectiveness score and a higher likelihood of DERs cost effectively deferring a traditional wires solution.

FIGURE 14: COST EFFECTIVENESS SCORE EQUATION

$$Cost\ Effectiveness\ Score = Normalized\left(LNBA_{MW-yr}\right) + Normalized\left(LNBA_{MWh-yr}\right)$$

The qualitative component of the cost effectiveness metric flags projects with low estimated costs ($)[62] due to their unlikely ability to be cost effectively deferred by DER. Projects with an estimated cost below a set threshold are flagged and relegated to Tier 3. Some projects may have high LNBA values that make them look like good candidate deferrals, however, it is very difficult for DER to be cost effective in comparison to a low-cost wires solution. The project cost threshold is set according to past DER deferral solicitation experience. SCE did not adopt a flag threshold

62 Project estimated costs are referred to as the Unit Cost of Traditional Mitigation ($) in the Joint IOU Prioritization Metrics Workbook Template

for SCE's 2023 Prioritization Metrics. SCE plans to further evaluate reasonable flag thresholds, based on DER deferral projects with varying costs within the different procurement pathways, in the future.

The Joint Prioritization Metrics Workbook Template also displays the LNBA ($/MWh-day) value for each candidate deferral project for informational purposes only.

11.1.1 Locational Net Benefit Analysis

SCE uses a Commission-approved methodology,[63] developed primarily for capacity driven projects, to perform the LNBA calculation based on a 10-year timeframe. For candidate deferral projects driven by reactive power or voltage needs, LNBA values were calculated based on the load reduction needed to mitigate the reactive power or voltage needs[64], over the deferral period as originally designed in the methodology. The 2019 May Ruling directed IOUs to calculate LNBA values in terms of both capacity ($/MW-year) and energy ($/MWh-year) for candidate deferral projects. When the energy based LNBA values are calculated, SCE uses the maximum annual energy need over the deferral period. The 2020 May Ruling directed IOUs to calculate the LNBA ($/MWh-day) value for each candidate deferral project and include them for informational purposes in the Joint Prioritization Metrics Workbook template. SCE uses the maximum daily energy need over the deferral period in the calculation for the LNBA ($/MWh-day) value. This peak-day, energy based LNBA value does not represent the total annual energy that would be required to defer the traditional project and should not be used to evaluate the cost-effectiveness of DER solutions in the competitive solicitation framework.

11.2 Forecast Certainty Metric

The forecast certainty metric provides a relative indication of the likelihood of the grid needs driving a candidate deferral project materializing. The grid need certainty score is the only quantitative component to the forecast certainty metric. Because a single traditional wires solution can be developed to address multiple load growth drivers, the grid need certainty score is the weighted average of the size (MW) and Level of Certainty (LOC) scores of all of the known load projects driving the need for the traditional wires solution. LOC scores are the output of a matrix used by SCE to quantify the status of the known load projects and installation timelines. Table 18 illustrates the guidelines used in the LOC matrix to generate the LOC score.

63 D.17-09-026, *Decision on Track 1 Demonstration Projects A (Integration Capacity Analysis) and B (Locational Net Benefits Analysis) in the Distributed Resource Planning Proceeding*, issued September 28, 2017.

64 For non-candidate-deferral planned investments, the LNBA calculation is directly calculated based on reactive power need ($/MVAR-year) or voltage need ($/Vpu-year).

TABLE 18: LEVEL OF CERTAINTY MATRIX

	Score	0	1	2	3	Weight
Customer Information	Impact to Customer Energization Date	No / Not Reviewed	Yes - Medium	Yes - High	N/A	5
	Construction Status	Not Started	Grading	Construction Started/Existing Building	Construction Complete	3
	Low/High Voltage Switchgear	None	Design / Drawings Received	Approved	Authority Having Jurisdiction (AHJ) signoff / Installed on-site	2
	Load Schedule	N/A	N/A	DDS estimates or similar building estimates are used by SCE as alternative to detailed Load Schedule	Customer detailed load schedule validated by SCE	2
SCE Information	Design Status	Not Started	In Preliminary Design	Final Design Approved	Customer Invoiced	2

To ensure that all prioritization sub-metrics are weighed equally, the grid need certainty score is normalized so the highest score has a value of 1 and the lowest score has a value of 0. However, since the forecast certainty metric has only one quantitative component and the other metrics have two quantitative components the grid need certainty score is scaled up so that the highest forecast certainty score is 2 and the lowest forecast certainty score is 0 (Figure 15). This ensures that the range of scores across all three prioritization metrics are the same and represented equally in the final project ranking.

FIGURE 15: FORECAST CERTAINTY SCORE EQUATION

$$Forecast\ Certainty\ Score = 2 * Normalized\left(\frac{\sum(Load\ Growth\ Demand \times LOC\ Score)}{\sum Load\ Growth\ Demand}\right)$$

The qualitative component of forecast certainty is the year of need sub-metric. This sub-metric flags projects that have longer-term needs such that, regardless of the project's forecast certainty score, it is highly likely the grid needs driving the traditional wires solution will change materially before DER implementation. Projects with a year of need beyond the set threshold would be assigned to Tier 3 and not be recommended for the competitive solicitation framework. SCE did not adopt a flag threshold for SCE's 2023 Prioritization Metrics but will continue to evaluate DER deferral experience with varying project timelines to set a reasonable year of need threshold in the future.

11.3 Market Assessment Metric

The market assessment metric provides a relative indication of the opportunity for DERs to successfully meet the DSR. There are two quantitative and two qualitative components to the market assessment metric.

The first quantitative market assessment sub-metric is the duration of the grid need. Based on experience from previous DER solicitation cycles, the duration of a grid need can significantly impact the feasibility of a DER solution. It is more challenging for DER to provide capacity and energy for an extended period of time.

Previous competitive solicitation cycles also demonstrated that there is more opportunity for DERs to successfully meet a grid need if there is more opportunity to interconnect or enroll customers over a larger geographical area. The capacity needs per affected circuit sub-metric quantitatively approximates the size of the relevant geographic

area available for DER implementation. This sub-metric is calculated by dividing the grid need by the number of circuits to which DER can connect to meet the grid need. The more circuits to which a DER can interconnect to meet a given grid need, the greater opportunity there is for DERs to defer the traditional wires solution.

To help ensure all prioritization metrics are weighed equally, the duration and capacity needs per circuit sub-metrics are normalized individually and then summed to produce the market assessment score.

Figure 16 shows how the market assessment score is calculated such that higher scores correspond to greater project deferral viability. This helps to ensure that the ranking of projects according to the market assessment score is consistent with how the other prioritization metrics are ranked.

FIGURE 16: MARKET ASSESSMENT SCORE EQUATION

$$Market\ Assessment\ Score = \left(1 - Normalized\ (Duration\ Score)\right) + \left(1 - Normalized\left(\frac{Capacity\ Needs}{Number\ of\ Affected\ Circuits}\right)\right)$$

The two qualitative components of the market assessment score are DER operational requirements and the number of grid needs. The DER operational requirement sub-metric assesses if DERs require real time, day ahead, or islanding (operate disconnected from the bulk electric system) operations to meet the specified grid need. Prior competitive solicitation experience has illustrated that DERs are more successful when they are notified day ahead to support distribution reliability needs. Irrespective of its market assessment score, projects with grid needs that require DERs to operate in real time or islanded have low deferral viability. Therefore, projects that fail the DER operational requirement flag threshold are assigned to Tier 3.

The number of grid needs qualitative sub-metric is used to flag projects with a number of grid needs greater than the set threshold. Experience from previous competitive solicitation cycles show that DERs are more successful at deferring a smaller number of grid needs. Projects that have a number of grid needs greater than the specified threshold are assigned to Tier 3. SCE did not adopt a flag threshold for SCE's 2023 Prioritization Metrics. SCE will continue to evaluate if a set number of grid needs significantly impacts DER deferral success for specific procurement mechanisms to set future flag thresholds.

11.4 Tiered results

SCE prioritizes candidate deferral projects into three tiers. The Joint Prioritization Metrics Workbook Template quantifies how projects are tiered by assigning a Red-Amber-Green (RAG) score to each project. This method also considers the flags applied to each project. The RAG score is calculated by assigning a +1 score to first quartile projects, a 0 score to second/third quartile projects, and a -1 score to bottom quartile projects across each prioritization metric. Following feedback in the 2021 IPE Post-DPAG Report, the number of projects assigned to the first quartile in each metric is increased by rounding up the top quartile size.[65] Projects with a total RAG score

[65] 2022 Independent Profession Engineer Post DPAG Report, p. 46

greater than 0 are assigned to Tier 1, projects with a total RAG score equal to 0 are assigned to Tier 2, and projects with a total RAG score less than 0 or a flag in any one of the prioritization metrics are assigned to Tier 3. Figure 17 shows how the RAG score and qualitative flags are used to determine the final tier of each project.

FIGURE 17: PROJECT RAG SCORE AND TIERING METHODOLOGY

Metric Ranking	RAG Score
Flag	Tier 3
Bottom Quartile	-1
Second/Third Quartile	0
Top Quartile	+1

Total RAG Score	Project Tier
Flag	Tier 3
<0	Tier 3
=0	Tier 2
>0	Tier 1

The RAG scoring methodology ensures that Tier 3 is reserved for projects that are unlikely to be successfully deferred by DERs due to low relative metric scores or qualitative flags based on past DER deferral experience. Tier 2 projects have associated uncertainties regarding their deferral viability and, therefore, may not be appropriate to consider for deferral. Tier 2 projects can have both high and low metric scores, but this does not make them conclusively likely or unlikely to be a successful DER deferral. SCE continues to recommend that only Tier 1 projects move forward for DER deferral consideration.

Projects are also ranked according to the sum of their scores across all three prioritization metrics. This enables SCE to identify the highest ranked projects in each tier.

Per Reform #24 of the 2020 May ALJ Ruling, the forecast certainty scores for the Pre-Application projects, the Del Valle Project and the Cal City Project, are excluded from the final tiering and ranking of the candidate deferral projects. To ensure that the total scores for Pre-Application projects are represented equally in the final tiering and ranking of the candidate deferral projects, their total scores are weighted at 150%.

Table 19 lists the tiered results of SCE's 2023 candidate deferral projects. In the table, cells are colored green if the project scores within the top quartile for the given metric column. Cells are colored amber if the project scores within the top second/third quartile. Finally, cells are colored red if they score in the bottom quartile.

TABLE 19: SCE'S 2023 CANDIDATE DEFERRAL PROJECT SUMMARY

Tier	Project Description	Cost Effectiveness	Forecast Certainty	Market Assessment	Flags
Tier 1	Rebuild Elizabeth Lake-Pitchgen 66 kV Subtransmission Line	20	18	3	
	Install Rector-Riverway No. 2 66 kV Subtransmission Line	7		10	
	Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation	11	13	7	
	Upgrade 2 Transformers at Washington 66/12 kV Substation	12	6	6	
	Upgrade Transformer at Vail 66/12 kV Substation	23	10	4	
	Install a New Transformer at Aqueduct 115/12 kV Substation	17	20	5	
	Install a New 12kV Circuit at Chino 66/12 kV Substation	5	2	11	
	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	16	8	19	
	Install Mira Loma-Corona 66 kV Subtransmission Line	6	9	2	
	Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	1	4	1	
Tier 2	Install a New 16 kV Circuit at Saugus 66/16 kV Substation	26	17	8	
	Del Valle Project: Construct a New 66/16 kV Substation and Construct New 16 kV Circuits	4		31	
	Cal City Project: Construct a New 115/12 kV Substation and Construct New 115 kV Subtransmission Lines	2	16	32	
	Install a New 12kV Circuit at Archibald 66/12 kV Substation	24	3	26	
	Construct a New 12 kV Circuit at El Casco 115/12 kV Substation	29	1	20	
	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	13	22	17	
	Install a New 12kV Circuit at Modena 66/12 kV Substation	14	19	18	
	Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	8	25	13	
	Intall a New A-Bank and Split the Santa Clara 220/66 System	9	21	16	
	Increase La Cienega - El Nido - Tahiti 66 kV Subtransmission Line by Eliminating Limiting Components	32	7	22	
Tier 3	Alberhill System Project: Construct a New 500/115 kV Substation and associated 500 kV source lines and 115 kV lines	3	5	9	FLAG
	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	22	11	30	
	Install a New 12kV Circuit at Gonzales 66/12 kV Substation	25	26	27	
	Rebuild Santa Clara-Colonia 66 kV Subtransmission Line	10	24	25	
	Install a New Capacitor at Channel Island 66/16 kV Substation	31	29	13	
	Install a New 12kV Circuit at Goldtown 66/12 kV Substation	19	30	15	
	Install a New Transformer at Santa Monica 66/16 kV Substation	27	14	12	
	Install 2 New 12 kV Circuits at Ivyglen 115/12 kV Substation	28	22	28	
	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	21	11	29	
	Install a New 33 kV Circuit at Blythe 33/33 kV Substation	18	26	24	
	Install 2 New 12 kV Circuits at Glen Avon 66/12 kV Substation	15	26	21	
	Install a New Capacitor at Rio Hondo 220/66 kV System	30	15	23	

12 Additional Considerations for Pre-Application and Post-Application Projects

This year, in its DIDF analyses for the Alberhill System Project (ASP), SCE retained its methodology to represent the capacity threshold that reflects the appropriate capacity needs independent of what type of solution may be implemented (e.g., DER-based alternatives or substation-based alternatives). The retained methodology reflects the rating of the Valley 'EFG' 500/115 kV Substation by acknowledging that the temporary measures put in place by SCE to provide capacity to the Valley South System should not be included in planning the electrical needs area. The appropriate emergency condition rating of the Valley 'EFG' 500/115 kV Substation results in increased capacity overloads and contributes to the lower ranking of ASP in SCE's 2023 Joint Prioritization Metrics Workbook Template. SCE believes that this ranking better reflects the deferral viability of ASP. In order to meet the objectives of the

project, DERs would have to create operational flexibility and maintain system reliability during outage scenarios in a manner equivalent to the performance of the ASP, which, for DERs, would include operating in an islanded fashion. As a result, the ASP project was flagged for its operational requirements and assigned to Tier 3.

The Cal City Project and Del Valle Project are ranked in Tier 2 and are not recommended for solicitation. It is worth noting that the surrounding areas of both projects lack the existing electrical infrastructure necessary to address the project needs through DER solutions.

The Rector-Riverway project's licensing estimated licensing activities approval September 2023.

13 IDER Pilot Selection

IDER D. 21-02-006 established two pilots to supplement the existing DIDF RFO framework. During each DIDF annual cycle, IOUs are required to propose at least three deferral opportunities for the Partnership Pilot. The Standard Offer Contract (SOC) pilot was also previously required but has since been terminated by a 2023 ALJ Ruling.[66] The Partnership Pilot utilizes the Prioritization Metrics framework and additional selection criteria, as discussed below, to determine the candidate deferral projects for each pilot. The Partnership Pilot selection criteria rank candidate deferral projects according to the available opportunities for customer enrollment in BTM DER programs.

13.1 Partnership Pilot

The Partnership Pilot involves a tiered payment structure paid to BTM DER aggregators to dispatch/implement DERs according to grid needs. As part of the pilot, SCE will contract with various Energy Solutions Providers/Aggregators that have passed an eligibility prescreening process, successfully submitted and received approval for a reservation request for a specific deferral project with SCE customers and met the designated capacity goal, to help homes or businesses better manage their energy use through a variety of non-carbon-emitting clean energy solutions. SCE customers will enroll with authorized aggregators and contract DER services directly from these aggregators based on the individual agreements with the DER providers to implement DER solutions while leveraging existing DER programs or special tariffs such as Net Energy Metering (e.g., the storage system that is paired with the solar), the Self Generation Incentive Program (e.g., Energy Storage), Demand Response, and Energy Efficiency to help meet grid needs in specific geographical areas identified in the DPP.

To address the challenge of changing distribution system needs and risk of over and under procurement, the pilot allows for Ratable Procurement, whereby utilities can procure incremental capacity each year to defer long term needs, broken down by specific periods of time, depending on the grid need.

13.1.1 Partnership Pilot Selection Methodology

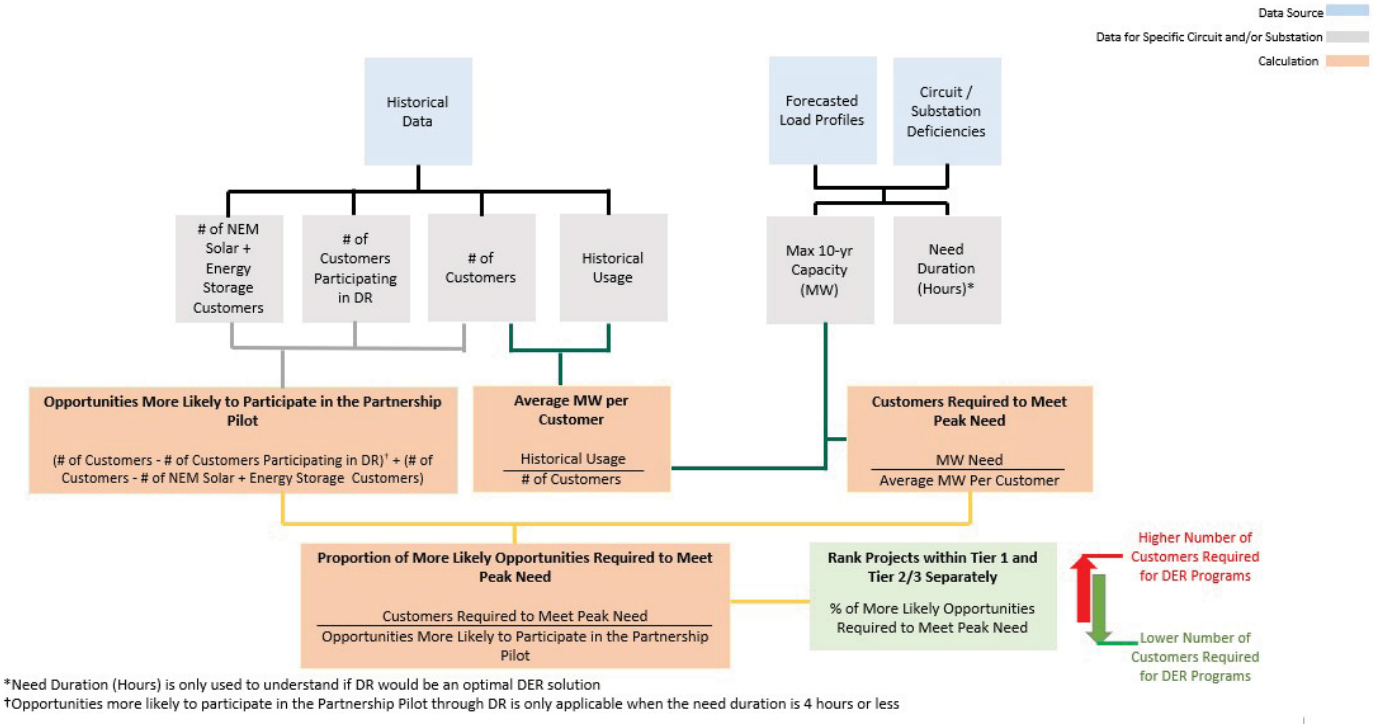
Based on the tiered results from the Prioritization Metrics framework, SCE further selects candidates for the Partnership Pilot by estimating the proportion of available customers that would be required to participate in BTM

66 2023 DIDF Ruling, p. 9. The Ruling states "…the Standard-Offer-Contract pilot should not be continued, and no further solicitations should occur".

DER opportunities to successfully defer the project need. SCE considers that the likelihood of successful deferral increases as the number of customers required to participate in the Partnership Pilot decreases. In line with feedback from SCE's 2021 DPAG presentation, SCE's Partnership Pilot selection methodology does not count customers enrolled in NEM solar + energy storage and customers enrolled in demand response[67] programs in the total customer count because these customers are less likely to upgrade their system or to further adjust their energy consumptions[68] in order to support the mitigation of identified grid needs through the Partnership Pilot.

SCE ranks and selects Tier 1 projects separately from Tier 2 and Tier 3 projects based on their performance in SCE's Partnership Pilot selection criteria methodology. SCE's Partnership Pilot candidate selection methodology is presented in Figure 18.

FIGURE 18: PARTNERSHIP PILOT PROGRAM METHODOLOGY FLOW CHART



For each candidate deferral project, an Average MW per Customer metric, which provides the average historic demand each customer contributes to the forecasted peak need period, is first calculated based on total number of customers and historic customer usage. Then the Customers Required to Meet Peak Need, which estimates the required number of customers to meet the forecasted peak need, is calculated based on the peak capacity needs

67 Only for needs less than 4 hours.

68 These customers' existing DER contribution to the net demand has been included in the planning assumption and the resulted grid deficiencies driving the wires solution already assume their DER contribution. These customers will need additional DER contribution to satisfy the deferral objective.

and the previously calculated Average MW per Customer metric. The Opportunities More Likely to Participate in the Partnership Pilot metric, which provides an indication of how many BTM DER opportunities are available to customers to meet grid needs through the Partnership Pilot, is then calculated based on the number of customers participating in NEM solar + energy storage programs, the number of customers participating in DR programs, and the total number of customers. Lastly, the Proportion of More Likely Opportunities Required to Meet Peak Need can then be calculated to provide an indication of the number of customers, not already participating in a NEM solar + energy storage or DR program, that would be required to enroll in BTM DER programs to meet the grid need and defer the wires solution. The lower the number of customers required to enroll in DER programs, the higher the ranking of the project.

13.1.2 Partnership Pilot Selection Results

The results of the analyses and ranking of the deferral opportunities are shown in tables 20-21 below.

TABLE 20: TIER 1 PARTNERSHIP PILOT PROGRAM RANKING DETAILS

Project Description	DSR	Operating Date	Max 10-year Deficiency(MW)	PP Ranking
Rebuild Elizabeth Lake-Pitchgen 66kV Subtransmission Line	Reliability, Capacity	2027	11.7	5
Install Rector-Riverway No. 2 66kV Subtransmission Line	Reliability, Capacity	2028	30.0	16
New Circuit at Valley and Transformer Upgrade	Capacity	2026	4.0	14
Washington Transformer Upgrade	Capacity	2026	12.1	10
Vail Transformer Upgrade	Capacity	2026	15.0	3
Aqueduct Transformer Upgrade	Capacity	2027	19.1	9
New Circuit at Chino Substation	Capacity	2026	3.4	21
New Circuit at Mira Loma Substation	Capacity	2026	10.7	19
Install Mira Loma-Corona 66 kV Subtransmission Line	Capacity	2026	20	4
Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	Reliability, Capacity	2027	14.1	2

TABLE 21: TIER 2 AND 3 PARTNERSHIP PILOT PROGRAM RANKING DETAILS

Project Description	Tier	DSR	Operating Date	Max 10-year Deficiency(MW)	PP Ranking
New Circuit at Saugus Substation	Tier 2	Capacity	2026	5.7	17
Del Valle 66/16 kV Substation	Tier 2	Capacity	2028	45.3	31
Cal City Upgrade	Tier 2	Capacity	2028	84.7	32
New Circuit at Archibald Substation	Tier 2	Capacity	2026	13.8	27
New Circuit at El Casco Substation	Tier 2	Capacity	2026	11.2	28
New Circuit at Mira Loma Substation	Tier 2	Capacity	2027	6.9	23
New Circuit at Modena Substation	Tier 2	Capacity	2027	9.1	29
New Circuit at Francis Substation	Tier 2	Capacity	2026	3.2	7
New Transformer at Santa Clara and System Split	Tier 2	Reliability, Capacity	2026	125.0	8
La Cienega – El Nido – Tahiti 66 kV Subtransmission Line Eliminate Limiting Components	Tier 2	Capacity	2026	18.1	22
Alberhill System Project	Tier 3	Capacity	2029	347.0	11
New Circuit at Garnet Substation	Tier 3	Reliability, Capacity	2026	35.1	25
New Circuit at Gonzales Substation	Tier 3	Capacity	2027	14.2	24
Rebuild Santa Clara – Colonia 66kV Subtransmission Line	Tier 3	Reliability, Capacity	2026	43.0	15
New Capacitor at Channel Island Substation	Tier 3	Reliability, Voltage	2026	3.2	6
New Circuit at Goldtown Substation	Tier 3	Capacity	2026	14.7	18
New Transformer at Santa Monica Substation	Tier 3	Capacity	2026	24.6	13
New Circuits at Ivyglen Substation	Tier 3	Capacity	2026	19.7	30
New Circuit at Garnet Substation	Tier 3	Capacity	2027	29.0	26
New Circuit at Blythe Substation	Tier 3	Capacity	2026	12.4	12
New Circuits at Glen Avon Substation	Tier 3	Capacity	2026	11.3	20
New Capacitor at Rio Hondo System	Tier 3	Reactive Power	2026	32.0	1

14 Solicitation Recommendations

Based on the prioritization metrics framework, SCE identifies the Tier designation for each candidate deferral project, and then utilizes the Partnership Pilot selection methodology and SOC Pilot selection methodology to determine each project's likelihood of success in different pilots. Table 22 summarizes SCE's project recommendation for different solicitation programs with the consideration of various factors including but not limited to pilot selection results, ongoing solicitation, existing DERs in the associated area.

TABLE 22: SCE'S RECOMMENDATION FOR DER SOLICITATIONS

Project	Tier	Operating Date	Max 10-year Deficiency (MW)	Recommendation
Install Mira Loma-Corona 66 kV Subtransmission Line	1	2026	20.00	Partnership Pilot
Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	1	2027	14.10	Partnership Pilot
Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	2	2026	5.10	Partnership Pilot
Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation	1	2026	4.00	DIDF RFO
Upgrade 2 Transformers at Washington 66/12 kV Substation	1	2026	12.10	DIDF RFO
Upgrade Transformer at Vail 66/12 kV Substation	1	2026	15.00	DIDF RFO
Install a New Transformer at Aqueduct 115/12 kV Substation	1	2027	19.13	DIDF RFO
Install a New 12kV Circuit at Chino 66/12 kV Substation	1	2026	3.40	DIDF RFO
Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	1	2026	10.70	DIDF RFO

Partnership Pilot:

SCE currently recommends 3 projects for the Partnership Pilot, with two Tier 1 projects and one Tier 2. D.21-02-006 requires IOUs to present a preliminary list of projects in their GNA/DDOR filing that are expected to be selected for the Partnership Pilot.[69] The final list of Partnership Pilot project recommendations will be provided in the November 15 Advice Letter seeking Commission approval to launch the Partnership Pilot.

- The *New Subtrans Line at Santiago System Project*, which is a Tier 1 project.
- The *New Substation and Subtrans Line at Mira Loma System* Project, which is a Tier 1 project.
- The *New Circuit and Bank Upgrade at Francis* Project, which is a Tier 2 project.

DIDF Request for Offer:

SCE recommends 6 projects for the DIDF RFO which are the remaining Tier 1 projects that were not selected in the Partnership Pilot. The DIDF RFO will be launched on September 15, 2023 .

- Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation
- Upgrade 2 Transformers at Washington 66/12 kV Substation
- Upgrade Transformer at Vail 66/12 kV Substation
- Install a New Transformer at Aqueduct 115/12 kV Substation
- Install a New 12kV Circuit at Chino 66/12 kV Substation
- Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation

SCE did not recommend any SCE Owned DERs in our 2023 GNA & DDOR.

14.1 Partnership Pilot Project Table and Definitions

Table 23 to 25 present the procurement and tariff budget parameters of the recommended Partnership Pilot projects. These project recommendations and the parameters contained in the tables are preliminary and will be finalized in the November 15 advice letter. SCE notes that the procurement goals may be updated annually, so while the Tranche 1 parameters will be finalized in the November 15 advice letter, subsequent tranches may be updated in future procurement cycles if the grid need associated with planned investment change.

69 "Southern California Edison Company's Request for Approval to Launch the 2023 Partnership Pilot," Advice 4905-E, Nov. 15, 2022.

TABLE 23: NEW SUBTRANS LINE AT SANTIAGO SYSTEM PROJECT PROCUREMENT AND TARIFF BUDGET PARAMETERS (ORIGINAL PAYMENT DESIGN)

Tranche	Tranche Procurement Goal (Capacity - MW)	Tranche Procurement Goal (Energy - MWh)	Subscription Period Launch Date	Subscription Period End Date	Operating Date
1	2.3	2.3	≈1/15/2024	12/1/2025	6/1/2027
2	4.3	5.9	TBD	12/1/2026	6/1/2028
3	5	7.2	TBD	12/1/2027	6/1/2029
4	5.7	13.2	TBD	12/1/2028	6/1/2030
5	8.6	23.9	TBD	12/1/2029	6/1/2031
6	14.1	33.3	TBD	12/1/2030	6/1/2032
Tranche	**Deferral Value**	**Tariff Budget**	**Deployment Budget**	**Reservation Budget**	**Performance Budget**
1	$3,289,346.00	$2,795,944.10	$559,188.82	$838,783.23	$1,397,972.05
2	$3,315,202.59	$2,817,922.20	$563,584.44	$845,376.66	$1,408,961.10
3	$3,341,295.50	$2,840,101.18	$568,020.24	$852,030.35	$1,420,050.59
4	$3,367,627.55	$2,862,483.42	$572,496.68	$858,745.03	$1,431,241.71
5	$3,394,201.61	$2,885,071.37	$577,014.27	$865,521.41	$1,442,535.69
6	$3,421,020.60	$2,907,867.51	$581,573.50	$872,360.25	$1,453,933.76
	Total Tariff Budget	**$17,109,389.78**			

TABLE 24: NEW SUBSTATION AND SUBTRANS LINE AT MIRA LOMA SYSTEM PROJECT PROCUREMENT AND TARIFF BUDGET PARAMETERS (ORIGINAL PAYMENT DESIGN)

Tranche	Tranche Procurement Goal (Capacity - MW)	Tranche Procurement Goal (Energy - MWh)	Subscription Period Launch Date	Subscription Period End Date	Operating Date
1	10	33.1	≈1/15/2024	12/1/2024	6/1/2026
2	11	33.5	TBD	12/1/2025	6/1/2027
3	11.5	38.3	TBD	12/1/2026	6/1/2028
4	11.5	38.5	TBD	12/1/2027	6/1/2029
5	11.5	38.9	TBD	12/1/2028	6/1/2030
6	13.0	46.9	TBD	12/1/2029	6/1/2031
7	20.0	86	TBD	12/1/2030	6/1/2032
Tranche	**Deferral Value**	**Tariff Budget**	**Deployment Budget**	**Reservation Budget**	**Performance Budget**
1	$2,912,743.04	$2,475,831.58	$495,166.32	$742,749.47	$1,237,915.79
2	$2,941,787.45	$2,500,519.33	$500,103.87	$750,155.80	$1,250,259.67
3	$2,971,221.21	$2,525,538.03	$505,107.61	$757,661.41	$1,262,769.01
4	$3,001,051.11	$2,550,893.44	$510,178.69	$765,268.03	$1,275,446.72
5	$3,031,284.10	$2,576,591.48	$515,318.30	$772,977.44	$1,288,295.74
6	$3,061,927.25	$2,602,638.16	$520,527.63	$780,791.45	$1,301,319.08
7	$3,092,987.80	$2,629,039.63	$525,807.93	$788,711.89	$1,314,519.82
	Total Tariff Budget	**$17,861,051.67**			

The New Circuit and Bank Upgrade at Francis Project displayed in Table 25 contains aggregate values. To have a successful deferral of the project the needs will need to be met in three different areas which are displayed in Table

26 A-C., the Kadota Circuit, Marbuck Circuit, and the Francis Substation (needs displayed for Francis Sub are above and beyond what is provided in the Kadota & Marbuck circuit tables).

TABLE 25: NEW CIRCUIT AND BANK UPGRADE AT FRANCIS PROJECT AGGREGATE PROCUREMENT AND TARIFF BUDGET PARAMETERS (ORIGINAL PAYMENT DESIGN)

Tranche	Aggregated Tranche Procurement Goal (Capacity - MW)	Aggregated Tranche Procurement Goal (Energy - MWh)	Subscription Period Launch Date	Subscription Period End Date	Operating Date
1	5.6	19.3	≈1/15/2024	12/1/2024	6/1/2026
2	8.4	33.6	TBD	12/1/2025	6/1/2027
3	9.0	33.0	TBD	12/1/2026	6/1/2028
4	9.4	36.3	TBD	12/1/2027	6/1/2029
5	10.0	40.6	TBD	12/1/2028	6/1/2030
6	10.4	42.7	TBD	12/1/2029	6/1/2031
7	11.3	55.2	TBD	12/1/2030	6/1/2032
Tranche	**Deferral Value**	**Tariff Budget**	**Deployment Budget**	**Reservation Budget**	**Performance Budget**
1	$1,279,216.29	$1,087,333.84	$217,466.77	$326,200.15	$543,666.92
2	$1,307,530.73	$1,111,401.12	$222,280.22	$333,420.34	$555,700.56
3	$1,336,471.90	$1,136,001.12	$227,200.22	$340,800.33	$568,000.56
4	$1,366,053.66	$1,161,145.61	$232,229.12	$348,343.68	$580,572.80
5	$1,396,290.18	$1,186,846.66	$237,369.33	$356,054.00	$593,423.33
6	$1,427,195.97	$1,213,116.57	$242,623.31	$363,934.97	$606,558.29
7	$1,458,785.83	$1,239,967.96	$247,993.59	$371,990.39	$619,983.98
	Total Tariff Budget	**$8,135,812.88**			

TABLE 26-A NEW CIRCUIT AND BANK UPGRADE AT FRANCIS PROJECT PROCUREMENT PARAMETERS – FRANCIS SUBSTATION

Tranche	Tranche Procurement Goal (Capacity - MW)	Tranche Procurement Goal (Energy - MWh)	Subscription Period End Date	Operating Date
1	2.2	4.8	12/1/2024	6/1/2026
2	4.3	12.3	12/1/2025	6/1/2027
3	4.4	10.2	12/1/2026	6/1/2028
4	4.4	10.2	12/1/2027	6/1/2029
5	4.7	11.7	12/1/2028	6/1/2030
6	4.6	11.4	12/1/2029	6/1/2031
7	5.1	16.4	12/1/2030	6/1/2032

TABLE 26-B NEW CIRCUIT AND BANK UPGRADE AT FRANCIS PROJECT PROCUREMENT PARAMETERS – KADOTA CIRCUIT

Tranche	Tranche Procurement Goal (Capacity - MW)	Tranche Procurement Goal (Energy - MWh)	Subscription Period End Date	Operating Date
1	1.5	5.4	12/1/2024	6/1/2026
2	1.7	6.5	12/1/2025	6/1/2027
3	1.8	6.6	12/1/2026	6/1/2028
4	2.1	8.6	12/1/2027	6/1/2029
5	2.4	10.7	12/1/2028	6/1/2030
6	2.8	13.0	12/1/2029	6/1/2031
7	3.2	17.1	12/1/2030	6/1/2032

TABLE 26-C NEW CIRCUIT AND BANK UPGRADE AT FRANCIS PROJECT PROCUREMENT PARAMETERS – MARBUCK CIRCUIT

Tranche	Tranche Procurement Goal (Capacity - MW)	Tranche Procurement Goal (Energy - MWh)	Subscription Period End Date	Operating Date
1	1.9	9.1	12/1/2024	6/1/2026
2	2.4	14.8	12/1/2025	6/1/2027
3	2.8	16.2	12/1/2026	6/1/2028
4	2.9	17.5	12/1/2027	6/1/2029
5	2.9	18.2	12/1/2028	6/1/2030
6	3.0	18.3	12/1/2029	6/1/2031
7	3.0	21.7	12/1/2030	6/1/2032

For ease of reference, the columns in the table are explained according to the definitions below:

Tranche- Procurement efforts needed to defer the planned investment for its full deferral term.

Tranche Procurement Goal (Capacity)- The forecasted peak capacity (MW) procurement need for the specified tranche of distribution deferral services SCE must receive to defer the planned investment for one tranche.

Tranche Procurement Goal (Energy)- The total forecasted energy need (MWh) in the specified tranche that corresponds to the Amount of Capacity to be Procured.

Subscription Period Launch Date- The date SCE will open the subscription period for a specific project, when aggregators or energy solutions providers may begin submitting Offer Reservations for all or part of the procurement need.

Contingency Date/Subscription Period End Date- The date SCE will end the subscription period and no longer attempt to procure DERs for the associated project if the total amount of capacity/energy to be procured has not been met. If the procurement need has not been met prior to the Contingency Date, SCE will move forward with the planned investment.

Operating Date- The date (day, month, year) by which the traditional planned investment would need to be operational by.

Deferral Value (Cost Cap)- The real economic carrying charge of deferring the revenue requirement associated with the traditional capital investment for one associated procurement tranche. This is expressed in nominal dollars.

Tariff Budget- The total budget in nominal dollars that SCE can allocate to aggregators under each Partnership Pilot project. If the Original method is applied, it is equal to 85% of the deferral value (cost cap). If the Proportional Smoothing is applied, 85% is applied to the cumulative deferral value in present value dollars.

Deployment Budget- The budget SCE can allocate amongst the aggregators for deploying a new DER under a Partnership Pilot project. Only new DER deployments are eligible to receive this payment. It is equal to 20% of the Tariff Budget.

Reservation Budget- The budget SCE can allocate amongst the aggregators for reserving a DER for dispatch under a Partnership Pilot project. It is equal to 30% of the Tariff Budget.

Performance Budget- The budget SCE can allocate amongst the aggregators for dispatching a DER under a Partnership Pilot project. Performance payments are only paid to aggregators who dispatch DERs according to contracted grid needs, and upon that DERs' performance. It is equal to 50% of the Tariff Budget.

-End of Definitions-

14.2 Proportional Smoothing

SCE had opted to pilot two types of tranche payment design approaches to gain additional insight around which approach is most successful in previous Partnership Pilot cycles: SCE's "Proportional Smoothing" approach and the "Original" approach outlined in the Energy Division Staff proposal.

SCE introduced the Proportional Smoothing approach because the original ratable procurement process in the Staff Proposal introduces potential variation in incentive payments per kWh. To avoid disincentivizing customers from leaving the pilot as their available earnings decrease each year, SCE developed the Proportional Smoothing methodology, which proportionally allocated the tariff budget according to the associated energy needs of each tranche.

While SCE believed the Proportional Smoothing approach would most likely be preferable to both aggregators and end customers, we have not found any evidence that Proportional Smoothing is any more enticing than the Original Approach. Due to those learnings SCE will be using the Original Approach only on all of the recommended projects for this cycle and any future projects.

14.3 Contingency Plans

SCE must establish contingency plans to address system needs in the event the preferred DER solution is unable to meet the need. The contingency planning occurs after a DER solution or a portfolio of DERs have been selected, either through a competitive solicitation or is utility owned. D.18-02-004 states the IOUs, in consultation with the DPAG, are responsible for contingency plans.[70] Two main scenarios, as shown in Table 27 may occur throughout the DER project lifecycle where SCE must implement a contingency plan to ensure the safe and reliable delivery of power to customers. The specific contingency solution will depend on timing of grid needs and the lead time to implement those solutions.

70 D.18-02-004, at pp.87-88, Ordering Paragraph No. 2.x.

TABLE 27: SUMMARY OF CONTINGENCY PLAN

Scenario	Contingency Plan
DER provider is unable to install DERs according to contract SCE is unable to install DERs to meet the grid need	• Develop short lead time mitigation alternatives that supplement the DER portfolio for total solution, where feasible • If cost-effective solution does not exist, pursue construction of traditional project intended for deferral or short lead time mitigation until ultimate solution can be implemented
DER fails during commissioning, or underperforms during operations and doesn't meet real-time needs of the electric system (based on commissioning and performance verification protocols agreed to in the contract for 3rd party owned DERs)	• Determine emergency limitations if applicable, work with system operations on potential temporary grid reconfiguration, or in worst cases potentially drop load and de-energize customers • Determine reason for DER underperformance • Assess any equipment damage or outage impact • Assess if additional mitigation is required and develop expedited solution options

There may be other scenarios that occur where DER developers are unable to meet contract obligations. In some cases related to the DIDF RFO, SCE may consider negotiating a bilateral contract with bidders who were not selected to fulfill the need, dependent upon timing, bid evaluation, updated need analysis (if any), and expedited Commission approval.

If the result of the DIDF RFO, or Partnership Pilot is a success and it is intended for DER developers to implement a DER project to defer a wires solution, SCE's contingency process will continue in parallel to that DER project. SCE's contingency process will also continue in parallel in the scenario where a utility owned DER is selected to defer a wires solution. SCE's contingency process includes executing traditional project development activities as a back-up in the event the DER solution cannot meet obligations or exits the interconnection process. SCE's contingency review process has review gates following both the DER and wires project as they move through their respective lifecycles. If it is determined the DER developer or the utility owned DER is unable to meet grid needs, a wires project will be used to meet the grid need if no other DER solution is available. Figure 19 is a general representation of the main contingency reviews SCE manages through the DER project lifecycle compared to a traditional project lifecycle.

FIGURE 19: CONTINGENCY REVIEW PROCESS

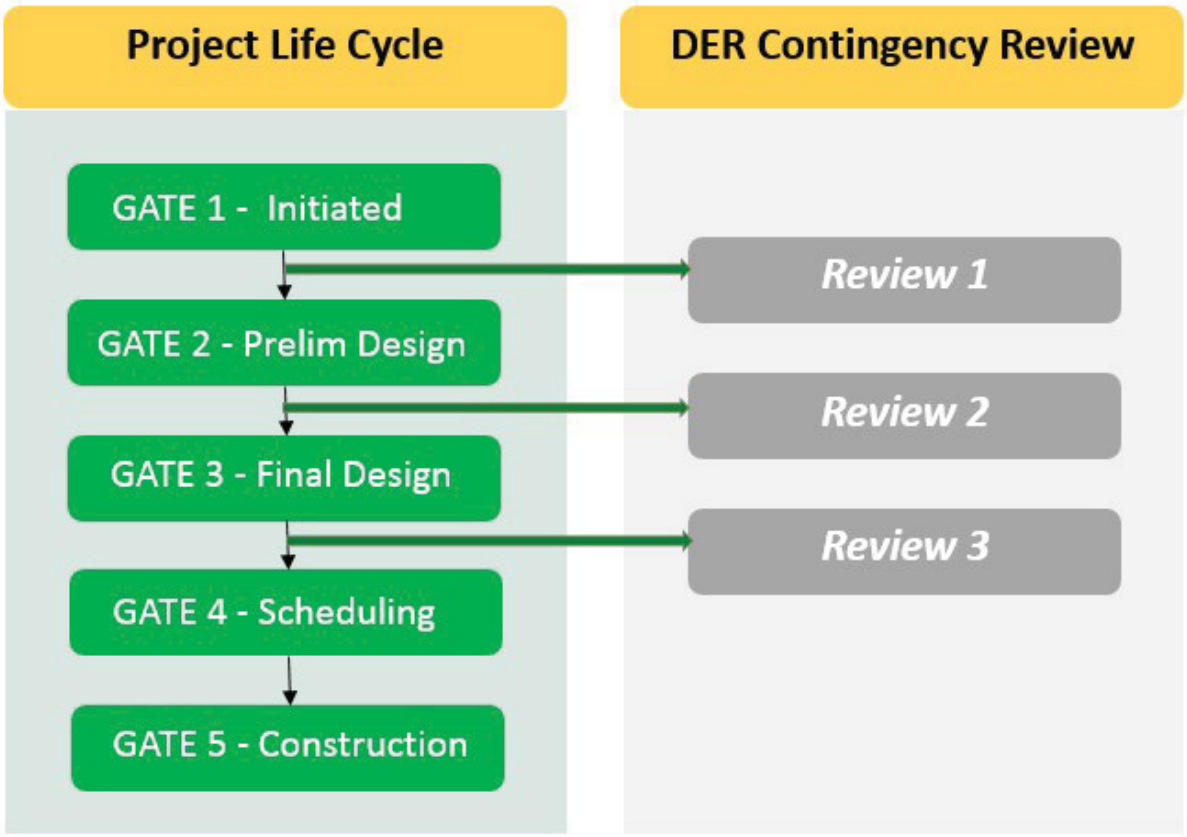


Figure 19 displays two columns. The left column represents the general gates for a wires project as it moves through its typical lifecycle. The right column represents the review stages for the DER project and how it aligns with the wires project lifecycle. During the DER Contingency Reviews, SCE evaluates the state of the DER project in comparison to the wires project lifecycle, which checks status of procurement, land acquisition, customer enrollment, and interconnection study results. The final DER Contingency Review (Review 3) takes place immediately after the final design of the wires project is complete and before SCE must procure major equipment, begin scheduling crews for construction, and start construction. In some cases, usually related to subtransmission projects or substation modifications, SCE must procure major equipment to verify specifications to complete final design. In these cases, the cost related to contingency planning will increase. Examples of the information SCE will seek from the DER party or require internally at each review is provided below:

Review 1:

- RFO confirm final signed contracts between SCE and DER party
- Partnership Pilot participation status relative to grid needs
- Complete technical evaluation confirming DER project meets grid needs

Review 2:

- CPUC approval of contracts received (if required)
- All necessary documentation has been provided for interconnection study (if required)
- In progress or high confidence in site acquisition (if required)
- Results of interconnection study received with confidence DER party will move forward to Phase II or equivalent (if required)
- Plan and timeframe for customer enrollment in behind the meter programs meet system need timelines (if required)

Review 3:

- Display commitment to complete project given updated interconnection study results (if required)
- Land acquisition is complete or in progress close to completion (if required)
- DER aggregators have installed behind the meter DER and have tested or close to testing operation (if required)
- All necessary agreements executed to confirm DER party will continue with deferral project

The timeframe for the completion of SCE's final review (Review 3) can vary depending on the scope of the wires project. However, SCE's final review generally happens 12 - 18 months prior to the operating date of the wires project. SCE will minimize contingency spending-related costs to the extent possible, however, spending incurred in parallel to the pursuit of the DER solution is unavoidable to maintain a viable contingency option. Further, it should be noted that for some projects, such as Licensing projects, these contingency costs will be substantial (potentially >$10M and possibly many times higher) due to the significant project development activities required to be performed in parallel. The DER project may provide high confidence prior to the final DER contingency review (Review 3), at which time SCE would stop work on the traditional project and rely on the DER project to meet the grid need. SCE will track contingency plan spending in its Distribution Deferral Balancing Account and seek recovery for costs incurred in the GRC.[71] The costs included in the balancing account will be itemized by each wires project intended for deferral. SCE will assess if alternative DER projects could be an option before making the final decision to go with the wires project in the event the initial DER developer is not able to meet the need dates or requirements.

15 Distribution Resources Plan External Portal (DRPEP)

D. 18-02-004 requested IOUs to develop a central DRP data access portal to present Integration Capacity Analysis (ICA), LNBA, GNA, and DDOR data on their corresponding circuit maps. Table 28 lists the GNA attributes that were added to the DRPEP on August 30, 2023.

71 Distribution Resources Plan, May 2020 DIDF Ruling, Reform #51.

TABLE 28: NEW GNA FIELDS ADDED TO THE 2023 DRPEP IMPLEMENTATION

GNA Attribute/Field	Regulatory Requirement
Building Electrification (BE)	2021 IEPR

In the 2020 May DIDF Ruling, Reform #9 required IOUs to identify the location of all approved transmission projects on the DRPEP such that the attribute data can be viewed at the same time as ICA, GNA, DDOR, and other data layers provided. SCE will display transmission projects on its DRPEP that fall under at least one of the four DER deferrable services (Capacity, Volt/VAR, Reliability (Back-Tie), Resiliency (Microgrid)) and are either CAISO approved, Commission approved, or internally approved by IOU/CAISO and Commission approval not required. This year, the list includes two Bulk Electric System transmission projects with operating dates in 2024 and2029.

15.1 Utilizing ICA Topology for Online Maps and Associated Circuit Information

The GNA and DDOR map layers are developed using the existing topology from the ICA. The ICA is updated monthly while the GNA report and DDOR are submitted annually. When a circuit is decommissioned, the decommissioned circuit is removed from the ICA topology during the monthly ICA refresh. If this decommissioned circuit shows a need in the GNA report and is associated with a planned investment in the DDOR, it would be also removed from the GNA and DDOR map layers. On the other hand, circuits continue to be added to SCE's DRPEP database based on system modifications, new construction, or general data mapping which eventually get added to the ICA topology.

Fundamentally, the ICA and GNA serve different purposes. The ICA quantifies the maximum amount of power that can be injected to and drawn on a node-segment level from the existing distribution system requiring minimal to no distribution upgrades or operational restrictions. The GNA presents forecasted cumulative demand and DER growth on either a circuit or substation level over a 5-year forecast horizon and the resulted forecasted equipment deficiencies. Though both ICA and GNA layers provide different levels of analysis, there are minimal number of instances where the circuit list in the ICA is different from the circuit list in the GNA report. The "Planning Assumption_Feeder" and "PlanningAssupmtions_DistSub" sheets within the GNA report contain a list of circuits and distribution substations for which SCE applies a load and DER forecast disaggregation.

The following criteria represents the methodology to include the distribution circuits and substations in the GNA Planning Assumptions map layer:

- *Planning Assumptions_Feeder*: Only circuits that are included in both the Distribution Substation Plan and ICA circuit list.
- *Planning Assumptions_DistSub*: Substations that have downstream circuits listed in the Planning Assumptions_Feeder worksheet will be on this list.

16 Data Redaction

Pursuant to Pub. Util. Code § 8380(b) (1) and (d), D.97-10-031 and D.14-05-016, additional protections are required to protect the privacy of customer identifiable energy use under the "15/15 Rule" if: 1) there are fewer than 15

customers served by the electrical asset for which data is being displayed; or 2) the electrical asset serves a single customer whose energy use or demand exceeds 15% of the total demand that asset serves. SCE applies the 15/15 Rule to data that reflect distribution load, energy use, or demand data at a local geo-spatial level. SCE has determined that the following categories of data in the 2023 GNA report and DDOR can be utilized to derive customer energy use or demand and must be redacted under the 15/15 Rule:

- Equipment Rating[72] for applicable distribution facilities in the "Grid Needs Assessment (GNA)" sheet
- Deficiency % for applicable distribution facilities, if the deficiency is presented in MW, in the "Grid Needs Assessment (GNA)" sheet and DDOR
- Cumulative Demand for applicable distribution facilities in the "Planning Assumption_Feeder" and "PlanningAssupmtions_DistSub" sheets
- Facility Loading (%) for applicable distribution facilities in the "Planning Assumption_Feeder" and "PlanningAssupmtions_DistSub" sheets
- Facility Loading Limit for applicable distribution facilities in the "Planning Assumption_Feeder" and "PlanningAssupmtions_DistSub" sheets

SCE currently has the capability to perform 15/15 Rule analysis on distribution circuits contained in SCE's GNA and DDOR. However, SCE's systems are not yet set up to perform 15/15 Rule analysis for substations. Therefore, in the GNA/DDOR, substation data is assumed to violate the 15/15 Rule and will be redacted in cases where all circuits fed out of that substation fail the 15/15 Rule.

17 DIDF Projects from Most Recent Cycle

17.1 Standard Offer Contract

SCE held a solicitation for SOC in 2022. There were no bids which met the need and were cost effective. Since last year's solicitation, a ruling came out to end the SOC pilot program, so we will not be holding another going forward.

17.2 Partnership Pilot

SCE submitted AL 4905-E on November 15, 2022 seeking approval to launch the 2023 Partnership Pilot[73] and received AL 4905-E Disposition Letter with Commission's approval on December 20, 2022[74]. Within the approved AL,

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72 A deficiency value can be found by the following equation: [(Deficiency) = (Rating) x (Deficiency %)]. In an equation with three variables, if any two variables are known, the third variable can be calculated. SCE has chosen to redact two (Equipment Rating and Deficiency %) of the three variables to prevent back calculation of a value that could later be used in an effort to derive a customer's energy use.

73 "Southern California Edison Company's Request for Approval to Launch the 2023 Partnership Pilot," Advice 4905-E, Nov. 15, 2022.

74 CPUC Disposition Letter, Acceptance Effective Dec. 15, 2022, of Advice Letter 4905-E, Southern California Edison Company's Request for Approval to Launch the 2023 Partnership Pilot, Nov. 15, 2022

SCE recommended three candidate deferral projects for the Partnership Pilot, the *Saugus-Haskell 66kV Subtransmission Line Rebuild* project, the *New Rector-Riverway No. 2 66kV Subtransmission Line* project, and the *Upgrade Transformers at North Oaks Substation* project. The subscription periods for these projects opened on January 19, 2023 and the first projects to close their subscription period will not occur until December 1, 2023, to date we do not have any reservations for any of the 2023 projects.

Pursuant to Decision (D.)21-02-006 (the Decision) and Rulemaking (R.)21-06-017, Administrative Law Judges' ruling approving in part SCE's Motion for Extension of Time to File 2022 Grid Needs Assessment/Distribution Deferral Opportunities Report, issued on August 30, 2022, SCE submitted AL 4947-E on January 13, 2023 seeking approval to launch the Second 2023 Partnership Pilot to procure distributed energy resources (DERs) that could defer the newly recommended traditional distribution project that had been identified in SCE's full GNA/DDOR submitted on January 13, 2023, for the Partnership Pilot as part of SCE's 2022 Distribution Investment Deferral Framework (DIDF) cycle. SCE received AL 4947-E Disposition Letter with Commission's approval on February 17, 2023 with an effective date of February 12, 2023. Within the approved AL, SCE recommended one additional candidate deferral project for the 2023 Partnership Pilot, the *New 16 kV Circuit at Bullis 66/16 kV Substation (Colyer Circuit)* Project. The subscription period for this project opened on March 24, 2023 and is due to close on December 1, 2023, to date we do not have any reservations.

17.3 DIDF RFO

SCE did not launch a DIDF RFO in its 2021-2022 DIDF cycle because it only had one remaining Tier 1 project after identifying one project for the SOC pilot and three for the Partnership Pilot. The remaining Tier 1 project, the *New Circuit at Elizabeth Lake Substation*, was part of the unsuccessful prior DIDF solicitation. The offers received for this project in the prior RFO did not meet the needs for any of the deferral years. Because the solicitation was concluded without any DER offers selected, SCE did not believe that either BTM or IFOM technologies were likely to successfully defer this project in a solicitation launched the following year. The results of the prior DIDF RFO are described in more detail in SCE's Advice 4523-E.

SCE launched the *New Circuit at Triton* project in its 2022-2023 DIDF RFO on September 15, 2022. SCE received offers on November 30, 2022, Negotiations with shortlisted counterparty(s) were held; however, ultimately final agreements were not able to be reached and the 2022-2023 DIDF RFO concluded.

17.4 SCE Owned DERs

SCE Owned DERs were proposed solutions for these projects and continue to be assessed to determine next steps.

The *Rebuild Mesa-Narrows 66 kV Subtransmission Line* project was previously identified to be deferred by a SCE owned and operated BESS projects: Mercury 1 and Mercury 2 as introduced in Section 7.3. Mercury 1 is a 3.0 MW / 9.00 MWh system on the Yorktown 12 kV circuit with a target operational date of 2023; Mercury 2 is a 3.5 MW / 8.75 MWh system on the Cadillac 12 kV circuit with a target operational date of 2023. However, load growth in the area results in additional capacity needs and drives the need for this project again. SCE has determined that the existing Mercury 1 equipment can be utilized to increase the power rating from 3.0 MW to 3.5 MW with software configuration changes. This change can ensure the continuous deferral of this subtransmission line rebuild project from 2025 to 2028.

The *Install a New Transformer at Mira Loma Substation* project was an identified Tier 2 project to be deferred out of the 10-year planning horizon by an existing SCE owned and operated BESS connected at the project need location.

The *Install a New 12 kV Circuit at Irvine 66/12 kV Substation* project was an identified Tier 1 candidate deferral project from the 2022 GNA & DDOR. SCE continues to explore IOU owned DER solutions to defer this project. This circuit project was not a good candidate for either SOC or Partnership Pilot due to its low ranking according to the pilot selection methodologies (i.e., the lowest ranking project for SOC, the penultimate ranking Tier 1 project for PP) in 2022. In addition, the project's operating date of 2025 makes it likely infeasible for DER developers to go through the RFO process (e.g., complete interconnection study, gain Resource Adequacy eligibility) and to have the DERs installed on time.

This project has relatively small needs that could qualify potential DER solutions for faster interconnection processes such as the WDAT Fast Track Process or Independent Study Process, that would have impacted the cost effectiveness of the DER solutions because DER projects using these processes would not have received deliverability from CAISO. Based on this assessment of all the standard DIDF solicitation options, SCE continues to explore IOU-owned DER solutions including utility-owned mobile energy storage solutions to defer this new circuit project. IOU-owned DER solutions could potentially alleviate the limitations third-party DER solutions have and result in a successful deferral for some challenging projects.

18 Requirements Fulfillment

Table 29 provides a summary of the implementation of the reforms established in the 2020 May DIDF Ruling, the 2021 DIDF Ruling, the 2022 DIDF Ruling, and the 2023 DIDF Ruling. Many of the 2020, 2021, and 2022 reforms have been implemented, as was discussed in SCE's 2020, 2021, and 2022 GNA/DDOR Narrative and are therefore not referenced in Table 29 or in this narrative. Only the remaining reforms from the 2020-2022 May DIDF Rulings, as well as the new reforms from the 2023 DIDF Ruling are discussed below.

TABLE 29: NEW GNA FIELDS ADDED TO THE 2023 DRPEP IMPLEMENTATION

No.	Reforms	Fulfillment Description
32 (2020, updated in 2021)	During the 2021-2022 DPAG meetings the IOUs shall include a discussion of GPI's and the IOUs' comments about prioritization changing from a relative ranking among the candidate deferral projects identified each year to a ranking based on baseline/absolute threshold values that would carry over each year.	SCE discussed the revised reform in its 2021 DPAG meeting.
34 (2020)	If the cost of a planned investment or deferral opportunity conflicts with the corresponding project cost reported in an IOU's same-year GRC filing, the IOU shall, in the GNA/DDOR, identify the GRC-specific cost and explain the discrepancy. Pursuant to D.18-02-004, Ordering Paragraph 2h., the discrepancy must also be presented in the GRC testimony.	Not applicable to future GNA and DDOR filings since the GNA/DDOR filings are provided annually in August and the IOU GRC applications were recently changed to May. IOUs will not be aware of cost discrepancies in their GNA/DDOR filing that precedes their GRC. Any discrepancies will be captured

		between the GNA/DDOR filing and SCE's GRC application in the GRC testimony.
50 (2020)	With each GNA/DDOR filing, the IOUs shall append or separately provide to Energy Division a report organized by deferral opportunity that contains itemized data on any payments made to contracted deferral projects and all spending on contingency plans for each deferral opportunity. The reporting shall include any modifications or additional details required by Energy Division. The reporting shall include all candidate deferral projects launched in a DIDF RFO since 2018 and will continue to cover this timeframe unless modified by Energy Division. Additional reporting guidelines apply on GRC filing years pursuant to D.18-02-004, Ordering Paragraph 2.dd.	SCE will provide this report along with its 2023 GNA/DDOR.
1 (2021)	Costs related to any CPUC-required DRP data portal enhancements, incremental to GRC authorized amounts, may be tracked within the Distribution Resources Plan Memorandum Account (DRPMA).	SCE will track and recover these costs accordingly.
2 (2021)	Written questions and all replies to the IOUs during the annual DIDF cycle shall be shared with Energy Division and the service list.	SCE compiled all questions and responses when the feedback period was complete and shared them with Energy Division and the service list this year and will continue to do so in the future.
4 (2021)	IOUs shall provide to the DRP service list public, fully unlocked Excel versions of all spreadsheets in the GNA/DDORs upon filing every August 15th.	SCE will provide public, fully unlocked Excel versions of all GNA/DDOR spreadsheets upon filing the narrative.
6 (2021)	Every six months IOUs shall submit to ED a DIDF Procurement Status Report noting the status of all DIDF contracts (RFO, SOC, Partnership Pilot), expected Date of Service, any modifications made to any contracts under the DIDF. The report shall include clear tables with current DIDF contract data as well as DIDF contract data from every DIDF cycle to date (including the prior IDER Pilots). A public version shall be shared with the DPAG and a confidential version with Energy Division. The IOUs shall produce its first report on November 15th and an update six months later. The IOUs should present a draft format of the report and data field to Energy Division who will	SCE submitted its status reports on November 15, 2021, May 16, 2022, and November 22, 2022.

	provide guidance on the contents of the report by September 30, 2021. Energy Division may alter the format and contents of the report as needed on an ongoing basis to ensure the information reported is adequate to evaluate procurement status and outcomes.	
8 (2021)	The Commission shall permit the deployment date of the GNA and DDOR layers on Distribution Resource Plan Data Portals to occur by August 30th annually.	SCE will update the GNA and DDOR layers to its DRP External Portal by January 27, 2023.
1 (2022)	Delay the due date for the annual IE Report to mid-March	Not applicable to SCE.
2 (2022)	Require thorough details on the interconnection process, including timelines, to improve transparency and decrease the associated barrier to submitting successful projects	SCE included this information as part of RFO materials this year and will continue to do so in the figure.
3 (2022)	A procurement window of a minimum of 75 days should be implemented for the Standard-Offer-Contract, extending from September 15th to at least November 30th. If a second round Standard-Offer-Contract solicitation launches, the same 75-day minimum solicitation window should apply. Utilities may use a longer solicitation window.	SCE updated the procurement window for the 2022 SOC.
4 (2022)	Funds not spent in any Partnership Pilot project tranche should be rolled over to the subsequent tranche. Excess funds that may remain after the full deferral period (i.e., there are no future tranches to receive the roll over) shall be returned to ratepayers. In addition, funds should be rolled over to the next tranche while maintaining the deployment (20 percent), reservation (30 percent), and performance (50 percent) payment structure. Tranche design will be reviewed in the annual DIDF reform process as pilot data becomes available.	SCE will adjust the Partnership Pilot project tranche design budget accordingly.
5 (2022)	Each utility shall develop, document, and implement a quantitative ranking method for the Standard-Offer-Contract pilot and Partnership Pilot project selection in their 2022 GNA/DDOR filings, which shall be the primary factor used for the selection of projects to pilot. Qualitative measures may also be applied by	SCE's implementation of this reform is explained in Section 1312.

	Utilities as a secondary factor but must be fully documented and described in the GNA/DDOR filing.	
6 (2022)	Utilities shall include a detailed review of known load projects in their GNA/DDOR filings, including but not limited to, types of loads, number, amounts, and timing. A summary shall also be included similar to the evaluation provided in Section 3 of the March 17, 2022 IPE Report. Utilities shall each evaluate in their 2022 GNA/DDOR filings SCE's approach to tracking known load projects that identifies embedded and incremental loads and compare it to the PG&E and SDG&E approaches with the goal of proposing a standardized approach in the IOUs' 2023 DIDF reform comments. Utilities shall collaborate with the CEC and Energy Division staff on improving the IEPR demand forecast by exchanging information on modelling and assumptions used in the utility and CEC load forecasting processes.	SCE's implementation of this reform is explained in Section 6 and provided the Known Load Projects report.
7 (2022)	This ruling continues the requirement to include line section data in the GNA/DDOR filing. Stakeholders are asked to consider the continued need for this data and provide comment on this matter in the 2022/2023 DIDF cycle. Given the experience of the 2021-2022 DIDF cycle, it is reasonable to grant an extension to file the required line section data. Accordingly, if necessary, Utilities may supplement their GNA/DDOR filings with line section data and the associated analyses no later than October 15, 2022.	SCE does not yet have the software tool capability to run line segment analysis. SCE is currently developing this systematic capability so that distribution planners can run power flows to identify line segment needs. SCE is still working through challenges and design with its software vendor. Therefore, SCE will not be able to include line segment level data within its 2022 GNA and DDOR. Until SCE has fully developed this capability, SCE will continue to perform and document circuit level analyses for the GNA and DDOR.
1 (2023)	In order to make them part of the proceeding record, utilities shall be responsible for filing IE and IPE reports with the Commission and serving the reports to the service list.	SCE will file these reports when they become available each year.
2 (2023)	The Commission has stated that the purpose of the guardrail or off-ramp provision for pilots is to determine whether the pilot should be modified or terminated and also to ensure protection of ratepayer funds. To ensure protection of ratepayer funds, the	As noted in Section 2 of this document, the SOC Pilot has been removed from the report.

	Standard-Offer-Contract pilot should not be continued, and no further solicitations should occur.	
3 (2023)	The Ruling found that sufficient data to track known loads year over year is needed to understand whether the known loads materialize and why types of customer requests lead to known loads. To accomplish this, the initial in-service date initially requested by the customer, actual load amount, actual service date, and the annual amounts of service requested are important to track. Utilities shall jointly develop a uniform list of type of customer and customer load categories and include the data in the report."	SCE's response to this requirement can be found in Section 6 of this document.
4 (2023)	Given the complexity of the tracking data submittals and the fact that the three Utilities report data differently because of differences in their business processes and IT systems, Utilities are instructed to provide a narrative summary report that includes metrics calculated by Utilities based upon utility tracking data and the implications of those metrics; this would be in addition to the tracking data.	SCE has provided extensive additional discussion in Section 6 this year to meet the requirement for a narrative summary report.
5 (2023)	Pursuant to the May 11, 2020 Ruling, Utilities are required to identify all distributed energy resources solutions planned for investor-owned utility ownership or otherwise planned for procurement but not prioritized as deferral opportunities, and are required to include an indicator that the project is excluded from prioritization. The 2023 DIDF Ruling requires an additional spreadsheet that removes projects otherwise planned for procurement or identified for utility ownership. The identification of these projects, which are not likely to be recommended for deferral, will improve the Candidate Deferral Opportunity prioritization.	SCE has no such projects listed in Section 11.1 for 2023, and thus has not provided a separate spreadsheet with them removed.

Table 30 below provides a summary of all columns present in the GNA report. The table lists the attribute/field name, a brief description of the attribute/field, and the 2019/2020 May Ruling requirement for that attribute/field.

TABLE 30: GNA REPORT COLUMN REQUIREMENT FULFILLMENT AND DESCRIPTION

Attribute/Field	Brief Description	Requirement
Grid Needs Assessment Sheet		

GNA ID	A unique identifier for each line item in the *Grid Needs Assessment (GNA)* sheet. This number is assigned in the GNA sheet but used for linkage purposes in both the Planning Assumptions sheets and DDOR.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.c. • Attachment A: All Other Grid Service Needs 2.a.
Substation / Subtransmission Line	Defines the level of the electrical hierarchy at which the corresponding needs have been identified.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.d. • Attachment A: All Other Grid Service Needs 2.b.
Circuit		
Distribution Service Required	Types of distribution service related to the services adopted by D.16-12-036: Capacity, Voltage including Reactive Power, Reliability, and Resiliency	The 2019 May Ruling: • Attachment A: All Other Grid Service Needs 2.d.
Primary Driver of Grid Need	Defines whether the identified grid need is *primarily* driven by[75]: • DER growth • Demand Growth	Ordering Paragraph No. 7 of D.18-03-023, DRP Track 3, Sub-track 2 Final Decision
Operating Date	The date on which traditional infrastructure must be constructed and energized, in advance of the forecasted grid need to maintain safety and reliability.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.j. • Attachment A: All Other Grid Service Needs 2.e.
Equipment Element	Defines the category of equipment.	The 2019 May Ruling: • Attachment A: All Other Grid Service Needs 2.f.
Equipment Rating	Defines the equipment's lowest rated capacity without any planned investments.	
Equipment Units	Defines the equipment's corresponding units.	
Deficiency (MW, MVAR, or V_{pu})	The GNA deficiencies are a summary of the summation of the needs for each circuit, substation, and subtransmission line listed in the DDOR Planned Investments. The deficiency % is the deficiency divided by the lowest rating in that year.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.i.
Deficiency (%)		The 2019 May Ruling: • Attachment A: GNA Datasets 1.h. • Attachment A: All Other Grid Service Needs 2.h.
Planning Assumptions_DistSub and Planning Assumptions_Feeder Sheets		

75 SCE notes Equipment Replacement, Other factor(s), and Combination of factors were drivers not historically used in the categorization of grid needs, but were initially referenced in SCE Advice 3787-E.

Facility	Defined as *Substation* above for Planning Assumptions_DistSub sheet. Defined as *Circuit* above for Planning Assumptions_Feeder sheet.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.d. • Attachment A: All Other Grid Service Needs 2.b.
GNA ID	A unique identifier for each line item in the *Grid Needs Assessment (GNA)* sheet. This number is assigned in the GNA sheet but used for linkage purposes in both the Planning Assumptions sheets and DDOR	The 2019 May Ruling: • Attachment A: GNA Datasets 1.c. • Attachment A: All Other Grid Service Needs 2.a.
Base Demand (MW)	Represents the cumulative annual load growth combined with time of use impacts (not including DER growth).	The 2019 May Ruling: • Attachment A: GNA Datasets 1.a.
Cumulative Demand (MW)	Represents the cumulative forecasted demand that would need to be served by SCE's assets. This is the forecasted peak load that is temperature adjusted to the current approved weather design criteria.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.f. • Attachment A: GNA Datasets 1.g.
Facility Loading (%)	Represents the criteria utilization of the facility.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.e. • Attachment A: All Other Grid Service Needs 2.g.
Facility Loading Limit (MW)	Represents the facility rating after all projects are in-service.	Added to facilitate use of GNA data within the IDER Avoided Cost Calculator.[76]
Residential PV (MW)	Represents the cumulative annual CEC AC nameplate of PV resources for a given facility, split out between residential and non-residential. This is the amount of PV that coincides with the anticipated time of the facility's peak.	The 2019 May Ruling: • Attachment A: GNA Datasets 1.b.iii.
Non-Residential PV (MW)		The 2019 May Ruling: • Attachment A: GNA Datasets 1.b.iv.
EE (MW)	Represents the cumulative annual energy efficiency savings that coincide with the anticipated time of the facility's peak.	The 2019 May Ruling: Attachment A: GNA Datasets 1.b.i.

76 CPUC, "Energy Division Staff Proposal for 2020 Avoided Cost Calculator Update," Final April 16, 2020 (*available at* https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M334/K786/334786698.pdf).

EV (MW)	Represents the cumulative annual amount of EV load that coincides with the anticipated time of the facility's peak.	The 2019 May Ruling: Attachment A: GNA Datasets 1.b.v.
ES (MW)	Represents the cumulative annual amount of energy storage that coincides with the anticipated time of the facility's peak.	The 2019 May Ruling: Attachment A: GNA Datasets 1.b.vi.
Total DER Growth (MW)	Represents the total cumulative DER growth that coincides with the anticipated time of the facility's peak.	Added to facilitate use of GNA data within the IDER Avoided Cost Calculator.[77]

Table 31 provides a summary of all columns present in the DDOR. The table lists the attribute/field name, a brief description of the attribute/field, and the regulatory requirements for that attribute/field.

TABLE 31: DDOR REPORT COLUMN REQUIREMENT FULFILLMENT AND DESCRIPTION

Attribute/Field	Brief Description	Requirement
Planned Investments		
GNA ID	A unique identifier for each line item in the *Grid Needs Assessment (GNA)* sheet. This number is assigned in the GNA sheet but used for linkage purposes in both the Planning Assumptions sheets and DDOR.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a. The 2020 May Ruling: Reform #18
DDOR ID	A unique identifier for each line item in the *Planned Investments* sheet. DDOR ID can be used to map planned investments to candidate deferral projects.	
DDOR Project ID	A project identifier used to associate different components of a single project.	
Substation/Subtransmission Line	Defines the level of the electrical hierarchy for which a project and/or a need has been identified.	
Circuit		
Distribution Service Required	Types of distribution service related to the services adopted by D.16-12-036: Capacity, Voltage including Reactive Power, Reliability, and Resiliency	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.b.
Project Description	High level description of the project's scope using standardized language	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a.
Project Description (Additional Information)	Complementary field to "Project Description" which offers an added level of detail	

77 *Ibid.*

Type of Equipment to Be Installed	The major equipment categories for the project	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.c.
Operating Date	The date on which traditional infrastructure must be constructed and energized to maintain safety and reliability.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.d.
Deficiency (MW, MVAR, or V_{PU})	The deficiencies are the needs being fulfilled by the proposed project for each circuit, substation, and subtransmission line listed in the Planned Investments and Candidate Deferrals.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Planned Investments 4.
Deficiency %	The deficiency % is the deficiency divided by the equipment rating.	
DER Eligible Service	Indication of whether the planned investment passes the technical and timing screens.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.e.
Estimated LNBA Value	The LNBA value of each planned investment using the Commission approved methodology.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Planned Investments 10. The 2020 May Ruling Reform #5
Residential Customer	Provides a customer type breakdown via count for the circuit, substation or subtransmission line associated with a specific planned investment.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.f.
Commercial Customer		
Industrial Customer		
Agricultural Customer		
Other Customer		
AACE Level of Cost Estimate	Equivalent AACE classifications of cost estimate for each planned investment by correlating SCE's business processes and AACE classifications.	The 2020 May Ruling: Reform #33
Project History	Identifies all projects included in prior DIDF cycles starting in 2019.	The 2021 June Ruling: Reform #7
Notes	Field utilized to record additional facts or topics for the specific planned investment not already captured elsewhere. The approval status of Pre-Application and Post-Application projects is presented here.	The 2020 May Ruling Reforms #33 and 37
Candidate Deferral Projects		
GNA ID	A unique identifier for each line item in the *Grid Needs Assessment (GNA)* sheet. This number is assigned in the GNA sheet but used	The 2019 May Ruling: Attachment A: Project Specific DDOR data-

	for linkage purposes in both the Planning Assumptions sheets and DDOR.	Planned Investments 1.a.
DDOR ID	A unique identifier for each line item in the *Planned Investments* sheet. DDOR ID can be used to map planned investments to candidate deferral projects.	
Tier	Designates the tier of the candidate deferral project that results from applying prioritization metrics to the candidate deferrals.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals "tiered format" 2.
DDOR Project ID	A project identifier used to associate different components of a single project.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a.
Substation/Subtransmission Line	Defines the level of the electrical hierarchy for which a project and/or a need has been identified.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Candidate Deferral Projects 1.
Circuit		
Distribution Service Required	Types of distribution service related to the services adopted by D.16-12-036: Capacity, Voltage including Reactive Power, Reliability, and Resiliency	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.c.
Project Description	High level description of the project's scope using standardized language	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a.
Project Description (Additional Information)	Complementary field to "Project Description" which offers an added level of detail	
Type of Equipment to Be Installed	The major equipment categories for the project	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.c.
Operating Date	The date on which traditional infrastructure must be constructed and energized to maintain safety and reliability.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Candidate Deferral Projects 2.
Deficiency (MW, MVAR, or V_{PU})	The deficiencies are the needs being fulfilled by the proposed project for each circuit, substation, and subtransmission line listed in the Planned Investments and Candidate Deferrals.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Planned Investments 4. The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.d.
Deficiency %	The deficiency % is the deficiency divided by the equipment rating.	

Cost Effectiveness	LNBA Value ($/MW-yr)	The peak capacity based LNBA value of each candidate deferral using the Commission approved methodology.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.g.
	LNBA Value ($/MWh-yr)	The annual energy based LNBA value of each candidate deferral using the Commission approved methodology.	
	LNBA Value ($/MWh-day)	The peak day energy based LNBA value of each candidate deferral using the Commission approved methodology. This is for informational purpose.	The 2020 May Ruling: Reform #30
	Unit Cost of Traditional Mitigation ($)	The unspent cost of the candidate deferral project.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.g. The 2020 May Ruling Reform #37
Forecast Certainty	Grid Need Certainty	The weighted level of certainty score of the forecasted load growth driving the candidate deferral project.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.g.
	Year of Need	The starting year of the grid needs mitigated by the candidate deferral project.	
Market Assessment	Duration	The maximum duration of needs within the 10-year planning horizon.	
	Capacity Needs per Affected Asset	An index of capacity needs per affected circuit. The relevant geographic area is represented by the number of circuits that a DER can connect to meet the need.	
	Operational Requirement	Whether DERs require real time, day ahead, or islanding (operate disconnected from the bulk electric system) operations to meet the specified grid need	
	Number of Gird Needs	The minimum number of DER interconnections required to meet the specified grid need.	
AACE Level of Cost Estimate		Equivalent AACE classifications of cost estimate for each candidate deferral by correlating SCE's business processes and AACE classifications.	The 2020 May Ruling: Reform #33
Project History		Identifies all projects included in prior DIDF cycles starting in 2019.	The 2021 June Ruling: Reform #7
Notes		Field utilized to record additional facts or topics for the specific planned investment not already captured elsewhere. The approval status of Pre-Application and Post-Application projects is presented here.	The 2020 May Ruling Reforms #33 and 37
Candidate Deferral Add Info			

GNA ID	A unique identifier for each line item in the *Grid Needs Assessment (GNA)* sheet. This number is assigned in the GNA sheet but used for linkage purposes in both the Planning Assumptions sheets and DDOR.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a.
DDOR ID	A unique identifier for each line item in the *Planned Investments* sheet. DDOR ID can be used to map planned investments to candidate deferral projects.	
Tier	Designates the tier of the candidate deferral project that results from applying prioritization metrics to the candidate deferrals.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals "tiered format" 2.
DDOR Project ID	A project identifier used to associate different components of a single project.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Planned Investments 1.a.
Substation/Subtransmission Line	Defines the level of the electrical hierarchy for which a project and/or a need has been identified.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Candidate Deferral Projects 1.
Circuit		
Distribution Service Required	Types of distribution service related to the services adopted by D.16-12-036: Capacity, Voltage including Reactive Power, Reliability, and Resiliency	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.c.
Operating Date	The date on which traditional infrastructure must be constructed and energized to maintain safety and reliability.	Decision (D.) 18-02-004: 3.4.1.3 DDOR Contents- Candidate Deferral Projects 2.
Unit Cost of Traditional Mitigation ('000)	The unspent cost of the candidate deferral project.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.f. The 2020 May Ruling Reform #37
Contingency Plan ('000)	The cost associated with implementing a traditional wires contingency in the event the DER solution does not come online to meet the grid need.	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.h.
Capacity (MW)	The forecasted peak capacity need for the specified "Year"	The 2019 May Ruling: Attachment A: Project Specific DDOR data- Candidate Deferrals 2.a.; 2.d.; 2.e.
Energy Need (MWh)	The forecasted energy need for the peak day in the specified "Year"	
Hour of Day	The forecasted hours that there is a grid need on the peak day a specified "Year"	

Duration	Number of hours with grid needs on the peak day of a specified “Year”	
Time of Year	The seasons in which the need is forecasted to occur for a specified “Year”	
Monthly Frequency	The maximum forecasted number of days the grid needs present during a month during a specified “Year”	
Yearly Frequency	The total forecasted number of days that the grid needs present during a specified “Year”	
Year	The year within the 10-year planning horizon	

Attachment B

IEPR Scenario Approval for 2023 GNA/DDOR prep (R.21-06-017)

Vikki Cross

Subject: FW: (External):High DER: IEPR Datasets Approval for 2023 GNA/DDORs (R.21-06-017)
Attachments: Supplemental Joint IOU Letter to ED - 2023 GNA DDOR Proposal.pdf; Joint IOU Proposed TE Forecast_revised06132022.xlsx

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From: Peterson, Robert <Robert.Peterson@cpuc.ca.gov>
Sent: Thursday, July 28, 2022 5:25 PM
To: Peterson, Robert <Robert.Peterson@cpuc.ca.gov>
Subject: (External):High DER: IEPR Datasets Approval for 2023 GNA/DDORs (R.21-06-017)

***** EXTERNAL EMAIL - Use caution when opening links or attachments *****
***** EXTERNAL EMAIL WITH ATTACHMENT - BE CAREFUL NOT TO OPEN IF THIS DOCUMENT IS NOT EXPECTED OR TRUSTED *****

To High DER (R.21-06-017) Service List:

Joint IOUs,

Your request (attached) for Integrated Energy Policy Report (IEPR) datasets to use for 2023 Grid Needs Assessment (GNA)/Distribution Deferral Opportunity Report (DDOR) preparation is approved.

Best,

Rob Peterson|Senior Analyst|Grid Planning and Reliability, Energy Division|California Public Utilities Commission|300 Capitol Mall, 4th Floor, Sacramento, California 95814

From: Chong, Kimberley K <KChong@sdge.com>
Sent: Friday, June 17, 2022 11:57 AM
To: *[High DER (R.21-06-017) Service List]*
Subject: SUPPLEMENTAL: Joint IOU Letter to ED (2023-2024 GNA/DDORs)

As a follow-up to the Joint IOUs submittal on May 11, 2022, referenced below, attached is a supplemental Joint IOU letter (with supporting excel attachments) to the Energy Division seeking Energy Division staff approval of IEPR forecast elements for the 2023-2024 GNA/DDOR cycle.

Also included is the excel files supporting this request and referenced below:

- Joint IOU Proposed TE Forecast_revised06132022.xlsx

Note: On June 7, 2022, San Diego Gas & Electric Company submitted a Joint Withdrawal Letter for Advice Letter 4005-E et al. to the Commission.

Please reach out to the Kimberley Chong (kchong@sdge.com) with any questions.

Thank you.

Kimberley Chong, P.E.

Regulatory Case Manager
Regulatory Policy & Proceedings
Email: KChong@sdge.com
Office: 619-676-5833

From: SDG&E Tariffs <SDGETariffs@sdge.com>
Sent: Wednesday, May 11, 2022 2:15 PM
To: *[High DER (R.21-06-017) Service List]*
Subject: SDG&E Joint Advice Letter 4005-E et al (2023-2024 GNA/DDORs)

Attached above is SDG&E Joint Advice Letter 4005-E et al and a Joint IOU letter (with supporting excel attachments) to the Energy Division seeking Energy Division staff approval of IEPR forecast elements for the 2023-2024 GNA/DDOR cycle.

San Diego Gas & Electric on behalf of Pacific Gas and Electric and Southern California Edison submitted the following joint advice letter to the Commission:

Advice Letter 4005-E
San Diego Gas and Electric Company (U 902-E)

Advice Letter 6591-E
Pacific Gas and Electric Company (U 39-E)

Advice Letter 4792-E
Southern California Edison Company (U 338-E)

Subject: **Joint Utilities' Request for Commission Approval to Use a Portion of the Inter-Agency Working Group's Transportation Electrification Forecast Component in Each Utility's 2023-2024 GNA/DDORs**

This email distribution includes service to SDG&E General Order 96-B distribution and Service List R.21-06-017

The advice letter will be accessible on SDG&E's website: http://www.sdge.com/rates-regulations/tariff-information/advice-letters

****

Per Reform #3 in Attachment A of the May 11, 2020 Ruling, please find a letter to the Energy Division seeks Energy Division staff approval of IEPR forecast elements for the 2023-2024 GNA/DDOR cycle attached.

Also included are excel files supporting this request and referenced below:
- Joint IOU Proposed TE Forecast.xlsx
- CED 2021 Load Modifiers IEPR Mid.xlsx

Additionally, Ordering Paragraphs 1a and 1b of Decision D.18-02-004 allows for Energy Division staff approval of adopted IEPR datasets to apply to GNA/DDOR development and directs the IOUs to file an Advice Letter should they determine that alternate datasets are necessary due to deficiencies in available IEPR datasets. As such, the Joint IOUs are also attaching an advice letter to request approval to replace the projected TE loads in the latter years of the 2020/2021 IEPR forecast, specifically years 2030-2032, with the projected TE loads from the IAWG scenario.

Please reach out to the Kimberley Chong (kchong@sdge.com) with any questions.

Thank you.

Attachment C

2023 Grid Needs Assessment Report Redacted Dataset

(PUBLIC VERSION)

GNA ID	Substation / Subtransmission Line	Circuit	Distribution Service Required	Primary Driver of Grid Need	Operating Date	Equipment			Deficiency (MW, MVAR, or Vpu)[1]					Deficiency (%)[1]				
						Element	Rating	Units	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_1	Alder 66/12 (D)	Lytle	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	1.07	1.07	1.07	1.07	1.02	[redacted]				
GNA_2023_2	Alessandro 115/12 (D)	Serpentine	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.04	MW	0.00	0.28	0.35	0.48	1.09	0.00%	2.53%	3.17%	4.33%	9.73%
GNA_2023_3	Alhambra 66/4.16 (D)	Commonwealth	Capacity	Demand Growth	10/1/2023	Distribution Feeder	2.90	MW	0.07	0.08	0.08	0.08	0.08	2.41%	2.76%	2.76%	2.76%	2.76%
GNA_2023_4	Anaverde 66/12 (D)	Pelona	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	0.01	0.03	0.03	0.03	0.03	1.67%	5.00%	5.00%	5.00%	5.00%
GNA_2023_5	Aqueduct 115/12 (D)	Floodgate	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.74	MW	1.70	1.30	1.24	0.78	1.41	17.45%	12.91%	12.31%	7.43%	14.16%
GNA_2023_6	Aqueduct 115/12 (D)	null	Capacity	Demand Growth	6/1/2027	Distribution Substation	106.90	MW	0.00	0.00	0.00	0.00	4.06	0.00%	0.00%	0.00%	0.00%	3.80%
GNA_2023_7	Aqueduct 115/12 (D)	Tunnel	Capacity	Demand Growth	6/1/2024	Distribution Feeder	[redacted]	MW	0.00	0.00	0.00	0.00	0.13	[redacted]				
GNA_2023_8	Arcadia 66/4.16 (D)	Haven	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.40	MW	0.31	0.33	0.34	0.36	0.38	12.92%	13.75%	14.17%	15.00%	15.83%
GNA_2023_9	Archibald 66/12 (D)	Imbach	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	0.00	0.12	0.12	0.12	0.12	[redacted]				
GNA_2023_10	Archibald 66/12 (D)	Borba	Capacity	Demand Growth	6/1/2025	Distribution Feeder	[redacted]	MW	0.00	0.00	0.00	3.27	3.37	[redacted]				
GNA_2023_11	Archibald 66/12 (D)	Bravon	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	[redacted]	MW	1.17	1.28	0.13	0.28	0.33	[redacted]				
GNA_2023_12	Archibald 66/12 (D)	Creekside	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.96	MW	0.00	0.00	0.00	0.00	0.24	0.00%	0.00%	0.00%	0.00%	2.37%
GNA_2023_13	Archibald 66/12 (D)	Danish	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.65	MW	0.00	0.00	0.00	20.98	21.16	0.00%	0.00%	0.00%	201.54%	202.29%
GNA_2023_14	Archibald 66/12 (D)	Hofer	Capacity	Demand Growth	6/1/2024	Distribution Feeder	6.80	MW	0.93	1.47	1.63	1.73	1.71	13.68%	21.62%	23.97%	25.44%	25.15%
GNA_2023_15	Archibald 66/12 (D)	Hofer	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.57	MW	1.26	1.67	1.80	2.02	2.22	13.03%	16.89%	18.20%	20.65%	23.20%
GNA_2023_16	Archibald 66/12 (D)	Kropp	Capacity	Demand Growth	6/1/2025	Distribution Feeder	11.96	MW	0.63	0.70	0.70	0.70	0.67	5.27%	5.85%	5.85%	5.85%	5.60%
GNA_2023_17	Athens 16/4.16 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	6.10	MW	1.30	1.30	0.00	0.00	0.00	21.31%	21.31%	0.00%	0.00%	0.00%
GNA_2023_18	Auld 115/12 (D)	Brumfield	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	1.39	1.39	1.39	1.39	1.42	231.67%	231.67%	231.67%	231.67%	236.67%
GNA_2023_19	Auld 115/12 (D)	Thoroughbred	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	1.31	1.10	1.10	1.13	1.28	218.80%	183.10%	183.10%	189.05%	212.85%
GNA_2023_20	Bain 66/12 (D)	Conning	Capacity	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.17	1.85	3.70	4.07	4.04	[redacted]				
GNA_2023_21	Bain 66/12 (D)	Heftler	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	[redacted]	MW	0.43	1.22	1.41	1.89	3.30	[redacted]				
GNA_2023_22	Baker 115/12 (D)	Chavez	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	0.02	2.40	2.40	2.40	2.40	3.33%	400.00%	400.00%	400.00%	400.00%
GNA_2023_23	Baker 115/12 (D)	null	Capacity	Demand Growth	12/31/2024	Distribution Substation	5.04	MW	7.59	7.70	16.30	22.89	30.02	150.60%	152.78%	323.41%	454.17%	595.63%
GNA_2023_24	Barstow 33/33 (D)	Montara	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	1.80	MVAR	3.52	3.52	3.52	3.52	3.52	195.56%	195.56%	195.56%	195.56%	195.56%
GNA_2023_25	Bicknell 16/4.16 (D)	Eastmont	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	0.03	0.03	0.01	0.01	0.01	[redacted]				
GNA_2023_26	Bloomington 66/12 (D)	Flatcar	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.70	MW	1.74	2.72	4.13	4.35	4.24	17.86%	27.93%	42.49%	44.85%	43.53%
GNA_2023_27	Bloomington 66/12 (D)	Highball	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.78	MW	1.52	1.41	1.41	1.41	1.52	17.27%	15.93%	16.02%	16.06%	17.18%
GNA_2023_28	Bloomington 66/12 (D)	Redball	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	[redacted]	MW	2.61	2.83	1.96	2.28	2.28	[redacted]				
GNA_2023_29	Bloomington 66/12 (D)	Spike	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.72	MW	0.65	0.65	0.65	0.65	0.65	6.65%	6.65%	6.66%	6.67%	6.69%
GNA_2023_30	Bloomington 66/12 (D)	Turntable	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	[redacted]	MW	0.43	1.20	0.00	0.00	0.54	[redacted]				
GNA_2023_31	Bloomington 66/12 (D)	Wigwag	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	10.20	MW	0.87	1.30	0.33	0.98	1.09	8.25%	12.75%	2.95%	9.25%	10.40%
GNA_2023_32	Bluff Cove 16/4.16 (D)	Arcturus	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.50	MW	1.30	1.33	1.37	1.39	1.41	86.51%	88.51%	91.17%	92.50%	93.83%
GNA_2023_33	Bluff Cove 16/4.16 (D)	Venus	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.93	MW	0.11	0.14	0.16	0.19	0.21	3.76%	4.78%	5.46%	6.49%	7.17%
GNA_2023_34	Blythe 33/33 (D)	Chanslor	Capacity	Demand Growth	6/1/2026	Distribution Feeder	[redacted]	MW	0.00	3.70	3.60	5.70	7.90	[redacted]				
GNA_2023_35	Blythe 33/33 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	94.07	MW	0.00	7.70	7.70	14.30	20.70	0.00%	8.19%	8.19%	15.20%	22.00%
GNA_2023_36	Borrego 66/12 (D)	Rubin	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	0.85	0.85	0.91	0.91	0.96	142.38%	142.38%	150.94%	150.94%	159.51%
GNA_2023_37	Bowl 66/12 (D)	Cox	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	2.73	2.67	2.67	2.67	2.67	455.00%	445.00%	445.00%	445.00%	445.00%
GNA_2023_38	Bowl 66/4.16 (D)	Ohio	Capacity	Demand Growth	6/1/2025	Distribution Feeder	2.40	MW	0.19	0.21	0.22	0.24	0.24	7.92%	8.75%	9.17%	10.00%	10.00%
GNA_2023_39	Boxwood 66/12 (D)	Soda Springs	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	0.82	0.82	0.82	0.82	0.82	[redacted]				
GNA_2023_40	Bradbury 66/16 (D)	Hurstview	Capacity	Demand Growth	10/1/2023	Distribution Feeder	11.90	MW	1.41	1.41	1.41	1.38	1.38	11.85%	11.85%	11.85%	11.60%	11.60%
GNA_2023_41	Bridge 66/4.16 (D)	Girder	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	2.50	MW	0.14	0.17	0.19	0.21	0.24	5.60%	6.79%	7.59%	8.39%	9.59%
GNA_2023_42	Bridge 66/4.16 (D)	Truss	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.93	MW	0.00	0.00	0.00	0.02	0.04	0.00%	0.00%	0.00%	0.68%	1.37%
GNA_2023_43	Bryan 66/12 (D)	Aruba	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	1.25	1.25	1.25	1.25	1.25	209.10%	209.10%	209.10%	209.10%	209.10%
GNA_2023_44	Bryan 66/12 (D)	Fiji	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	0.31	0.31	0.31	0.27	0.27	51.67%	51.67%	51.67%	45.00%	45.00%
GNA_2023_45	Bryan 66/12 (D)	Barbados	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	0.79	0.79	0.79	0.79	0.79	131.88%	131.88%	131.88%	131.88%	131.88%
GNA_2023_46	Bullis 66/16 (D)	Atlantic	Capacity	Demand Growth	6/1/2025	Distribution Feeder	13.00	MW	0.70	0.80	0.70	0.70	0.80	5.38%	4.94%	4.32%	4.32%	4.94%
GNA_2023_47	Bullis 66/16 (D)	Colyer	Capacity	Demand Growth	6/1/2025	Distribution Feeder	13.50	MW	4.30	4.20	6.60	6.50	6.50	31.85%	31.11%	48.89%	48.15%	48.15%
GNA_2023_48	Bullis 66/16 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	82.35	MW	0.00	0.00	1.45	1.35	1.45	0.00%	0.00%	1.76%	1.64%	1.76%
GNA_2023_49	Bunker 115/12 (D)	Carbine	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.24	MW	0.74	1.39	1.52	1.59	1.65	7.91%	15.04%	16.45%	17.17%	17.82%
GNA_2023_50	Bunker 115/12 (D)	Chaney	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.00	MW	2.57	3.61	3.72	3.83	4.09	24.88%	34.88%	35.87%	37.08%	40.90%
GNA_2023_51	Cajalco 115/12 (D)	Starglow	Capacity	Demand Growth	9/1/2023	Distribution Feeder	[redacted]	MW	1.91	0.41	0.48	0.59	0.98	[redacted]				
GNA_2023_52	Calcity 'A' 33/12 (D)	Greasewood	Capacity	Demand Growth	1/1/2024	Distribution Feeder	8.35	MW	8.02	41.30	41.28	41.33	41.43	96.05%	494.61%	494.37%	494.97%	496.17%
GNA_2023_53	Calcity 'A' 33/12 (D)	null	Capacity	Demand Growth	1/1/2024	Distribution Substation	14.24	MW	5.76	37.59	37.57	37.59	37.70	40.45%	263.97%	263.83%	263.97%	264.75%
GNA_2023_54	Calcity 'B' 33/12 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	18.20	MW	9.80	11.09	54.52	79.61	79.61	53.85%	60.93%	299.56%	437.42%	437.42%
GNA_2023_55	Calcity 'B' 33/12 (D)	Overall	Capacity	Demand Growth	6/1/2023	Distribution Feeder	11.96	MW	12.28	13.54	58.63	84.54	84.54	102.68%	113.21%	490.22%	706.86%	706.86%
GNA_2023_56	Calden 66/16 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	26.00	MW	7.90	7.90	7.50	7.50	7.60	30.38%	30.38%	28.85%	28.85%	29.23%
GNA_2023_57	Calectric 115/33 (D)	Meredith	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	3.82	3.76	3.76	3.92	4.70	[redacted]				
GNA_2023_58	Calectric-Highgrove No. 2 115 kV	null	Reliability, Capacity	Demand Growth	12/31/2025	Subtransmission Line	109.00	MW	0.00	3.18	5.30	4.24	5.30	0.00%	3.00%	5.00%	4.00%	5.00%
GNA_2023_59	Camarillo 66/16 (D)	Wigton	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	2.92	3.01	3.10	3.10	3.10	486.67%	501.67%	516.67%	516.67%	516.67%
GNA_2023_60	Cardiff-Del Rosa 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2023	Subtransmission Line	124.00	MW	5.91	6.70	8.85	8.22	9.82	4.77%	5.40%	7.14%	6.63%	7.92%
GNA_2023_61	Carpinteria 66/16 (D)	Sheffield	Capacity	Demand Growth	12/31/2023	Distribution Feeder	11.90	MW	0.30	1.20	1.30	1.30	1.30	2.52%	10.08%	10.92%	10.92%	10.92%
GNA_2023_62	Channel Island 66/16 (D)	null	Reliability, Voltage	Demand Growth	6/1/2026	Distribution Substation	1.00	Vpu	0.00	0.00	0.00	0.94	0.94	0.00%	0.00%	0.00%	94.00%	94.00%
GNA_2023_63	Chase 66/12 (D)	Whisper	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	1.03	1.03	0.97	0.97	0.97	[redacted]				
GNA_2023_64	Chase 66/12 (D)	Bobbit	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.50	MW	0.30	0.28	0.24	0.20	0.15	2.61%	2.43%	2.09%	1.74%	1.30%
GNA_2023_65	Chase 66/12 (D)	Cerrito	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	[redacted]	MW	0.39	0.37	0.35	0.33	0.28	[redacted]				
GNA_2023_66	Chase 66/12 (D)	Diplomat	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	8.15	MW	0.00	2.87	1.87	1.95	2.31	0.00%	32.50%	21.18%	22.08%	26.16%
GNA_2023_67	Chase 66/12 (D)	Griffin	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	9.00	MW	0.63	0.70	0.67	0.63	0.61	6.93%	7.78%	7.44%	7.00%	6.78%
GNA_2023_68	Chase 66/12 (D)	Harlow	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.30	MW	1.02	1.35	1.35	1.33	1.26	9.71%	13.11%	13.07%	12.85%	12.15%
GNA_2023_69	Chase 66/12 (D)	Magnolia	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	8.74	MW	0.52	1.70	1.65	1.63	1.61	5.86%	19.45%	18.88%	18.65%	18.42%
GNA_2023_70	Chase 66/12 (D)	Palace	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	10.17	MW	5.87	7.70	4.05	5.41	5.22	56.71%	75.71%	39.82%	53.20%	51.33%

GNA ID	Substation / Subtransmission Line	Circuit	Distribution Service Required	Primary Driver of Grid Need	Operating Date	Equipment			Deficiency (MW, MVAR, or Vpu)[1]					Deficiency (%)[1]				
						Element	Rating	Units	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_71	Chase 66/12 (D)	Weirick	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder		MW	0.00	0.72	0.70	0.67	0.61					
GNA_2023_72	Chase 66/12 (D)	Whisper	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder		MW	2.08	2.15	1.76	1.74	1.69					
GNA_2023_73	Chase 66/12 (D)	Wyle	Capacity	Demand Growth	6/1/2025	Distribution Feeder	11.96	MW	0.00	0.24	1.15	1.74	1.74	0.00%	2.01%	9.62%	14.55%	14.55%
GNA_2023_74	Chase 66/12 (D)	Wyle	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.50	MW	1.07	1.70	0.07	0.65	0.67	10.19%	16.19%	0.67%	6.19%	6.38%
GNA_2023_75	Chino 66/12 (D)	Palmetto	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	2.08	2.01	2.01	1.94	1.94	346.67%	335.00%	335.00%	323.33%	323.33%
GNA_2023_76	Chino 66/12 (D)	Bandag	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder		MVAR	1.26	1.20	1.20	1.20	1.20					
GNA_2023_77	Colonia 66/16 (D)	Arneill	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder		MVAR	0.52	0.52	0.52	0.52	0.52					
GNA_2023_78	Colonia 66/16 (D)	Beardsley	Capacity (UCT)	Demand Growth	6/1/2027	Distribution Feeder	14.30	MW	0.00	0.00	0.00	0.00	5.80	0.00%	0.00%	0.00%	0.00%	40.56%
GNA_2023_79	Colonia 66/16 (D)	Broome	Capacity (UCT)	Demand Growth	6/1/2027	Distribution Feeder	14.20	MW	0.00	0.00	0.00	0.00	1.80	0.00%	0.00%	0.00%	0.00%	12.24%
GNA_2023_80	Colton 66/12 (D)	Globe Mills	Capacity	Demand Growth	6/1/2025	Distribution Feeder		MW	0.33	0.30	0.28	0.30	0.48					
GNA_2023_81	Colton 66/12 (D)	Preston	Capacity	Demand Growth	6/1/2025	Distribution Feeder	12.00	MW	0.00	0.00	0.02	0.13	0.43	0.00%	0.00%	0.17%	1.08%	3.58%
GNA_2023_82	Colton 66/12 (D)	Preston	Voltage	Demand Growth	6/1/2023	Distribution Feeder	1.00	Vpu	0.89	0.88	0.94	0.93	0.93	89.00%	88.00%	94.00%	93.00%	93.00%
GNA_2023_83	Concho 115/12 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	72.10	MW	0.00	0.00	9.49	16.69	17.19	0.00%	0.00%	13.16%	23.15%	23.84%
GNA_2023_84	Concho 115/12 (D)	Pistola	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	11.57	MW	0.00	0.00	9.24	16.41	16.85	0.00%	0.00%	78.11%	138.72%	142.80%
GNA_2023_85	Concho 115/12 (D)	Taberna	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.72	MW	0.00	0.93	1.33	1.59	1.57	0.00%	7.75%	11.08%	13.25%	13.08%
GNA_2023_86	Corona 66/12 (D)	Bollero	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	9.43	MW	1.07	1.04	1.02	1.83	1.83	11.35%	11.03%	10.82%	19.34%	19.34%
GNA_2023_87	Corona 66/12 (D)	Glacier	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder		MW	1.57	1.52	1.48	1.43	1.41					
GNA_2023_88	Corona 66/12 (D)	Kingsford	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder		MW	0.20	0.17	0.13	1.72	1.70					
GNA_2023_89	Corona 66/12 (D)	Serfas	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder		MW	1.17	1.15	1.11	1.04	1.02					
GNA_2023_90	Corona 66/12 (D)	Vicentia	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder		MW	2.17	2.11	2.07	2.04	2.00					
GNA_2023_91	Corona 66/33 (D)	Cupples	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder		MVAR	1.02	1.17	1.24	1.57	1.94					
GNA_2023_92	Corona 66/33 (D)	Porphyry	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder		MVAR	3.13	3.13	3.13	3.13	3.13					
GNA_2023_93	Cortez 66/12 (D)	Barbossa	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	3.69	3.69	3.69	3.61	3.61	615.00%	615.00%	615.00%	601.67%	601.67%
GNA_2023_94	Crown 66/12 (D)	Coastal	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.15	MW	0.20	0.48	0.63	0.57	0.63	2.35%	5.81%	7.73%	6.90%	7.63%
GNA_2023_95	Crown 66/12 (D)	Gunther	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.70	MW	2.87	2.43	2.24	2.33	2.48	32.99%	26.62%	23.96%	25.11%	27.16%
GNA_2023_96	Crown 66/12 (D)	Kewamee	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.70	MW	1.76	1.54	1.72	1.80	1.74	20.23%	17.11%	19.30%	20.20%	19.33%
GNA_2023_97	Crown 66/12 (D)	Rutgers	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	7.39	MW	0.00	0.00	0.00	0.00	0.33	0.00%	0.00%	0.00%	0.00%	3.73%
GNA_2023_98	Cucamonga 66/12 (D)	Mears	Capacity (UCT)	Demand Growth	5/1/2025	Distribution Feeder	10.80	MW	4.30	5.30	5.30	5.30	5.30	39.81%	49.07%	49.07%	49.07%	49.07%
GNA_2023_99	Dalton 66/12 (D)	Bender	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	0.57	0.57	0.57	0.01	0.01	95.00%	95.00%	95.00%	1.67%	1.67%
GNA_2023_100	Declez 66/12 (D)	Tractor	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	0.81	0.81	0.73	0.73	0.65	135.00%	135.00%	121.67%	121.67%	108.33%
GNA_2023_101	Del Rosa 66/12 (D)	Carpenter	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder		MVAR	0.18	0.18	0.13	0.13	0.09					
GNA_2023_102	Delano 66/12 (D)	C B S	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder		MW	0.00	0.65	0.65	0.65	0.65					
GNA_2023_103	Delano 66/12 (D)	Osner	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.46	MW	0.00	0.20	0.17	0.15	0.11	0.00%	2.02%	1.72%	1.51%	1.11%
GNA_2023_104	Delano 66/12 (D)	Valente	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder		MW	0.00	0.11	2.89	2.85	2.80					
GNA_2023_105	Downey 12/4.16 (D)	Avon	Capacity	Demand Growth	6/1/2025	Distribution Feeder	2.40	MW	0.00	0.00	0.10	0.20	0.20	0.00%	0.00%	4.17%	8.33%	8.33%
GNA_2023_106	Downs 115/12 (D)	Rocket Town	Capacity	Demand Growth	6/1/2023	Distribution Feeder		MW	0.91	0.91	0.89	0.89	0.89					
GNA_2023_107	Edwards 115/33 (D)	null	Voltage	Demand Growth	6/1/2024	Distribution Substation	1.00	Vpu	0.93	0.87	0.87	0.87	0.87	92.52%	87.39%	87.39%	87.39%	87.39%
GNA_2023_108	Edwards-Holgate-Southbase 115 kV	null	Capacity	Demand Growth	6/1/2024	Subtransmission Line	80.00	MW	0.00	42.00	29.00	29.00	27.80	0.00%	52.50%	36.25%	36.25%	34.75%
GNA_2023_109	Eisenhower 115/33 (D)	null	Reliability, Voltage	Demand Growth	6/1/2023	Distribution Substation	1.00	Vpu	0.96	0.96	0.96	0.96	0.95	96.20%	96.00%	95.80%	95.50%	95.30%
GNA_2023_110	El Casco 115/12 (D)	Honeycrisp	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	7.35	MW	4.59	4.61	4.61	0.02	0.52	62.28%	62.72%	62.72%	0.17%	4.33%
GNA_2023_111	El Casco 115/12 (D)	Jonagold	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.48	MW	0.51	3.40	4.63	0.48	0.48	4.25%	28.33%	38.58%	4.18%	4.18%
GNA_2023_112	Elizabeth Lake - Pitchgen 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2027	Subtransmission Line	83.00	MW	0.00	0.00	0.00	0.00	0.70	0.00%	0.00%	0.00%	0.00%	0.84%
GNA_2023_113	Elsinore 115/12 (D)	Collier	Capacity	Demand Growth	8/1/2023	Distribution Feeder	11.96	MW	0.41	0.70	0.78	1.00	1.76	3.43%	5.85%	6.52%	8.36%	14.72%
GNA_2023_114	Estrella 66/12 (D)	Horoscope	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.52	MW	1.35	1.39	1.43	1.41	1.43	14.18%	14.60%	15.02%	14.73%	14.94%
GNA_2023_115	Etiwanda 220/66 (S)	null	Reliability, Capacity	Demand Growth	6/30/2023	Subtrans. Substation	663.00	MW	0.00	3.40	16.60	25.50	30.60	0.00%	0.51%	2.50%	3.85%	4.62%
GNA_2023_116	Etiwanda 'E' 220/66 (S)	null	Reactive Power	Demand Growth	6/1/2024	Subtrans. Substation	14.40	MVAR	25.30	0.00	3.90	8.00	8.90	175.69%	0.00%	27.08%	55.56%	61.81%
GNA_2023_117	Etiwanda 'W' 220/66 (S)	null	Reliability, Capacity	Demand Growth	6/1/2024	Subtrans. Substation	137.00	MW	24.28	24.60	27.26	27.38	27.80	17.72%	17.96%	19.90%	19.99%	20.29%
GNA_2023_118	Euclid 12/4.16 (D)	Village	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.80	MW	0.10	0.10	0.10	0.10	0.00	3.57%	3.57%	3.57%	3.57%	0.00%
GNA_2023_119	Farrell 115/12 (D)	Alvera	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder		MW	0.11	1.20	1.20	1.20	1.09					
GNA_2023_120	Farrell 115/12 (D)	Date Palm	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder	9.33	MW	0.87	0.76	0.65	0.65	0.65	9.25%	8.15%	6.91%	6.91%	6.91%
GNA_2023_121	Farrell 115/12 (D)	Fey	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder	9.83	MW	1.30	1.30	1.30	1.20	1.20	13.14%	13.20%	13.22%	12.13%	12.16%
GNA_2023_122	Farrell 115/12 (D)	Garbo	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder	9.09	MW	1.30	0.98	0.87	0.87	0.76	14.30%	10.48%	9.23%	9.27%	8.03%
GNA_2023_123	Farrell 115/12 (D)	Skelton	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder	10.26	MW	0.33	0.22	0.22	0.22	0.22	3.22%	2.13%	2.14%	2.14%	2.14%
GNA_2023_124	Farrell 115/12 (D)	Tortuga	Capacity (UCT)	Demand Growth	9/30/2023	Distribution Feeder	9.35	MW	0.33	0.22	0.22	0.22	0.11	3.53%	2.29%	2.28%	2.29%	1.14%
GNA_2023_125	Farrell 115/12 (D)	Volturno	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.28	MW	0.00	0.00	0.11	1.93	3.40	0.00%	0.00%	0.92%	16.08%	28.33%
GNA_2023_126	Floraday 12/4.16 (D)	Gotham	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.93	MW	0.30	0.30	0.30	0.30	0.30	10.24%	10.24%	10.24%	10.24%	10.24%
GNA_2023_127	Floraday 12/4.16 (D)	Kenney	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.30	MW	1.70	1.70	1.70	1.70	1.70	130.77%	130.77%	130.77%	130.77%	130.77%
GNA_2023_128	Francis 66/12 (D)	Kadota	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	11.80	MW	0.00	0.00	0.00	1.50	1.65	0.00%	0.00%	0.00%	12.50%	13.74%
GNA_2023_129	Francis 66/12 (D)	Marbuck	Capacity	Demand Growth	6/1/2026	Distribution Feeder	11.96	MW	0.63	1.39	1.63	1.91	2.44	5.27%	11.63%	13.63%	15.99%	20.36%
GNA_2023_130	Francis 66/12 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	103.87	MW	3.85	4.02	4.61	4.67	8.13	3.71%	3.87%	4.44%	4.50%	7.83%
GNA_2023_131	Fremont 16/4.16 (D)	Nestor	Capacity	Demand Growth	8/1/2023	Distribution Feeder	2.40	MW	0.20	0.20	0.20	0.30	0.30	8.33%	8.33%	8.33%	12.50%	12.50%
GNA_2023_132	Garnet 115/33 (D)	Coachella	Reliability, Capacity	Demand Growth	6/1/2026	Distribution Feeder		MW	7.40	9.20	9.00	8.80	8.80					
GNA_2023_133	Garnet 115/33 (D)	null	Capacity	Demand Growth	12/31/2023	Distribution Substation	205.20	MW	0.00	0.00	0.00	0.00	12.96	0.00%	0.00%	0.00%	0.00%	6.32%
GNA_2023_134	Garnet 115/33 (D)	Palmview	Capacity	Demand Growth	6/1/2026	Distribution Feeder		MW	0.00	0.00	0.00	19.82	22.02					
GNA_2023_135	Garnet 115/33 (D)	Palmview	Reliability, Capacity	Demand Growth	6/1/2026	Distribution Feeder		MW	0.00	0.00	0.00	25.50	16.70					
GNA_2023_136	Garnet 115/33 (D)	Townhall	Reliability, Capacity	Demand Growth	6/1/2026	Distribution Feeder		MW	1.40	10.10	9.80	9.70	9.60					
GNA_2023_137	Glen Avon 66/12 (D)	Anderson	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	10.83	MW	0.22	0.46	0.46	0.43	0.39	1.98%	4.25%	4.25%	3.97%	3.60%
GNA_2023_138	Glen Avon 66/12 (D)	Blackhills	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	9.87	MW	0.00	0.52	0.48	0.43	0.41	0.00%	4.74%	4.37%	3.92%	3.73%
GNA_2023_139	Glen Avon 66/12 (D)	Galena	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	10.83	MW	0.37	0.59	0.59	0.57	0.57	3.35%	5.45%	5.45%	5.26%	5.26%
GNA_2023_140	Goldtown 66/12 (D)	Carbon	Capacity	Demand Growth	6/1/2026	Distribution Feeder		MW	0.00	0.00	0.00	0.89	0.87					

GNA ID	Substation / Subtransmission Line	Circuit	Distribution Service Required	Primary Driver of Grid Need	Operating Date	Equipment			Deficiency (MW, MVAR, or Vpu)[1]					Deficiency (%)[1]				
						Element	Rating	Units	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_141	Goldtown 66/12 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	24.45	MW	0.00	0.00	6.78	11.48	15.26	0.00%	0.00%	27.73%	46.95%	62.41%
GNA_2023_142	Hanford 66/12 (D)	Iona	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.20	MW	0.11	0.65	0.87	0.98	0.98	0.98%	5.80%	7.77%	8.75%	8.75%
GNA_2023_143	Haskell 66/16 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	131.02	MW	0.00	0.00	10.68	11.18	11.58	0.00%	0.00%	8.15%	8.53%	8.84%
GNA_2023_144	Icegen - Jersey - Nola 66 kV	null	Reliability, Capacity	Demand Growth	12/1/2023	Subtransmission Line	65.00	MW	3.00	3.00	5.00	5.00	5.00	4.62%	4.62%	7.69%	7.69%	7.69%
GNA_2023_145	Imperial 66/12 (D)	Luxor	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	7.35	MW	3.55	3.55	2.58	2.43	2.55	48.30%	48.30%	34.31%	31.68%	33.33%
GNA_2023_146	Irvine 66/12 (D)	Cadence	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	8.46	MW	0.00	0.00	0.11	0.46	0.50	0.00%	0.00%	0.92%	3.85%	4.18%
GNA_2023_147	Irvine 66/12 (D)	Cromwell	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	1.92	1.64	1.67	1.67	1.67	319.93%	273.27%	277.51%	277.51%	277.51%
GNA_2023_148	Isabella 66/12 (D)	null	Reliability, Voltage	Demand Growth	12/31/2024	Distribution Substation	1.00	Vpu	0.94	0.94	0.94	0.94	0.94	94.00%	94.00%	94.00%	94.00%	94.00%
GNA_2023_149	Ivyglen 115/12 (D)	Conestoga	Capacity	Demand Growth	6/1/2026	Distribution Feeder	11.96	MW	0.00	0.00	0.00	11.17	11.15	0.00%	0.00%	0.00%	93.39%	93.23%
GNA_2023_150	Kimball 66/12 (D)	Fortress	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	10.98	MW	1.61	1.22	1.22	1.24	1.35	14.55%	11.05%	11.00%	11.21%	12.30%
GNA_2023_151	Kimball 66/12 (D)	Havoc	Capacity (UCT)	Demand Growth	1/1/2025	Distribution Feeder	[redacted]	MW	0.00	7.87	13.52	17.17	19.83	[redacted]				
GNA_2023_152	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	Demand Growth	1/1/2025	Distribution Feeder	8.35	MW	0.00	15.72	35.17	21.86	23.36	0.00%	135.17%	371.78%	231.08%	246.93%
GNA_2023_153	Kimball 66/12 (D)	Phantom	Capacity (UCT)	Demand Growth	1/1/2025	Distribution Feeder	7.13	MW	0.00	0.00	2.61	3.17	3.17	0.00%	0.00%	36.61%	44.46%	44.46%
GNA_2023_154	Kimball 66/12 (D)	Warhawk	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	10.44	MW	1.61	1.63	1.65	1.30	2.02	15.43%	15.62%	15.81%	12.46%	18.66%
GNA_2023_155	La Cienega - El Nido - Tahiti 66 kV	null	Capacity	Demand Growth	6/1/2026	Subtransmission Line	57.00	MW	0.00	0.00	0.00	1.40	4.10	0.00%	0.00%	0.00%	2.46%	7.19%
GNA_2023_156	La Habra 66/12 (D)	Bride	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	1.36	1.63	1.72	1.72	1.63	[redacted]				
GNA_2023_157	Lakewood 66/4.16 (D)	Ebell	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.80	MW	0.41	0.44	0.46	0.46	0.46	14.64%	15.71%	16.43%	16.43%	16.43%
GNA_2023_158	Lancaster 66/12 (D)	Kingtree	Capacity	Demand Growth	5/26/2023	Distribution Feeder	11.96	MW	0.39	0.39	0.37	0.35	0.33	3.26%	3.26%	3.09%	2.93%	2.76%
GNA_2023_159	Lancaster 66/12 (D)	Kingtree	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.28	MW	1.80	1.85	2.02	2.00	1.96	15.56%	16.09%	17.91%	17.73%	17.30%
GNA_2023_160	Limestone 66/12 (D)	Iron	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	2.68	2.61	2.61	2.61	2.61	446.67%	435.00%	435.00%	435.00%	435.00%
GNA_2023_161	Limestone 66/12 (D)	Arsenic	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.91	2.30	2.74	2.93	2.78	[redacted]				
GNA_2023_162	Limestone 66/12 (D)	Calcium	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	8.09	MW	0.00	0.00	0.07	0.07	0.04	0.00%	0.00%	0.87%	0.87%	0.49%
GNA_2023_163	Limestone 66/12 (D)	Graphite	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.70	1.20	1.15	1.78	1.72	[redacted]				
GNA_2023_164	Limestone 66/12 (D)	Lead	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	6.76	MW	0.00	0.00	0.85	1.13	1.11	0.00%	0.00%	11.17%	14.85%	14.59%
GNA_2023_165	Limestone 66/12 (D)	Obsidian	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.00	0.00	0.41	0.83	0.80	[redacted]				
GNA_2023_166	Limestone 66/12 (D)	Silver	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.00	0.74	0.87	0.93	0.91	[redacted]				
GNA_2023_167	Limestone 66/12 (D)	Slate	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	8.37	MW	0.00	2.07	3.41	4.78	5.61	0.00%	24.41%	40.74%	57.11%	67.03%
GNA_2023_168	Linden 12/4.16 (D)	Boulevard	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.23	MVAR	0.51	0.51	0.51	0.51	0.51	226.67%	226.67%	226.67%	226.67%	226.67%
GNA_2023_169	Linden 12/4.16 (D)	Boulevard	Voltage	Demand Growth	8/31/2024	Distribution Feeder	1.00	Vpu	0.93	0.95	0.95	0.95	0.95	93.00%	95.00%	95.00%	95.00%	95.00%
GNA_2023_170	Linden 12/4.16 (D)	Hardwick	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.23	MVAR	1.00	1.00	1.00	1.00	1.00	444.44%	444.44%	444.44%	444.44%	444.44%
GNA_2023_171	Linden 12/4.16 (D)	Hardwick	Voltage	Demand Growth	8/31/2024	Distribution Feeder	1.00	Vpu	0.91	0.93	0.94	0.96	0.96	91.00%	93.00%	94.00%	96.00%	96.00%
GNA_2023_172	Linden 12/4.16 (D)	Boulevard	Capacity	Demand Growth	12/31/2023	Distribution Feeder	1.60	MW	0.10	0.10	0.10	0.10	0.10	6.25%	6.25%	6.25%	6.25%	6.25%
GNA_2023_173	Linden 12/4.16 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	4.58	MW	1.82	1.92	1.42	1.42	1.42	39.74%	41.92%	31.00%	31.00%	31.00%
GNA_2023_174	Little Rock 66/12 (D)	Tierra Bonita	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	0.11	0.11	0.11	0.11	0.11	[redacted]				
GNA_2023_175	Little Rock 66/12 (D)	Sun Village	Capacity	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	1.57	2.28	2.37	2.30	2.24	[redacted]				
GNA_2023_176	Lockheed 66/16 (D)	Electra	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	15.70	MW	3.10	0.40	0.00	0.00	0.00	19.75%	2.55%	0.00%	0.00%	0.00%
GNA_2023_177	Lockheed 66/16 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	72.50	MW	0.00	0.00	0.00	0.00	0.45	0.00%	0.00%	0.00%	0.00%	0.62%
GNA_2023_178	Lockheed 66/16 (D)	Orion	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	14.29	MW	3.00	3.00	1.50	0.00	0.00	20.99%	20.99%	10.50%	0.00%	0.00%
GNA_2023_179	Lockheed 66/16 (D)	Starfighter	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	16.20	MW	0.00	0.00	0.40	1.40	2.10	0.00%	0.00%	2.47%	8.64%	12.96%
GNA_2023_180	Longdon 16/4.16 (D)	Charity	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.23	MVAR	0.18	0.18	0.18	0.18	0.18	80.00%	80.00%	80.00%	80.00%	80.00%
GNA_2023_181	Longdon 16/4.16 (D)	Charity	Voltage	Demand Growth	8/31/2024	Distribution Feeder	1.00	Vpu	0.90	0.93	0.96	0.96	0.96	90.00%	93.00%	96.00%	96.00%	96.00%
GNA_2023_182	Los Cerritos 12/4.16 (D)	null	Capacity	Demand Growth	6/1/2024	Distribution Substation	7.44	MW	1.79	1.86	1.92	1.98	2.05	24.06%	25.00%	25.81%	26.61%	27.55%
GNA_2023_183	Los Cerritos 66/12 (D)	Halter	Capacity	Demand Growth	6/1/2024	Distribution Feeder	11.20	MW	1.30	1.50	1.50	1.50	1.40	11.61%	13.39%	13.39%	13.39%	12.50%
GNA_2023_184	Lynwood 16/4.16 (D)	Lyndora	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.80	MW	0.40	0.40	0.40	0.40	0.40	22.22%	22.22%	22.22%	22.22%	22.22%
GNA_2023_185	Madrid 16/4.16 (D)	Llewellyn	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.98	MW	0.05	0.12	0.16	0.19	0.21	2.52%	6.05%	8.07%	9.58%	10.59%
GNA_2023_186	Mckevett P.T. 16/4.16 (A)	Mckevett	Capacity	Demand Growth	6/1/2024	Distribution Feeder	0.80	MW	0.10	0.10	0.10	0.10	0.10	12.50%	12.50%	12.50%	12.50%	12.50%
GNA_2023_187	Milliken 66/12 (D)	Bacardi	Capacity (UCT)	Demand Growth	11/30/2023	Distribution Feeder	9.67	MW	1.43	1.39	1.33	1.28	1.43	14.62%	14.21%	13.57%	13.06%	14.79%
GNA_2023_188	Milliken 66/12 (D)	Redlabel	Capacity (UCT)	Demand Growth	11/30/2023	Distribution Feeder	[redacted]	MW	2.37	2.30	2.20	2.11	2.20	[redacted]				
GNA_2023_189	Mira Loma 220/66 (S)	null	Reactive Power	Demand Growth	6/1/2025	Subtrans. Substation	14.40	MVAR	0.00	0.00	2.90	18.40	22.90	0.00%	0.00%	20.14%	127.78%	159.03%
GNA_2023_190	Mira Loma 66/12 (D)	Matterhorn	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	0.42	0.42	0.76	0.76	0.00	[redacted]				
GNA_2023_191	Mira Loma 66/12 (D)	Matterhorn	Capacity (UCT)	Demand Growth	6/1/2027	Distribution Feeder	[redacted]	MW	0.00	0.00	0.00	0.00	1.20	[redacted]				
GNA_2023_192	Mira Loma 66/12 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	72.78	MW	0.00	3.72	14.33	30.26	35.09	0.00%	5.11%	19.69%	41.58%	48.21%
GNA_2023_193	Mira Loma 66/12 (D)	Brewer	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	2.24	2.24	3.11	3.11	3.07	[redacted]				
GNA_2023_195	Mira Loma-Archibald 66kV	null	Reliability, Capacity	Demand Growth	6/1/2025	Subtransmission Line	168.00	MW	0.00	0.00	8.00	32.00	31.00	0.00%	0.00%	4.76%	19.05%	18.45%
GNA_2023_194	Mira Loma-Archibald-Bain-Metalcan 66kV	null	Reliability, Capacity	Demand Growth	6/1/2025	Subtransmission Line	168.00	MW	8.00	11.00	16.00	27.00	27.00	4.76%	6.55%	9.52%	16.07%	16.07%
GNA_2023_196	Mira Loma-Corona 66kV	null	Capacity	Demand Growth	6/1/2026	Subtransmission Line	125.00	MW	0.00	0.00	0.00	3.00	4.00	0.00%	0.00%	0.00%	2.40%	3.20%
GNA_2023_197	Modena 66/12 (D)	Korea	Capacity (UCT)	Demand Growth	5/1/2027	Distribution Feeder	9.00	MW	0.00	0.00	0.00	0.00	0.43	0.00%	0.00%	0.00%	0.00%	4.78%
GNA_2023_198	Modena 66/12 (D)	Siam	Capacity (UCT)	Demand Growth	5/1/2027	Distribution Feeder	9.10	MW	0.00	0.00	0.00	0.00	0.43	0.00%	0.00%	0.00%	0.00%	4.76%
GNA_2023_199	Modena 66/12 (D)	Taiwan	Capacity (UCT)	Demand Growth	5/1/2027	Distribution Feeder	5.20	MW	0.00	0.00	0.00	0.00	1.91	0.00%	0.00%	0.00%	0.00%	19.69%
GNA_2023_200	Moulton 66/12 (D)	Terrier	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	0.34	0.42	0.42	0.45	0.45	56.67%	70.00%	70.00%	75.00%	75.00%
GNA_2023_201	Naomi 16/4.16 (D)	Clemont	Capacity	Demand Growth	6/1/2025	Distribution Feeder	1.80	MW	0.10	0.10	0.10	0.10	0.10	5.56%	5.56%	5.56%	5.56%	5.56%
GNA_2023_202	Naomi 16/4.16 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	6.10	MW	0.10	0.10	0.50	0.50	0.50	1.64%	1.64%	8.20%	8.20%	8.20%
GNA_2023_203	Narrows 66/12 (D)	Ballard	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	0.53	0.49	0.49	0.49	0.49	88.33%	81.67%	81.67%	81.67%	81.67%
GNA_2023_204	Narrows 66/12 (D)	Ballard	Capacity	Demand Growth	6/1/2025	Distribution Feeder	9.35	MW	1.83	7.80	1.73	1.74	1.70	19.57%	83.42%	18.50%	18.61%	18.18%
GNA_2023_205	Narrows 66/12 (D)	Torpedo	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	11.28	MW	0.20	0.17	0.22	0.24	0.26	1.77%	1.50%	1.95%	2.13%	2.30%
GNA_2023_206	Neenach 66/12 (D)	null	Reliability, Voltage	Demand Growth	12/31/2024	Distribution Substation	1.00	Vpu	0.92	0.92	0.92	0.92	0.92	92.00%	92.00%	92.00%	92.00%	92.00%
GNA_2023_207	Newbury 66/16 (D)	Intrepid	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.90	MVAR	2.35	2.35	2.35	2.41	2.41	261.11%	261.11%	261.11%	267.78%	267.78%
GNA_2023_208	Newcomb 115/12 (D)	Bradley	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	10.43	MW	0.98	2.04	2.37	2.78	3.85	9.11%	19.35%	22.49%	26.38%	36.91%
GNA_2023_209	Newcomb 115/12 (D)	Harnage	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.96	MW	2.39	2.63	2.78	2.98	3.00	19.98%	21.99%	23.24%	24.92%	25.08%
GNA_2023_210	Newcomb 115/12 (D)	Lusk	Capacity	Demand Growth	6/1/2023	Distribution Feeder	11.96	MW	1.87	2.20	2.28	2.33	2.30	15.64%	18.39%	19.06%	19.48%	19.23%

GNA ID	Substation / Subtransmission Line	Circuit	Distribution Service Required	Primary Driver of Grid Need	Operating Date	Equipment			Deficiency (MW, MVAR, or Vpu)[1]					Deficiency (%)[1]				
						Element	Rating	Units	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_211	Newcomb 115/12 (D)	Piedra	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	[redacted]	MW	0.26	0.24	0.22	0.24	0.20	[redacted]				
GNA_2023_212	North Oaks 66/16 (D)	Cottonmouth	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	14.10	MW	1.00	1.00	1.10	1.10	1.10	7.09%	6.94%	7.64%	7.64%	7.64%
GNA_2023_213	North Oaks 66/16 (D)	Moccasin	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.90	MW	1.00	0.60	0.60	0.70	0.70	8.40%	4.84%	4.84%	5.65%	5.65%
GNA_2023_214	North Oaks 66/16 (D)	Copperhead	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	0.29	0.29	0.29	0.29	0.29	48.15%	48.15%	48.15%	48.15%	48.15%
GNA_2023_215	Oak Grove 66/12 (D)	Clancy	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	9.60	MW	1.41	1.52	1.41	1.41	1.41	14.69%	15.83%	14.24%	14.24%	14.24%
GNA_2023_216	Oak Grove 66/12 (D)	Monson	Capacity (UCT)	Demand Growth	10/1/2024	Distribution Feeder	[redacted]	MW	0.00	0.11	0.33	0.33	0.54	[redacted]				
GNA_2023_217	Oak Grove 66/12 (D)	Webb	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	[redacted]	MW	0.32	0.32	0.00	0.00	0.00	[redacted]				
GNA_2023_218	Oasis 66/12 (D)	Farms	Capacity	Demand Growth	6/1/2023	Distribution Feeder	10.56	MW	1.20	1.10	1.10	1.10	1.00	11.36%	10.42%	10.42%	10.42%	9.47%
GNA_2023_219	Oasis 66/12 (D)	Heights	Capacity	Demand Growth	6/1/2023	Distribution Feeder	11.40	MW	0.50	0.50	0.50	0.50	0.50	4.39%	4.39%	4.39%	4.39%	4.39%
GNA_2023_220	Oasis 66/12 (D)	null	Reliability, Capacity	Demand Growth	6/1/2024	Distribution Substation	108.60	MW	0.00	0.00	11.21	11.34	11.53	0.00%	0.00%	10.32%	10.44%	10.62%
GNA_2023_221	Oasis 66/12 (D)	Stealth	Capacity	Demand Growth	12/31/2023	Distribution Feeder	11.96	MW	0.78	0.70	0.63	0.59	0.52	6.52%	5.85%	5.27%	4.93%	4.35%
GNA_2023_222	Oasis 66/12 (D)	Stealth	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	11.96	MW	0.60	0.80	0.80	7.40	0.80	5.02%	6.69%	6.69%	61.87%	6.69%
GNA_2023_223	Oldfield 12/4.16 (D)	Market	Capacity	Demand Growth	6/1/2023	Distribution Feeder	2.93	MW	0.70	0.70	0.10	0.10	0.30	23.89%	23.89%	3.41%	3.41%	10.24%
GNA_2023_224	Ordway 33/12 (D)	Judy	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	3.08	3.17	3.17	3.08	3.08	[redacted]				
GNA_2023_225	Ordway 33/12 (D)	Judy	Voltage	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	Vpu	0.95	0.95	0.95	0.95	0.95	[redacted]				
GNA_2023_226	Padua-San Antonio 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2024	Subtransmission Line	137.00	MW	0.00	138.90	138.30	138.50	139.30	0.00%	101.39%	100.95%	101.09%	101.68%
GNA_2023_227	Palmdale 66/12 (D)	Sims	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	1.38	1.32	1.26	1.20	1.14	[redacted]				
GNA_2023_228	Palmdale 66/12 (D)	Ledford	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.48	MW	0.48	0.48	0.41	0.41	0.41	4.18%	4.18%	3.57%	3.57%	3.57%
GNA_2023_229	Palmdale 66/12 (D)	Mark	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	10.85	MW	1.82	2.28	2.80	3.62	4.44	16.77%	20.69%	25.41%	32.85%	40.36%
GNA_2023_230	Palmdale 66/12 (D)	Paint	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	11.96	MW	1.40	1.40	1.30	1.30	1.30	11.71%	11.71%	10.87%	10.87%	10.87%
GNA_2023_231	Parkwood 66/12 (D)	Carob	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	2.61	2.53	2.53	2.53	2.53	435.00%	421.67%	421.67%	421.67%	421.67%
GNA_2023_232	Parkwood 66/12 (D)	Gum	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	2.21	2.21	2.21	2.21	2.21	368.33%	368.33%	368.33%	368.33%	368.33%
GNA_2023_233	Parkwood 66/12 (D)	Peabush	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	0.56	0.56	0.56	0.56	0.52	[redacted]				
GNA_2023_234	Passons 66/12 (D)	Alburtis	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	8.12	MW	0.08	0.13	0.13	0.13	0.13	0.99%	1.34%	1.34%	1.34%	1.34%
GNA_2023_235	Passons 66/12 (D)	Millergrove	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.74	MW	0.13	0.46	0.44	0.44	0.64	1.29%	4.72%	4.51%	4.51%	6.56%
GNA_2023_236	Passons 66/12 (D)	Terradell	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.72	MW	0.63	0.98	0.98	0.98	0.98	6.26%	10.08%	10.08%	10.08%	10.08%
GNA_2023_237	Pedley 66/12 (D)	Quarry	Capacity	Demand Growth	2/1/2024	Distribution Feeder	8.70	MW	1.33	1.37	1.37	1.39	1.41	15.29%	15.75%	15.75%	15.98%	16.21%
GNA_2023_238	Pepper 115/12 (D)	Lancers	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.87	MW	0.11	0.17	0.17	0.17	0.17	1.11%	1.72%	1.72%	1.72%	1.72%
GNA_2023_239	Pepper 115/12 (D)	Mateus	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.54	MW	0.00	0.57	0.52	0.50	0.48	0.00%	5.85%	5.34%	5.13%	4.93%
GNA_2023_240	Pepper 115/12 (D)	Zinfandel	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	9.96	MW	0.76	0.89	0.91	0.87	0.85	7.60%	8.94%	9.14%	8.72%	8.52%
GNA_2023_241	Phelan 115/12 (D)	Dealer	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	8.52	MW	1.00	0.91	0.85	0.76	0.72	11.74%	10.66%	9.95%	8.90%	8.43%
GNA_2023_242	Phelan 115/12 (D)	Lotto	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.09	MW	1.30	1.26	1.17	1.13	1.15	15.57%	15.09%	13.98%	13.50%	13.74%
GNA_2023_243	Pico 66/12 (D)	Admiral	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	0.82	1.30	1.53	1.56	1.53	[redacted]				
GNA_2023_244	Pico 66/12 (D)	Ahoy	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	0.45	0.45	0.45	0.54	0.54	[redacted]				
GNA_2023_245	Pico 66/12 (D)	Bow	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.90	MVAR	1.12	1.12	1.12	1.12	1.07	124.44%	124.44%	124.44%	124.44%	118.89%
GNA_2023_246	Proctor 66/12 (D)	Pandora	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	4.40	4.40	4.40	4.40	4.40	[redacted]				
GNA_2023_247	Puente 66/12 (D)	Valinda	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	3.33	3.33	3.33	3.25	3.25	[redacted]				
GNA_2023_248	Quartz Hill 66/12 (D)	null	Capacity	Demand Growth	6/1/2024	Distribution Substation	65.17	MW	13.39	13.39	13.39	13.39	13.39	20.55%	20.55%	20.55%	20.55%	20.55%
GNA_2023_249	Quartz Hill 66/12 (D)	null	Reliability, Capacity	Demand Growth	6/1/2025	Distribution Substation	141.75	MW	0.00	0.00	13.43	13.42	13.72	0.00%	0.00%	9.47%	9.47%	9.68%
GNA_2023_250	Quinn 66/12 (D)	null	Reliability, Voltage	Demand Growth	6/1/2023	Distribution Substation	1.00	Vpu	0.94	0.94	0.94	0.94	0.94	94.00%	94.00%	94.00%	94.00%	94.00%
GNA_2023_251	Railroad 66/12 (D)	Handcar	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	1.05	1.00	1.00	1.00	0.94	175.00%	166.67%	166.67%	166.67%	156.67%
GNA_2023_252	Rancho 33/12 (D)	Knolls	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	8.93	MW	0.65	0.65	0.67	0.65	0.61	7.28%	7.28%	7.50%	7.25%	6.79%
GNA_2023_253	Rancho 33/12 (D)	Marianna	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	8.93	MW	0.65	0.65	0.67	0.70	0.72	6.36%	6.31%	6.50%	6.80%	6.99%
GNA_2023_254	Rancho 33/12 (D)	Standing Rock	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	8.93	MW	0.02	0.07	0.04	0.02	0.02	0.21%	0.75%	0.43%	0.21%	0.21%
GNA_2023_255	Rancho 33/12 (D)	Yucca Loma	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	8.93	MW	1.30	1.39	1.43	1.46	1.50	15.13%	16.18%	16.65%	17.00%	17.46%
GNA_2023_256	Rancho 33/12 (D)	Symeron	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	8.93	MW	1.61	1.63	1.61	1.59	1.54	18.99%	19.27%	19.03%	18.79%	18.20%
GNA_2023_257	Randall 66/12 (D)	Wahlstrom	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	0.79	0.79	0.75	0.75	0.75	131.67%	131.67%	125.00%	125.00%	125.00%
GNA_2023_258	Randsburg 115/33 (D)	Heavy	Voltage	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	Vpu	0.92	0.92	0.92	0.98	0.98	[redacted]				
GNA_2023_259	Randsburg 115/33 (D)	null	Capacity	Demand Growth	12/31/2023	Distribution Substation	18.47	MW	10.52	10.52	55.53	81.41	81.41	56.96%	56.96%	300.65%	440.77%	440.77%
GNA_2023_261	Rector - Riverway 66kV	null	Reliability, Capacity	Demand Growth	6/1/2028	Subtransmission Line		MW	15.75	18.15	15.75	16.25	17.15	11.11%	12.80%	11.11%	11.46%	12.10%
GNA_2023_260	Rector 66/12 (D)	Gordon	Capacity	Demand Growth	12/31/2024	Distribution Feeder	11.96	MW	0.20	0.20	0.21	0.22	0.23	1.67%	1.67%	1.76%	1.84%	1.92%
GNA_2023_262	Redlands 66/4.16 (D)	Hastings	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.23	MVAR	0.56	0.49	0.49	0.49	0.49	248.89%	217.78%	217.78%	217.78%	217.78%
GNA_2023_263	Repetto 66/16 (D)	Hammell	Capacity	Demand Growth	5/1/2024	Distribution Feeder	14.29	MW	0.79	0.79	0.76	0.76	0.74	5.53%	5.53%	5.32%	5.32%	5.18%
GNA_2023_264	Repetto 66/16 (D)	null	Capacity	Demand Growth	6/1/2025	Distribution Substation	94.08	MW	1.50	1.87	1.78	1.67	1.54	1.59%	1.99%	1.89%	1.78%	1.64%
GNA_2023_265	Repetto 66/16 (D)	Soledad	Capacity	Demand Growth	6/1/2025	Distribution Feeder	16.18	MW	1.74	1.74	1.74	1.71	1.71	10.75%	10.75%	10.75%	10.57%	10.57%
GNA_2023_266	Repetto 66/16 (D)	Soledad	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	15.38	MW	2.41	2.53	1.00	0.97	0.97	15.55%	16.45%	6.50%	6.31%	6.31%
GNA_2023_267	Rio Hondo 220/66 (S)	null	Capacity	Demand Growth	6/1/2025	Subtrans. Substation	84.00	MW	0.00	0.20	0.60	0.70	0.70	0.00%	0.24%	0.71%	0.83%	0.83%
GNA_2023_268	Rio Hondo 220/66 (S)	null	Reactive Power	Demand Growth	6/1/2026	Subtrans. Substation	14.40	MVAR	0.00	0.00	0.00	20.40	22.40	0.00%	0.00%	0.00%	141.67%	155.56%
GNA_2023_269	Rio Hondo 66/12 (D)	Thames	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	1.78	1.78	1.78	1.78	1.78	296.67%	296.67%	296.67%	296.67%	296.67%
GNA_2023_270	Rio Hondo 66/12 (D)	Euphrates	Capacity (UCT)	Demand Growth	3/1/2024	Distribution Feeder	9.41	MW	2.13	2.11	2.09	2.09	2.07	22.63%	22.42%	22.20%	22.20%	21.99%
GNA_2023_271	Rio Hondo 66/12 (D)	Nile	Capacity (UCT)	Demand Growth	3/1/2024	Distribution Feeder	9.63	MW	0.61	0.61	0.61	0.61	0.59	6.33%	6.33%	6.33%	6.33%	6.13%
GNA_2023_272	Rio Hondo 66/12 (D)	Rhine	Capacity (UCT)	Demand Growth	3/1/2024	Distribution Feeder	[redacted]	MW	1.09	1.04	0.98	0.91	0.85	[redacted]				
GNA_2023_273	Rio Hondo 66/12 (D)	Tigris	Capacity (UCT)	Demand Growth	3/1/2024	Distribution Feeder	[redacted]	MW	2.24	0.02	0.00	0.15	1.02	[redacted]				
GNA_2023_274	Riverway 66/12 (D)	Klamath	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	[redacted]	MW	0.00	0.30	1.30	1.33	1.38	[redacted]				
GNA_2023_275	Roadway 115/12 (D)	Cummins	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	[redacted]	MW	0.00	0.15	0.24	0.00	0.00	[redacted]				
GNA_2023_276	Roadway 115/12 (D)	Cummins	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	0.07	1.71	1.71	1.71	1.71	[redacted]				
GNA_2023_277	Roadway 115/12 (D)	Kingpin	Capacity	Demand Growth	6/1/2023	Distribution Feeder	[redacted]	MW	1.63	3.06	3.00	2.93	2.87	[redacted]				
GNA_2023_278	Roadway 115/12 (D)	Pegaso	Capacity (UCT)	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.00	2.54	6.61	7.61	7.59	[redacted]				
GNA_2023_279	Roadway 115/12 (D)	Renault	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	[redacted]	MW	0.00	0.39	0.39	0.39	0.39	[redacted]				
GNA_2023_280	Roadway 115/12 (D)	Peterbilt	Capacity	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	0.00	0.00	2.80	2.72	2.63	[redacted]				

	Substation /		Distribution	Primary Driver of		Equipment			Deficiency (MW, MVAR, or Vpu)[1]					Deficiency (%)[1]				
GNA ID	Subtransmission Line	Circuit	Service Required	Grid Need	Operating Date	Element	Rating	Units	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_281	Rolling Hills 66/4.16 (D)	Azalia	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.85	MW	0.00	0.02	0.05	0.08	0.11	0.00%	1.08%	2.70%	4.32%	5.93%
GNA_2023_282	Rosamond 66/12 (D)	Skip	Voltage	Demand Growth	6/1/2023	Distribution Feeder	1.00	Vpu	0.85	0.85	0.85	0.85	0.85	85.00%	85.00%	85.00%	85.00%	85.00%
GNA_2023_283	Rosemead 66/16 (D)	Bilton	Capacity	Demand Growth	6/1/2024	Distribution Feeder	11.90	MW	0.53	0.59	0.62	0.71	1.03	4.45%	4.96%	5.21%	5.97%	8.66%
GNA_2023_284	Rush 66/16 (D)	Brookline	Capacity (UCT)	Demand Growth	12/1/2023	Distribution Feeder	12.03	MW	2.06	4.00	3.88	3.79	3.68	17.12%	32.68%	31.65%	30.84%	29.87%
GNA_2023_285	Rush 66/16 (D)	Change	Capacity (UCT)	Demand Growth	12/1/2023	Distribution Feeder	[redacted]	MW	2.35	2.94	2.85	2.35	2.35	[redacted]				
GNA_2023_286	Rush 66/16 (D)	Tamora	Capacity (UCT)	Demand Growth	12/1/2023	Distribution Feeder	11.41	MW	0.41	0.59	0.59	1.18	1.18	3.33%	4.87%	4.88%	10.31%	10.34%
GNA_2023_287	San Gabriel 66/4.16 (D)	La Presa	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.23	MVAR	0.13	0.13	0.13	0.13	0.16	57.78%	57.78%	57.78%	57.78%	71.11%
GNA_2023_288	Santa Barbara 66/4.16 (D)	Gutierrez	Capacity	Demand Growth	6/1/2024	Distribution Feeder	1.90	MW	0.30	0.30	0.40	0.40	0.40	15.79%	15.79%	21.05%	21.05%	21.05%
GNA_2023_289	Santa Clara - Colonia 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2026	Subtransmission Line	83.00	MW	0.00	0.00	0.00	5.00	10.00	0.00%	0.00%	0.00%	6.02%	12.05%
GNA_2023_290	Santa Clara 220/66 (S)	null	Reliability, Capacity	Demand Growth	6/1/2027	Subtrans. Substation	604.57	MW	0.00	0.00	0.00	0.00	19.43	0.00%	0.00%	0.00%	0.00%	3.21%
GNA_2023_291	Santa Fe Springs 66/12 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	97.37	MW	17.83	18.33	18.13	18.11	18.59	18.31%	18.83%	18.62%	18.60%	19.09%
GNA_2023_292	Santa Monica 66/16 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	72.02	MW	0.00	0.00	3.88	11.47	19.82	0.00%	0.00%	5.39%	15.93%	27.52%
GNA_2023_293	Santiago 66/12 (D)	Tolar	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.90	MVAR	1.69	2.13	2.08	2.08	2.02	187.78%	236.67%	231.11%	231.11%	224.44%
GNA_2023_294	Santiago 66/12 (D)	Krona	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	0.60	MVAR	1.47	1.49	1.49	1.49	1.49	244.55%	248.38%	248.38%	248.38%	248.38%
GNA_2023_295	Santiago 66/33 (D)	Pantani	Reliability, Capacity	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MW	7.70	9.30	11.70	14.80	16.20	[redacted]				
GNA_2023_296	Santiago-Irvine No.2 66kV	null	Reliability, Capacity	Demand Growth	6/1/2027	Subtransmission Line	168.00	MW	0.00	0.00	0.00	0.00	0.82	0.00%	0.00%	0.00%	0.00%	0.49%
GNA_2023_297	Saugus - Haskell 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2025	Subtransmission Line	124.00	MW	0.00	0.00	5.50	7.20	9.00	0.00%	0.00%	4.44%	5.81%	7.26%
GNA_2023_298	Saugus 66/16 (D)	Crabtree	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	16.20	MW	0.00	0.00	0.00	2.80	5.70	0.00%	0.00%	0.00%	17.28%	35.19%
GNA_2023_299	Saugus 66/16 (D)	null	Capacity	Demand Growth	3/31/2028	Distribution Substation	144.54	MW	0.00	0.00	0.00	0.00	6.16	0.00%	0.00%	0.00%	0.00%	4.26%
GNA_2023_300	Saugus 66/16 (D)	Tips	Capacity (UCT)	Demand Growth	6/1/2026	Distribution Feeder	12.50	MW	0.00	0.00	0.00	2.60	5.10	0.00%	0.00%	0.00%	20.80%	40.48%
GNA_2023_301	Saugus-Colossus-Lockheed-Pitchgen 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2024	Subtransmission Line	83.00	MW	0.00	1.20	4.50	6.50	8.60	0.00%	1.45%	5.42%	7.83%	10.36%
GNA_2023_302	Saugus-Elizabeth Lake-MWD Foothill 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2024	Subtransmission Line	83.00	MW	0.00	0.00	4.30	6.30	9.00	0.00%	0.00%	5.18%	7.59%	10.84%
GNA_2023_303	Saugus-Newhall No. 1 66 kV	null	Reliability, Capacity	Demand Growth	12/31/2023	Subtransmission Line	116.00	MW	23.80	25.40	32.40	38.40	43.20	20.52%	21.90%	27.93%	33.10%	37.24%
GNA_2023_304	Shandin 115/12 (D)	Calstate	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	2.50	2.44	2.07	2.01	2.01	[redacted]				
GNA_2023_305	Shawnee 66/12 (D)	null	Capacity	Demand Growth	6/1/2024	Distribution Substation	62.41	MW	0.00	1.09	1.89	2.19	2.59	0.00%	1.75%	3.03%	3.51%	4.15%
GNA_2023_306	Sierra Madre 16/4.16 (D)	Lowell	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.93	MW	0.20	0.23	0.21	0.24	0.27	6.83%	7.85%	7.17%	8.19%	9.22%
GNA_2023_307	Signal Hill 12/4.16 (D)	Michigan	Capacity	Demand Growth	6/1/2025	Distribution Feeder	2.40	MW	0.30	0.30	0.30	0.30	0.30	12.50%	12.50%	12.50%	12.50%	12.50%
GNA_2023_308	Stewart 66/12 (D)	Donald	Capacity (UCT)	Demand Growth	9/1/2023	Distribution Feeder	8.33	MW	7.14	5.06	3.66	3.66	3.48	85.71%	60.74%	43.94%	43.94%	41.78%
GNA_2023_309	Stewart 66/12 (D)	Kordell	Capacity (UCT)	Demand Growth	9/1/2023	Distribution Feeder	8.57	MW	4.92	1.94	1.94	1.96	1.94	57.28%	22.58%	22.58%	22.87%	22.64%
GNA_2023_310	Stewart 66/12 (D)	William	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	9.17	MW	1.80	1.83	1.83	1.73	1.73	19.57%	19.96%	19.96%	18.87%	18.87%
GNA_2023_311	Sun City 115/12 (D)	Equinox	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.63	MW	0.11	0.96	1.28	1.48	2.43	0.95%	8.25%	11.01%	12.49%	20.51%
GNA_2023_312	Sunnyside 66/12 (D)	null	Capacity	Demand Growth	12/31/2025	Distribution Substation	67.93	MW	1.90	9.40	13.20	12.87	13.87	2.80%	13.84%	19.43%	18.95%	20.42%
GNA_2023_313	Sunnyside 66/4.16 (D)	Keever	Capacity	Demand Growth	6/1/2025	Distribution Feeder	2.00	MW	1.10	1.20	1.20	1.20	1.30	55.00%	60.00%	60.00%	60.00%	65.00%
GNA_2023_314	Sunnyside 66/4.16 (D)	Osgood	Capacity	Demand Growth	6/1/2025	Distribution Feeder	2.30	MW	0.60	0.60	0.60	0.60	0.60	26.09%	26.09%	26.09%	26.09%	26.09%
GNA_2023_315	Sunnyside 66/4.16 (D)	Raton	Capacity	Demand Growth	12/31/2023	Distribution Feeder	2.93	MW	0.30	0.30	0.30	0.30	0.30	10.24%	10.24%	10.24%	10.24%	10.24%
GNA_2023_316	Talbert 66/12 (D)	Raven	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.80	MW	4.30	4.30	4.20	4.10	3.90	39.81%	39.81%	38.89%	37.96%	36.11%
GNA_2023_317	Tamarisk 115/12 (D)	Birch	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.63	MW	0.00	0.22	0.20	0.20	0.20	0.00%	1.83%	1.67%	1.67%	1.67%
GNA_2023_318	Tamarisk 115/12 (D)	Chia	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	10.46	MW	2.28	2.72	3.48	3.80	3.80	19.79%	26.00%	33.02%	36.33%	36.26%
GNA_2023_319	Tamarisk 115/12 (D)	Saguaro	Capacity (UCT)	Demand Growth	6/1/2024	Distribution Feeder	5.26	MW	0.00	0.87	0.87	0.76	0.76	0.00%	8.81%	8.81%	7.63%	7.63%
GNA_2023_320	Temple 16/4.16 (D)	Bidwell	Capacity	Demand Growth	2/28/2025	Distribution Feeder	1.82	MW	0.54	0.56	0.58	0.60	0.60	29.75%	30.85%	31.96%	33.06%	33.06%
GNA_2023_321	Tenaja 115/12 (D)	Corinth	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	[redacted]	MW	0.00	0.46	0.41	0.70	1.72	[redacted]				
GNA_2023_322	Tenaja 115/12 (D)	Jerusalem	Capacity	Demand Growth	6/1/2023	Distribution Feeder	11.96	MW	0.00	0.00	0.00	0.04	0.04	0.00%	0.00%	0.00%	0.33%	0.33%
GNA_2023_323	Terra Bella 66/12 (D)	Ducor	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	[redacted]	MVAR	0.12	0.12	0.12	0.00	0.12	[redacted]				
GNA_2023_324	Thornhill 115/12 (D)	null	Reliability, Voltage	Demand Growth	6/1/2023	Distribution Substation	1.00	Vpu	0.96	0.96	0.96	0.96	0.95	96.10%	96.00%	95.80%	95.50%	95.20%
GNA_2023_325	Thousand Oaks 66/16 (D)	Devine	Reactive Power	Demand Growth	8/31/2024	Distribution Feeder	0.60	MVAR	2.52	2.52	2.52	2.60	2.60	420.00%	420.00%	420.00%	433.33%	433.33%
GNA_2023_326	Timoteo 66/12 (D)	Intern	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	0.60	MVAR	2.15	2.26	2.32	2.32	2.32	358.33%	376.67%	386.67%	386.67%	386.67%
GNA_2023_327	Tortilla 115/12 (D)	Patio	Capacity	Demand Growth	6/30/2023	Distribution Feeder	10.43	MW	3.22	3.37	3.43	3.48	3.52	30.87%	32.31%	32.89%	33.37%	33.75%
GNA_2023_328	Triton 115/12 (D)	Capelin	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.65	MW	0.35	0.50	0.57	0.59	0.63	3.00%	4.27%	4.88%	5.04%	5.41%
GNA_2023_329	Triton 115/12 (D)	Thresher	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	11.54	MW	1.07	1.07	1.02	1.02	0.98	9.25%	9.27%	8.82%	8.84%	8.47%
GNA_2023_330	Tulare 66/12 (D)	Milk	Capacity (UCT)	Demand Growth	12/31/2024	Distribution Feeder	[redacted]	MW	0.20	0.20	0.30	0.30	0.30	[redacted]				
GNA_2023_331	Upland 66/12 (D)	Guasti	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	10.60	MW	1.10	2.30	2.30	2.20	2.20	10.38%	21.70%	21.70%	20.75%	20.75%
GNA_2023_333	Vail 66/16 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	114.00	MW	0.00	0.00	1.80	5.60	11.10	0.00%	0.00%	1.58%	4.91%	9.74%
GNA_2023_332	Valley 115/12 (D)	Ethanac	Capacity (UCT)	Demand Growth	6/1/2025	Distribution Feeder	11.17	MW	0.00	0.00	1.04	3.00	3.20	0.00%	0.00%	8.86%	25.55%	27.78%
GNA_2023_334	Valley 'EFG' 500/115 (S)	null	Capacity	Demand Growth	6/1/2029	Subtransmission Line	896.00	MW	223.40	235.20	246.40	269.10	287.70	24.93%	26.25%	27.50%	30.03%	32.11%
GNA_2023_335	Viejo 66/12 (D)	Consejo	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	1.29	2.21	3.13	3.13	3.06	[redacted]				
GNA_2023_336	Viejo 66/12 (D)	Atento	Capacity (UCT)	Demand Growth	5/1/2024	Distribution Feeder	11.52	MW	0.00	0.35	0.61	0.85	0.89	0.00%	2.93%	5.10%	7.11%	7.44%
GNA_2023_337	Viejo 66/12 (D)	Gordo	Reactive Power	Demand Growth	8/31/2025	Distribution Feeder	[redacted]	MVAR	0.94	0.90	0.86	0.86	0.82	[redacted]				
GNA_2023_338	Vista-Bloomington-Glen Avon 66 kV	null	Capacity	Demand Growth	6/1/2024	Subtransmission Line	46.00	MW	0.00	0.00	0.00	5.62	7.94	0.00%	0.00%	0.00%	12.22%	17.26%
GNA_2023_339	Vista-Bloomington-Glen Avon 66 kV	null	Reliability, Capacity	Demand Growth	6/1/2024	Subtransmission Line	62.00	MW	0.00	0.46	10.67	21.74	26.22	0.00%	0.74%	17.21%	35.06%	42.29%
GNA_2023_340	Vista-Calectric 115 kV	null	Capacity	Demand Growth	12/31/2025	Subtransmission Line	183.00	MW	0.00	5.97	7.83	5.76	7.57	0.00%	3.26%	4.28%	3.15%	4.14%
GNA_2023_341	Washington 66/12 (D)	null	Capacity	Demand Growth	6/1/2026	Distribution Substation	54.70	MW	0.00	0.00	1.59	5.41	11.30	0.00%	0.00%	2.91%	9.89%	20.66%
GNA_2023_342	Weldon 66/12 (D)	null	Reliability, Capacity	Demand Growth	12/31/2024	Distribution Substation	40.60	MW	4.50	4.50	4.40	4.40	4.40	11.08%	11.08%	10.84%	10.84%	10.84%
GNA_2023_343	West Riverside 33/12 (D)	Fleetwood	Capacity	Demand Growth	6/1/2023	Distribution Feeder	11.96	MW	1.37	1.46	2.20	2.20	2.28	11.45%	12.21%	18.39%	18.39%	19.06%
GNA_2023_344	West Riverside 33/12 (D)	null	Capacity	Demand Growth	6/1/2023	Distribution Substation	18.20	MW	1.89	2.07	3.04	6.89	11.06	10.38%	11.37%	16.70%	37.86%	60.77%
GNA_2023_345	West Riverside 33/12 (D)	Winnebago	Capacity	Demand Growth	6/1/2026	Distribution Feeder	[redacted]	MW	0.00	0.00	0.00	6.02	10.52	[redacted]				
GNA_2023_346	Wimbledon 66/12 (D)	Riggs	Reactive Power	Demand Growth	12/31/2023	Distribution Feeder	[redacted]	MVAR	1.22	1.22	1.22	1.17	1.17	[redacted]				
GNA_2023_347	Woodruff 12/4.16 (D)	Ferina	Capacity	Demand Growth	6/1/2024	Distribution Feeder	2.90	MW	0.15	0.16	0.17	0.18	0.18	5.17%	5.52%	5.86%	6.21%	6.21%
GNA_2023_348	Yucaipa 66/12 (D)	Conine	Capacity (UCT)	Demand Growth	6/1/2023	Distribution Feeder	5.63	MW	0.09	0.98	2.65	9.00	14.29	1.12%	15.88%	37.06%	159.86%	142.33%

		2023										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Abacus		0.0003	9.83	82.22%	11.96	-0.0143	-0.0055	-0.0172	0.0349	0.0012	-0.0008	-0.0017
Abana		0.0003	8.20	68.56%	11.96	-0.0015	-0.0304	-0.0463	0.0146	0.0012	-0.0003	-0.0627
Abbey		0.0001	4.84	46.37%	10.43	-0.0132	-0.0081	-0.0054	0.0064	0.0023	0.0014	-0.0166
Abbot		0.0000	10.33	86.39%	11.96	-0.0339	-0.0326	-0.0428	0.0308	0.0010	-0.0001	-0.0776
Aberdeen		0.0000	5.28	44.17%	11.96	-0.0068	-0.0054	-0.0115	0.0165	0.0008	-0.0005	-0.0069
Abigail		0.0003	8.52	71.23%	11.96	-0.0046	-0.0112	-0.0205	0.0206	0.0008	-0.0006	-0.0155
Able		0.0000	2.53	90.24%	2.80	0.0000	0.0000	-0.0034	0.0068	0.0007	-0.0003	0.0038
Abraham		0.0000	10.08	62.34%	16.18	-0.0145	-0.0084	-0.0250	0.0400	0.0012	-0.0003	-0.0070
Abri		0.0000	4.33	38.00%	11.39	-0.0032	-0.0130	-0.0188	0.0143	0.0005	-0.0010	-0.0212
Absolut		0.0000	[redacted]			-0.0020	-0.0199	-0.0251	0.0027	0.0003	0.0000	-0.0440
Academy		0.0003	5.09	31.49%	16.18	-0.0052	-0.0085	-0.0254	0.0419	0.0007	-0.0001	0.0034
Acadian		0.0000	8.72	72.96%	11.96	-0.0242	-0.0016	-0.0093	0.0074	0.0012	-0.0002	-0.0267
Acala		0.0002	7.59	72.70%	10.43	0.0000	0.0000	-0.0162	0.0052	0.0013	-0.0010	-0.0107
Accent		0.0001	11.48	96.00%	11.96	-0.0539	-0.0011	-0.0087	0.0392	0.0013	-0.0001	-0.0233
Ace		0.0001	[redacted]			0.0000	0.0000	-0.0042	0.0143	0.0028	-0.0012	0.0117
Ackley		0.0001	2.27	95.25%	2.39	-0.0057	0.0000	-0.0020	0.0091	0.0005	0.0000	0.0019
Acme		0.8656	[redacted]			-0.0072	-0.0157	-0.0225	0.0112	0.0004	-0.0002	-0.0340
Acorn		0.0001	2.78	94.81%	2.93	-0.0010	-0.0003	-0.0021	0.0159	0.0004	0.0000	0.0129
Acosta		0.0001	[redacted]			-0.0093	-0.0036	-0.0125	0.0477	0.0010	-0.0001	0.0232
Acres		0.0000	7.83	75.02%	10.43	-0.0299	-0.0029	-0.0119	0.0959	0.0013	-0.0001	0.0524
Acrobat		0.0001	[redacted]			-0.0099	-0.0048	-0.0167	0.0263	0.0008	-0.0007	-0.0050
Ada		0.0000	2.85	97.26%	2.93	-0.0017	-0.0006	-0.0055	0.0121	0.0008	-0.0007	0.0044
Adair		0.0001	1.52	51.95%	2.93	-0.0032	-0.0009	-0.0030	0.0140	0.0004	-0.0002	0.0071
Adak		0.0001	[redacted]			-0.0038	-0.0060	-0.0118	0.0194	0.0003	-0.0002	-0.0021
Addis		0.0000	12.04	85.30%	14.12	-0.0112	-0.0308	-0.0370	0.1422	0.0022	0.0008	0.0662
Adelanto		0.0003	10.29	97.43%	10.57	-0.0375	-0.0062	-0.0157	0.0087	0.0003	-0.0002	-0.0506
Adell		0.0001	8.91	74.49%	11.96	-0.0133	-0.0093	-0.0278	0.0197	0.0006	-0.0005	-0.0306
Admiral	GNA_2023_243	0.0003	[redacted]			-0.0008	-0.0166	-0.0347	0.0138	0.0008	0.0000	-0.0375
Adobe		0.0001	4.28	30.35%	14.12	-0.0077	-0.0013	-0.0053	0.0168	0.0006	-0.0002	0.0029
Adolfo		0.0000	8.38	51.82%	16.18	-0.0026	-0.0245	-0.0376	0.0088	0.0007	-0.0002	-0.0554
Afton		0.0000	[redacted]			-0.0018	-0.0099	-0.0197	0.0567	0.0040	-0.0010	0.0283
Agassi		0.0046	6.82	57.04%	11.96	-0.0079	-0.0088	-0.0152	0.0095	0.0007	-0.0001	-0.0218
Agate		0.0000	[redacted]			0.0000	0.0000	-0.0222	0.1829	0.0100	-0.0040	0.1667
Agave		0.0004	[redacted]			-0.0186	-0.0175	-0.0333	0.0192	0.0004	0.0000	-0.0498
Agena		0.0003	7.57	64.86%	11.67	-0.0060	-0.0115	-0.0290	0.0336	0.0009	-0.0003	-0.0123
Agnes		0.0000	1.83	81.15%	2.26	0.0000	0.0000	-0.0015	0.0071	0.0028	0.0000	0.0084
Agra		0.0002	6.56	55.10%	11.91	-0.0036	-0.0091	-0.0141	0.0085	0.0013	-0.0004	-0.0174
Aguanga		0.0000	5.75	48.13%	11.96	-0.0168	-0.0043	-0.0065	0.0043	0.0014	-0.0001	-0.0220
Aha		0.0000	2.69	77.23%	3.48	-0.0066	-0.0003	-0.0016	0.0055	0.0004	-0.0001	-0.0027
Ahoy	GNA_2023_244	0.0001	[redacted]			-0.0004	-0.0024	-0.0069	0.0091	0.0017	0.0002	0.0013
Aidan		0.0001	11.34	94.88%	11.96	-0.0523	-0.0010	-0.0058	0.0345	0.0015	0.0000	-0.0231
Aircraft		0.0000	[redacted]			-0.0004	-0.0019	-0.0029	0.0107	0.0009	0.0000	0.0064
Airport		0.0003	8.39	70.16%	11.96	-0.0084	-0.0092	-0.0232	0.0070	0.0010	-0.0002	-0.0330
Ajard		0.0000	5.75	48.10%	11.96	-0.0099	-0.0055	-0.0119	0.0360	0.0006	-0.0001	0.0092
Akita		1.2121	9.52	79.61%	11.96	-0.0193	-0.0206	-0.0224	0.0210	0.0006	-0.0008	-0.0415
Akron		0.0000	8.67	72.55%	11.96	0.0000	0.0000	-0.0164	0.0297	0.0039	-0.0013	0.0159
Alabama		0.0004	9.65	80.73%	11.96	-0.0104	-0.0257	-0.0319	0.0173	0.0006	-0.0009	-0.0510
Alamar		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Alameda		0.0000	7.14	59.74%	11.96	-0.0022	-0.0062	-0.0168	0.0130	0.0008	-0.0010	-0.0124
Alamo		0.0000	[redacted]			-0.0009	-0.0126	-0.0277	0.0122	0.0006	-0.0001	-0.0285
Alamosa		0.0000	10.23	85.55%	11.96	-0.0153	-0.0111	-0.0223	0.0369	0.0008	-0.0006	-0.0116
Alaska		1.0955	[redacted]			-0.0074	-0.0248	-0.0444	0.0385	0.0006	-0.0001	-0.0376
Albacore		0.4716	[redacted]			-0.0047	-0.0361	-0.0581	0.0315	0.0005	-0.0015	-0.0684
Albany		1.0814	7.14	54.56%	13.09	-0.0024	-0.0098	-0.0250	0.0220	0.0006	-0.0009	-0.0155
Albatross		0.0000	10.24	78.24%	13.09	-0.0036	-0.0261	-0.0376	0.0622	0.0018	0.0001	-0.0032
Alberta		0.0000	2.40	100.56%	2.39	-0.0040	-0.0001	-0.0027	0.0077	0.0008	0.0000	0.0017
Alburtis	GNA_2023_234	0.6169	8.19	68.47%	11.96	-0.0122	-0.0102	-0.0210	0.0241	0.0009	-0.0004	-0.0188
Albury		0.0000	1.09	79.36%	1.37	-0.0025	0.0000	-0.0010	0.0047	0.0007	0.0000	0.0019
Alcalde		0.0002	[redacted]			-0.0266	-0.0030	-0.0072	0.0156	0.0006	0.0000	-0.0206
Alcoa		0.0000	6.89	61.03%	11.29	-0.0026	-0.0239	-0.0325	0.0105	0.0007	-0.0011	-0.0489
Alden		0.0000	2.29	78.02%	2.93	-0.0015	-0.0001	-0.0019	0.0039	0.0005	0.0000	0.0009
Alejo		0.0000	[redacted]			-0.0023	-0.0027	-0.0024	0.0017	0.0001	-0.0003	-0.0059
Alejo		0.0000	[redacted]			-0.0023	-0.0027	-0.0024	0.0017	0.0001	-0.0003	-0.0059
Alexander		0.0000	2.45	83.65%	2.93	-0.0012	0.0000	-0.0025	0.0043	0.0008	-0.0001	0.0013
Alfalfa		0.0000	1.55	29.71%	5.22	-0.0061	-0.0007	-0.0016	0.0056	0.0001	-0.0001	-0.0028
Alfredo		0.2870	9.30	65.90%	14.12	-0.0028	-0.0384	-0.0445	0.0153	0.0010	-0.0040	-0.0734
Alicia		0.0000	8.35	69.81%	11.96	-0.0150	-0.0112	-0.0210	0.0159	0.0007	-0.0002	-0.0308
Alila		0.0000	[redacted]			-0.0002	-0.0004	-0.0131	0.0022	0.0008	-0.0003	-0.0110
Alla		0.0000	[redacted]			-0.0029	-0.0066	-0.0122	0.0503	0.0015	-0.0006	0.0295
Allegiance		0.0000	[redacted]			-0.0100	-0.0071	-0.0154	0.0076	0.0005	-0.0004	-0.0248
Allegra		0.0001	4.81	65.87%	7.30	-0.0391	-0.0040	-0.0071	0.0059	0.0005	0.0001	-0.0437
Allergan		1.7422	[redacted]			-0.0016	-0.0236	-0.0368	0.0041	0.0006	0.0001	-0.0572
Allison		0.0000	[redacted]			-0.0013	-0.0063	-0.0224	0.0145	0.0009	-0.0016	-0.0162
Alloy		0.0002	7.75	64.81%	11.96	0.0000	0.0000	-0.0182	0.0597	0.0059	-0.0010	0.0464
Allred		0.0000	2.47	84.32%	2.93	-0.0124	-0.0002	-0.0026	0.0190	0.0007	0.0000	0.0045
Allstate		0.0001	10.58	88.49%	11.96	-0.0032	-0.0364	-0.0471	0.0036	0.0003	-0.0015	-0.0843
Alma		0.0000	2.20	92.19%	2.39	-0.0018	0.0000	-0.0021	0.0135	0.0010	-0.0002	0.0104
Almansor		0.6686	[redacted]			-0.0026	-0.0229	-0.0358	0.0231	0.0006	-0.0010	-0.0386
Almond		0.0001	10.77	90.04%	11.96	-0.0170	-0.0371	-0.0425	0.0329	0.0009	-0.0012	-0.0640
Alondra		0.0000	2.47	87.67%	2.81	-0.0061	-0.0003	-0.0026	0.0108	0.0006	0.0000	0.0024
Alora		0.0000	[redacted]			-0.0049	-0.0144	-0.0251	0.0089	0.0011	0.0000	-0.0344
Alpaca		0.0000	2.52	86.04%	2.93	-0.0029	-0.0007	-0.0043	0.0090	0.0006	-0.0002	0.0015
Alpha		0.2850	6.28	78.71%	7.98	-0.0048	-0.0084	-0.0165	0.0229	0.0008	-0.0005	-0.0065
Alster		0.0000	2.57	87.64%	2.93	-0.0016	-0.0001	-0.0019	0.0128	0.0005	0.0000	0.0097
Alstot		0.0003	7.11	68.17%	10.43	-0.0045	-0.0012	-0.0071	0.0190	0.0009	0.0000	0.0071
Alta		0.0001	2.69	91.87%	2.93	-0.0010	-0.0001	-0.0024	0.0174	0.0007	-0.0002	0.0144
Alterra		1.1792	9.08	75.95%	11.96	-0.0054	-0.0215	-0.0349	0.0181	0.0004	-0.0002	-0.0435
Altura		0.0000	2.53	90.33%	2.80	-0.0018	-0.0010	-0.0031	0.0137	0.0005	-0.0001	0.0082
Aluminum		0.6530	7.34	61.35%	11.96	-0.0158	-0.0143	-0.0204	0.0286	0.0005	-0.0001	-0.0215
Alvarado		0.0003	8.04	56.94%	14.12	-0.0117	-0.0088	-0.0291	0.0408	0.0020	-0.0004	-0.0072
Alvera	GNA_2023_119	0.0004	[redacted]			-0.0295	-0.0094	-0.0248	0.0115	0.0013	-0.0001	-0.0510
Amado		0.0000	7.75	64.80%	11.96	-0.0241	-0.0075	-0.0151	0.0132	0.0009	-0.0004	-0.0330
Amanda		0.0000	11.27	69.69%	16.18	0.0000	0.0000	-0.0131	0.0377	0.0041	-0.0021	0.0266
Amar		0.0000	10.30	86.13%	11.96	-0.0187	-0.0128	-0.0269	0.0416	0.0009	-0.0005	-0.0164
Amazon		0.0002	[redacted]			-0.0073	-0.0309	-0.0391	0.0117	0.0008	-0.0014	-0.0662
Amber		0.0000	8.30	69.42%	11.96	-0.0125	-0.0081	-0.0114	0.0053	0.0003	-0.0004	-0.0268
Ambercrest		0.0003	13.04	80.62%	16.18	-0.0201	-0.0068	-0.0196	0.0756	0.0014	-0.0001	0.0304
Amberjack		0.0004	10.02	83.77%	11.96	-0.0472	-0.0019	-0.0100	0.0293	0.0010	0.0000	-0.0288
Ambersky		0.0000	6.98	43.15%	16.18	-0.0065	-0.0079	-0.0292	0.0877	0.0008	-0.0002	0.0447
Ambrus		0.8631	11.46	70.82%	16.18	-0.0120	-0.0127	-0.0263	0.0241	0.0009	-0.0006	-0.0266
Ambushers		0.0003	8.47	70.85%	11.96	-0.0032	-0.0031	-0.0127	0.0390	0.0007	-0.0003	0.0204
American		0.0004	9.73	81.35%	11.96	-0.0043	-0.0027	-0.0199	0.0167	0.0015	-0.0014	-0.0101
Amestoy		0.0000	1.59	81.28%	1.95	-0.0009	-0.0002	-0.0027	0.0170	0.0007	-0.0003	0.0136
Amethyst		0.0003	8.78	73.41%	11.96	-0.0205	-0.0019	-0.0097	0.0410	0.0010	0.0000	0.0099
Ammo		0.0005	[redacted]			-0.0284	-0.0084	-0.0147	0.0139	0.0011	0.0000	-0.0365
Amos		0.0001	2.73	96.18%	2.84	-0.0053	-0.0001	-0.0030	0.0146	0.0006	0.0000	0.0068
Amtrak		0.0002	[redacted]			-0.0006	-0.0151	-0.0272	0.0046	0.0012	0.0002	-0.0369
Anacapa		0.0000	0.30	12.39%	2.39	0.0000	0.0000	-0.0003	0.0056	0.0007	-0.0001	0.0059
Anaconda		0.0002	8.84	54.67%	16.18	-0.0101	-0.0068	-0.0140	0.0137	0.0006	-0.0004	-0.0170
Anahurst		0.0000	2.34	98.20%	2.39	0.0000	0.0000	-0.0021	0.0235	0.0027	-0.0001	0.0240
Anakin		0.0000	[redacted]			-0.0117	-0.0044	-0.0215	0.0250	0.0006	-0.0002	-0.0122
Anawalt		0.0003	10.33	86.43%	11.96	-0.0152	-0.0090	-0.0174	0.0314	0.0009	-0.0006	-0.0099
Anchor		0.0000	1.60	57.29%	2.80	-0.0002	-0.0001	-0.0021	0.0201	0.0011	-0.0002	0.0186
Anchorage		0.0000	[redacted]			0.0000	-0.0003	-0.0015	0.0011	0.0038	0.0000	0.0031
Anderson	GNA_2023_137	0.0004	11.30	94.55%	11.96	-0.0593	-0.0035	-0.0128	0.0202	0.0016	-0.0001	-0.0539
Andes		0.4119	[redacted]			-0.0120	-0.0185	-0.0372	0.0084	0.0007	-0.0002	-0.0588
Andretti		0.0001	[redacted]			-0.0023	-0.0255	-0.0324	0.0102	0.0005	0.0010	-0.0485
Andria		0.0001	9.52	79.59%	11.96	-0.0168	-0.0019	-0.0083	0.0168	0.0010	-0.0002	-0.0094
Andrus		0.0000	1.96	82.13%	2.39	0.0000	0.0000	-0.0036	0.0112	0.0008	-0.0003	0.0081
Angeles		0.0000	7.45	52.79%	14.12	-0.0159	-0.0005	-0.0058	0.0272	0.0005	0.0000	0.0055
Angelina		0.5970	8.80	54.43%	16.18	-0.0044	-0.0273	-0.0406	0.0450	0.0017	-0.0002	-0.0258
Angus		0.0003	9.18	63.41%	14.47	-0.0335	-0.0104	-0.0210	0.0144	0.0007	-0.0001	-0.0499
Ann		0.0001	10.27	85.92%	11.96	-0.0123	-0.0020	-0.0097	0.0370	0.0006	-0.0002	0.0134
Annenberg		0.0002	7.01	58.67%	11.96	-0.0118	-0.0111	-0.0179	0.0111	0.0002	-0.0002	-0.0297
Annette		0.0002	[redacted]			-0.0069	-0.0108	-0.0187	0.0393	0.0007	-0.0001	0.0035
Annika		0.8351	8.88	74.28%	11.96	-0.0163	-0.0237	-0.0337	0.0523	0.0009	-0.0001	-0.0206
Ante		0.0000	6.36	53.16%	11.96	-0.0200	-0.0073	-0.0152	0.0291	0.0008	-0.0001	-0.0127
Anteater		0.0000	7.96	66.59%	11.96	-0.0025	-0.0136	-0.0395	0.0118	0.0006	-0.0006	-0.0438
Antil		0.0000	1.82	62.11%	2.93	-0.0005	-0.0003	-0.0028	0.0057	0.0005	-0.0003	0.0023
Antique		0.0001	[redacted]			-0.0028	-0.0224	-0.0327	0.0082	0.0003	-0.0005	-0.0499
Antler		0.0002	8.47	70.87%	11.96	-0.0098	-0.0101	-0.0134	0.0236	0.0005	-0.0007	-0.0099
Anton		0.0003	[redacted]			-0.0088	-0.0084	-0.0086	0.0703	0.0018	0.0036	0.0499
Antone		0.5226	7.50	70.99%	10.57	-0.0063	-0.0080	-0.0266	0.0342	0.0013	-0.0005	-0.0059
Antwerp		0.0000	1.48	62.74%	2.36	0.0000	0.0000	-0.0014	0.0095	0.0008	-0.0001	0.0088
Anza		0.0000	1.85	62.99%	2.93	0.0000	0.0000	-0.0030	0.0040	0.0007	-0.0003	0.0014

	2024										
Facility	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Abacus	0.0046	9.84	82.29%	11.96	-0.0256	-0.0104	-0.0346	0.0712	0.0030	-0.0015	0.0021
Abana	0.0048	8.16	68.26%	11.96	-0.0028	-0.0538	-0.0804	0.0338	0.0023	-0.0006	-0.1015
Abbey	0.0006	4.83	46.25%	10.43	-0.0261	-0.0147	-0.0105	0.0132	0.0050	0.0039	-0.0292
Abbot	0.0000	10.27	85.91%	11.96	-0.0614	-0.0608	-0.0757	0.0651	0.0026	-0.0001	-0.1303
Aberdeen	0.0000	5.28	44.16%	11.96	-0.0122	-0.0103	-0.0204	0.0341	0.0017	-0.0009	-0.0080
Abigail	0.0046	8.51	71.18%	11.96	-0.0085	-0.0210	-0.0393	0.0426	0.0020	-0.0011	-0.0253
Able	0.0000	2.53	90.43%	2.80	0.0000	0.0000	-0.0068	0.0142	0.0017	-0.0006	0.0085
Abraham	0.0000	10.09	62.38%	16.18	-0.0257	-0.0157	-0.0445	0.0825	0.0026	-0.0006	-0.0014
Abri	0.0000	4.31	37.85%	11.39	-0.0060	-0.0254	-0.0339	0.0278	0.0015	-0.0016	-0.0376
Absolut	0.0007	[redacted]			-0.0037	-0.0341	-0.0439	0.0056	0.0010	0.0001	-0.0750
Academy	0.0045	5.11	31.62%	16.18	-0.0101	-0.0154	-0.0444	0.0864	0.0021	-0.0002	0.0184
Acadian	0.0000	8.70	72.76%	11.96	-0.0435	-0.0029	-0.0197	0.0152	0.0030	-0.0003	-0.0482
Acala	0.0032	7.58	72.63%	10.43	0.0000	0.0000	-0.0310	0.0112	0.0029	-0.0030	-0.0199
Accent	0.0001	11.47	95.89%	11.96	-0.0973	-0.0021	-0.0187	0.0800	0.0033	-0.0001	-0.0349
Ace	0.0002	[redacted]			0.0000	0.0000	-0.0086	0.0295	0.0045	-0.0016	0.0238
Ackley	0.0016	2.28	95.50%	2.39	-0.0102	0.0000	-0.0043	0.0189	0.0014	0.0000	0.0058
Acme	1.0999	[redacted]			-0.0122	-0.0253	-0.0399	0.0258	0.0013	-0.0004	-0.0507
Acorn	0.0017	2.47	84.30%	2.93	-0.0023	-0.0008	-0.0044	0.0292	0.0012	0.0000	0.0229
Acosta	0.0011	[redacted]			-0.0171	-0.0066	-0.0253	0.0975	0.0024	-0.0002	0.0507
Acres	0.0000	7.90	75.68%	10.43	-0.0552	-0.0055	-0.0236	0.1984	0.0031	-0.0002	0.1170
Acrobat	0.2403	[redacted]			-0.0180	-0.0089	-0.0349	0.0562	0.0019	-0.0014	-0.0051
Ada	0.0002	2.85	97.33%	2.93	-0.0048	-0.0017	-0.0110	0.0232	0.0019	-0.0010	0.0066
Adair	0.0008	1.53	52.31%	2.93	-0.0058	-0.0017	-0.0059	0.0286	0.0013	-0.0004	0.0161
Adak	0.0024	[redacted]			-0.0071	-0.0111	-0.0214	0.0404	0.0010	-0.0004	0.0014
Addis	0.0000	12.18	86.25%	14.12	-0.0197	-0.0572	-0.0674	0.3294	0.0072	0.0001	0.1924
Adelanto	0.0055	10.27	97.25%	10.57	-0.0557	-0.0096	-0.0303	0.0205	0.0017	-0.0004	-0.0738
Adell	0.0023	8.89	74.32%	11.96	-0.0242	-0.0171	-0.0511	0.0402	0.0022	-0.0010	-0.0510
Admiral	0.0050	[redacted]			-0.0016	-0.0301	-0.0575	0.0288	0.0017	0.0001	-0.0586
Adobe	0.0020	4.29	30.41%	14.12	-0.0140	-0.0025	-0.0108	0.0355	0.0017	-0.0004	0.0095
Adolfo	0.0000	8.34	51.56%	16.18	-0.0050	-0.0452	-0.0637	0.0183	0.0015	-0.0003	-0.0944
Afton	0.0000	[redacted]			-0.0035	-0.0188	-0.0348	0.1158	0.0072	-0.0021	0.0638
Agassi	0.0058	6.80	56.90%	11.96	-0.0146	-0.0161	-0.0296	0.0198	0.0023	-0.0002	-0.0384
Agate	0.0000	[redacted]			0.0000	0.0000	-0.0414	0.3729	0.0241	-0.0082	0.3474
Agave	0.4741	[redacted]			-0.0362	-0.0319	-0.0605	0.0404	0.0017	-0.0001	-0.0866
Agena	0.0046	7.56	64.75%	11.67	-0.0142	-0.0265	-0.0523	0.0628	0.0022	-0.0005	-0.0285
Agnes	0.0000	1.84	81.55%	2.26	0.0000	0.0000	-0.0030	0.0145	0.0057	0.0000	0.0172
Agra	0.0033	6.55	55.02%	11.91	-0.0068	-0.0171	-0.0265	0.0179	0.0033	-0.0007	-0.0299
Aguanga	0.0000	5.73	47.96%	11.96	-0.0302	-0.0081	-0.0139	0.0095	0.0028	-0.0002	-0.0401
Aha	0.0000	2.68	77.06%	3.48	-0.0155	-0.0007	-0.0034	0.0102	0.0012	-0.0002	-0.0084
Ahoy	0.0007	[redacted]			-0.0008	-0.0044	-0.0124	0.0196	0.0030	0.0005	0.0055
Aidan	0.0001	11.38	95.16%	11.96	-0.0664	-0.0013	-0.0127	0.0865	0.0033	-0.0021	0.0073
Aircraft	0.0005	[redacted]			-0.0008	-0.0036	-0.0048	0.0233	0.0018	0.0001	0.0160
Airport	0.0050	8.36	69.95%	11.96	-0.0155	-0.0183	-0.0419	0.0136	0.0018	-0.0013	-0.0616
Ajard	0.0000	5.77	48.24%	11.96	-0.0186	-0.0103	-0.0232	0.0745	0.0027	-0.0002	0.0249
Akita	1.2699	9.55	79.85%	11.96	-0.0355	-0.0389	-0.0417	0.0437	0.0018	-0.0014	-0.0720
Akron	0.0000	8.70	72.75%	11.96	0.0000	0.0000	-0.0301	0.0605	0.0095	-0.0027	0.0372
Alabama	0.0071	9.62	80.45%	11.96	-0.0192	-0.0480	-0.0599	0.0386	0.0016	-0.0017	-0.0886
Alamar	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Alameda	0.0000	7.13	59.67%	11.96	-0.0041	-0.0118	-0.0313	0.0272	0.0020	-0.0019	-0.0199
Alamo	0.0005	[redacted]			-0.0017	-0.0231	-0.0457	0.0252	0.0011	-0.0002	-0.0444
Alamosa	0.0000	10.24	85.68%	11.96	-0.0229	-0.0175	-0.0440	0.0860	0.0022	-0.0013	0.0025
Alaska	1.1399	[redacted]			-0.0140	-0.0458	-0.0797	0.0832	0.0023	-0.0002	-0.0542
Albacore	0.4768	[redacted]			-0.0088	-0.0672	-0.0963	0.0663	0.0028	-0.0016	-0.1048
Albany	1.0827	7.12	54.42%	13.09	-0.0057	-0.0236	-0.0449	0.0404	0.0015	-0.0016	-0.0339
Albatross	0.0000	10.26	78.37%	13.09	-0.0066	-0.0497	-0.0645	0.1300	0.0040	-0.0001	0.0131
Alberta	0.0006	2.40	100.73%	2.39	-0.0072	-0.0002	-0.0057	0.0158	0.0021	0.0000	0.0048
Alburtis	2.1732	9.84	82.32%	11.96	-0.0219	-0.0193	-0.0398	0.0506	0.0025	-0.0007	-0.0286
Albury	0.0000	1.09	79.59%	1.37	-0.0044	0.0000	-0.0020	0.0097	0.0015	0.0000	0.0048
Alcalde	0.0026	[redacted]			-0.0529	-0.0062	-0.0136	0.0292	0.0016	0.0000	-0.0419
Alcoa	0.0000	9.59	84.93%	11.29	-0.0048	-0.0437	-0.0583	0.0253	0.0016	-0.0023	-0.0822
Alden	0.0000	1.55	53.07%	2.93	-0.0027	-0.0002	-0.0041	0.0079	0.0014	0.0000	0.0023
Alejo	0.0008	[redacted]			-0.0043	-0.0052	-0.0044	0.0035	0.0004	-0.0006	-0.0106
Alejo	0.0008	[redacted]			-0.0043	-0.0052	-0.0044	0.0035	0.0004	-0.0006	-0.0106
Alexander	0.0000	2.45	83.70%	2.93	-0.0021	0.0000	-0.0056	0.0088	0.0018	-0.0002	0.0027
Alfalfa	0.0003	1.55	29.79%	5.22	-0.0096	-0.0011	-0.0033	0.0149	0.0004	-0.0002	0.0011
Alfredo	1.5493	10.54	74.68%	14.12	-0.0055	-0.0735	-0.0785	0.0324	0.0020	-0.0092	-0.1323
Alicia	0.0004	8.32	69.62%	11.96	-0.0264	-0.0213	-0.0383	0.0327	0.0018	-0.0004	-0.0519
Alila	0.0008	[redacted]			-0.0004	-0.0007	-0.0256	0.0046	0.0019	-0.0011	-0.0213
Alla	0.7399	[redacted]			-0.0053	-0.0125	-0.0230	0.1030	0.0035	-0.0012	0.0645
Allegiance	0.0012	[redacted]			-0.0156	-0.0116	-0.0292	0.0177	0.0020	-0.0011	-0.0378
Allegra	0.0017	4.78	65.48%	7.30	-0.0661	-0.0066	-0.0165	0.0154	0.0017	-0.0002	-0.0723
Allergan	1.7444	[redacted]			-0.0032	-0.0434	-0.0582	0.0077	0.0013	0.0001	-0.0957
Allison	0.0000	[redacted]			-0.0024	-0.0117	-0.0399	0.0303	0.0033	-0.0031	-0.0235
Alloy	0.0025	7.81	65.31%	11.96	0.0000	0.0000	-0.0323	0.1212	0.0136	-0.0024	0.1001
Allred	0.0000	2.48	84.65%	2.93	-0.0217	-0.0003	-0.0053	0.0392	0.0017	0.0000	0.0136
Allstate	0.0026	10.51	87.91%	11.96	-0.0063	-0.0682	-0.0857	0.0088	0.0008	-0.0029	-0.1535
Alma	0.0000	2.21	92.70%	2.39	-0.0032	0.0000	-0.0045	0.0275	0.0025	-0.0005	0.0218
Almansor	1.0908	[redacted]			-0.0042	-0.0359	-0.0654	0.0539	0.0016	-0.0026	-0.0526
Almond	0.0013	10.72	89.66%	11.96	-0.0321	-0.0706	-0.0769	0.0700	0.0036	-0.0021	-0.1081
Alondra	0.0000	2.47	87.85%	2.81	-0.0109	-0.0006	-0.0052	0.0221	0.0017	0.0000	0.0071
Alora	0.0000	[redacted]			-0.0060	-0.0176	-0.0452	0.0206	0.0028	-0.0002	-0.0456
Alpaca	0.0004	2.52	86.15%	2.93	-0.0052	-0.0013	-0.0088	0.0184	0.0015	-0.0003	0.0043
Alpha	0.2850	6.28	78.69%	7.98	-0.0088	-0.0158	-0.0311	0.0473	0.0017	-0.0011	-0.0078
Alster	0.0000	2.58	88.05%	2.93	-0.0029	-0.0002	-0.0040	0.0265	0.0012	0.0000	0.0206
Alstot	0.0016	7.12	68.27%	10.43	-0.0081	-0.0022	-0.0150	0.0388	0.0023	0.0000	0.0158
Alta	0.0015	2.71	92.51%	2.93	-0.0018	-0.0002	-0.0049	0.0354	0.0019	-0.0005	0.0299
Alterra	1.1840	9.06	75.82%	11.96	-0.0094	-0.0371	-0.0656	0.0482	0.0012	-0.0004	-0.0631
Altura	0.0000	2.54	90.89%	2.80	-0.0028	-0.0016	-0.0062	0.0320	0.0014	-0.0002	0.0226
Aluminum	0.6530	7.33	61.26%	11.96	-0.0296	-0.0265	-0.0369	0.0595	0.0022	-0.0001	-0.0314
Alvarado	0.7912	8.86	62.73%	14.12	-0.0214	-0.0165	-0.0526	0.0834	0.0039	-0.0009	-0.0041
Alvera	0.0037	[redacted]			-0.0525	-0.0172	-0.0444	0.0243	0.0029	-0.0002	-0.0871
Amado	0.0000	7.74	64.70%	11.96	-0.0365	-0.0117	-0.0286	0.0306	0.0029	-0.0009	-0.0442
Amanda	0.0001	11.31	69.90%	16.18	0.0000	0.0000	-0.0240	0.0773	0.0113	-0.0041	0.0605
Amar	1.2780	11.71	97.95%	11.96	-0.0332	-0.0239	-0.0521	0.0889	0.0023	-0.0009	-0.0189
Amazon	0.0013	[redacted]			-0.0134	-0.0573	-0.0703	0.0287	0.0016	-0.0025	-0.1132
Amber	0.0000	8.28	69.23%	11.96	-0.0229	-0.0154	-0.0220	0.0115	0.0012	-0.0008	-0.0484
Ambercrest	0.0027	13.09	80.92%	16.18	-0.0366	-0.0126	-0.0398	0.1582	0.0036	-0.0002	0.0726
Amberjack	0.0004	10.04	83.96%	11.96	-0.0594	-0.0025	-0.0201	0.0733	0.0032	-0.0020	-0.0075
Ambersky	0.0000	7.02	43.38%	16.18	-0.0149	-0.0186	-0.0502	0.1616	0.0028	-0.0003	0.0804
Ambrus	1.0796	11.68	72.18%	16.18	-0.0214	-0.0238	-0.0462	0.0513	0.0019	-0.0012	-0.0394
Ambushers	0.0053	8.50	71.11%	11.96	-0.0060	-0.0058	-0.0255	0.0797	0.0018	-0.0006	0.0436
American	0.0066	9.73	81.36%	11.96	-0.0077	-0.0051	-0.0376	0.0342	0.0042	-0.0031	-0.0151
Amestoy	0.0003	1.60	82.06%	1.95	-0.0016	-0.0004	-0.0057	0.0347	0.0016	-0.0008	0.0278
Amethyst	0.0027	8.80	73.59%	11.96	-0.0365	-0.0035	-0.0198	0.0848	0.0024	0.0000	0.0274
Ammo	0.0076	[redacted]			-0.0514	-0.0152	-0.0317	0.0336	0.0030	0.0000	-0.0617
Amos	0.0011	2.73	96.36%	2.84	-0.0118	-0.0003	-0.0059	0.0268	0.0019	0.0000	0.0107
Amtrak	0.0043	[redacted]			-0.0010	-0.0237	-0.0466	0.0094	0.0038	0.0005	-0.0576
Anacapa	0.0000	0.30	12.57%	2.39	-0.0001	-0.0003	-0.0007	0.0100	0.0013	-0.0001	0.0101
Anaconda	0.0029	12.81	79.21%	16.18	-0.0150	-0.0107	-0.0260	0.0362	0.0014	-0.0009	-0.0150
Anahurst	0.0003	2.37	99.38%	2.39	0.0000	0.0000	-0.0043	0.0478	0.0066	-0.0001	0.0500
Anakin	0.0002	[redacted]			-0.0237	-0.0095	-0.0408	0.0519	0.0017	-0.0004	-0.0208
Anawalt	0.0023	10.33	86.43%	11.96	-0.0267	-0.0169	-0.0354	0.0660	0.0024	-0.0011	-0.0117
Anchor	0.0003	1.63	58.06%	2.80	-0.0003	-0.0001	-0.0044	0.0421	0.0022	-0.0006	0.0389
Anchorage	0.0006	[redacted]			0.0000	-0.0006	-0.0027	0.0023	0.0078	0.0000	0.0068
Anderson	0.0046	11.29	94.44%	11.96	-0.0885	-0.0054	-0.0271	0.0472	0.0043	-0.0002	-0.0697
Andes	0.5201	[redacted]			-0.0213	-0.0339	-0.0689	0.0173	0.0018	-0.0004	-0.1054
Andretti	0.0014	[redacted]			-0.0046	-0.0473	-0.0563	0.0210	0.0011	0.0021	-0.0840
Andria	0.0007	9.51	79.56%	11.96	-0.0296	-0.0037	-0.0177	0.0350	0.0025	-0.0004	-0.0139
Andrus	0.0003	1.99	83.24%	2.39	0.0000	0.0000	-0.0058	0.0369	0.0037	-0.0005	0.0343
Angeles	0.0000	7.47	52.89%	14.12	-0.0280	-0.0009	-0.0115	0.0563	0.0020	0.0000	0.0179
Angelina	0.7635	8.98	55.54%	16.18	-0.0082	-0.0507	-0.0663	0.0970	0.0047	-0.0003	-0.0238
Angus	0.0046	9.14	63.18%	14.47	-0.0604	-0.0191	-0.0399	0.0337	0.0017	-0.0009	-0.0849
Ann	0.0011	10.30	86.11%	11.96	-0.0217	-0.0040	-0.0203	0.0763	0.0023	-0.0004	0.0322
Annenberg	0.0036	9.12	76.24%	11.96	-0.0225	-0.0205	-0.0335	0.0244	0.0012	-0.0004	-0.0513
Annette	0.0024	[redacted]			-0.0134	-0.0203	-0.0334	0.0831	0.0017	-0.0003	0.0174
Annika	0.8359	8.88	74.25%	11.96	-0.0310	-0.0443	-0.0605	0.1092	0.0023	-0.0001	-0.0244
Ante	1.4150	7.94	66.38%	11.96	-0.0254	-0.0094	-0.0224	0.0565	0.0137	0.0014	0.0144
Anteater	0.0000	7.93	66.31%	11.96	-0.0049	-0.0252	-0.0694	0.0241	0.0015	-0.0011	-0.0750
Antil	0.0001	1.82	62.21%	2.93	-0.0010	-0.0006	-0.0057	0.0116	0.0012	-0.0006	0.0049
Antique	0.0025	[redacted]			-0.0055	-0.0415	-0.0597	0.0170	0.0008	-0.0010	-0.0899
Antler	0.0020	8.47	70.86%	11.96	-0.0177	-0.0192	-0.0255	0.0494	0.0014	-0.0013	-0.0129
Anton	0.0055	[redacted]			-0.0145	-0.0129	-0.0163	0.1490	0.0048	0.0066	0.1167
Antone	0.6613	7.65	72.45%	10.57	-0.0123	-0.0150	-0.0463	0.0706	0.0029	-0.0009	-0.0010
Antwerp	0.0000	1.51	63.66%	2.36	0.0000	0.0000	-0.0023	0.0284	0.0039	-0.0001	0.0299
Anza	0.0001	1.84	62.96%	2.93	-0.0004	-0.0014	-0.0069	0.0084	0.0014	-0.0007	0.0004

	2025													
Facility	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Abacus	0.0053	9.84	82.32%	11.96	-0.0378	-0.0156	-0.0520	0.1056	0.0060	-0.0022	0.0040	0.0073	9.84	82.33%
Abana	0.0069	8.12	67.91%	11.96	-0.0041	-0.0790	-0.1156	0.0525	0.0041	-0.0009	-0.1430	0.0118	8.08	67.60%
Abbey	0.0008	4.81	46.13%	10.43	-0.0388	-0.0218	-0.0155	0.0202	0.0080	0.0063	-0.0416	0.0011	4.80	46.02%
Abbot	0.0000	10.24	85.61%	11.96	-0.0845	-0.0830	-0.1082	0.1067	0.0049	-0.0003	-0.1644	0.0000	10.19	85.26%
Aberdeen	0.0000	5.28	44.14%	11.96	-0.0183	-0.0155	-0.0295	0.0512	0.0032	-0.0013	-0.0102	0.0000	5.27	44.11%
Abigail	0.0066	8.50	71.10%	11.96	-0.0126	-0.0315	-0.0579	0.0641	0.0038	-0.0016	-0.0357	0.0113	8.50	71.05%
Able	0.0000	2.54	90.60%	2.80	0.0000	0.0000	-0.0101	0.0211	0.0030	-0.0009	0.0131	0.0000	2.54	90.79%
Abraham	0.0000	10.09	62.40%	16.18	-0.0376	-0.0235	-0.0645	0.1238	0.0049	-0.0009	0.0022	0.0000	10.10	62.41%
Abri	0.0000	4.29	37.69%	11.39	-0.0090	-0.0386	-0.0481	0.0405	0.0025	-0.0022	-0.0549	0.0000	4.27	37.51%
Absolut	0.0008	[redacted]			-0.0053	-0.0493	-0.0622	0.0085	0.0017	0.0002	-0.1064	0.0011	[redacted]	
Academy	0.0065	5.13	31.73%	16.18	-0.0150	-0.0229	-0.0618	0.1296	0.0044	-0.0003	0.0340	0.0114	5.15	31.83%
Acadian	0.0000	8.68	72.56%	11.96	-0.0638	-0.0043	-0.0303	0.0226	0.0060	-0.0004	-0.0702	0.0000	8.65	72.36%
Acala	0.0043	7.57	72.55%	10.43	0.0000	0.0000	-0.0466	0.0177	0.0048	-0.0049	-0.0290	0.0053	7.56	72.49%
Accent	0.0001	11.44	95.72%	11.96	-0.1467	-0.0032	-0.0289	0.1186	0.0067	-0.0001	-0.0536	0.0001	11.42	95.47%
Ace	0.0002	[redacted]			0.0000	0.0000	-0.0129	0.0444	0.0066	-0.0020	0.0361	0.0002	[redacted]	
Ackley	0.0023	2.28	95.66%	2.39	-0.0156	0.0000	-0.0067	0.0285	0.0025	0.0000	0.0087	0.0039	2.29	95.85%
Acme	1.1835	[redacted]			-0.0194	-0.0394	-0.0572	0.0378	0.0027	-0.0005	-0.0760	1.2365	[redacted]	
Acorn	0.0024	2.48	84.83%	2.93	-0.0032	-0.0011	-0.0067	0.0449	0.0025	0.0000	0.0364	0.0041	2.50	85.36%
Acosta	0.0022	[redacted]			-0.0250	-0.0098	-0.0382	0.1449	0.0048	-0.0003	0.0764	0.0044	[redacted]	
Acres	0.0000	8.02	76.85%	10.43	-0.0562	-0.0056	-0.0336	0.3259	0.0074	-0.0052	0.2327	0.0000	8.13	77.93%
Acrobat	0.5440	[redacted]			-0.0271	-0.0133	-0.0534	0.0869	0.0038	-0.0021	-0.0052	0.7543	[redacted]	
Ada	0.0003	2.85	97.38%	2.93	-0.0085	-0.0029	-0.0166	0.0336	0.0035	-0.0013	0.0078	0.0005	2.86	97.67%
Adair	0.0011	1.54	52.62%	2.93	-0.0087	-0.0026	-0.0088	0.0425	0.0027	-0.0006	0.0245	0.0019	1.55	52.92%
Adak	0.0034	[redacted]			-0.0108	-0.0166	-0.0308	0.0613	0.0019	-0.0005	0.0045	0.0042	[redacted]	
Addis	0.0000	12.29	87.08%	14.12	-0.0292	-0.0853	-0.1041	0.5118	0.0114	-0.0004	0.3042	0.0000	12.40	87.84%
Adelanto	0.0063	10.25	97.00%	10.57	-0.0767	-0.0133	-0.0451	0.0330	0.0040	-0.0006	-0.0987	0.0087	10.22	96.75%
Adell	0.0043	8.86	74.14%	11.96	-0.0362	-0.0255	-0.0738	0.0596	0.0044	-0.0015	-0.0730	0.0085	8.84	73.96%
Admiral	0.0068	[redacted]			-0.0024	-0.0447	-0.0791	0.0433	0.0028	0.0002	-0.0799	0.0089	[redacted]	
Adobe	0.0027	4.30	30.46%	14.12	-0.0213	-0.0038	-0.0164	0.0545	0.0030	-0.0006	0.0154	0.0033	4.31	30.55%
Adolfo	0.0006	8.30	51.30%	16.18	-0.0075	-0.0674	-0.0895	0.0279	0.0026	-0.0005	-0.1344	0.1623	8.43	52.14%
Afton	0.0002	[redacted]			-0.0053	-0.0285	-0.0497	0.1718	0.0121	-0.0032	0.0972	0.0005	[redacted]	
Agassi	0.0062	6.79	56.76%	11.96	-0.0212	-0.0240	-0.0439	0.0300	0.0043	-0.0003	-0.0551	0.0065	6.77	56.66%
Agate	0.0000	[redacted]			0.0000	0.0000	-0.0601	0.5547	0.0374	-0.0126	0.5194	0.0000	[redacted]	
Agave	0.9747	[redacted]			-0.0531	-0.0474	-0.0897	0.0618	0.0041	-0.0001	-0.1244	1.3322	[redacted]	
Agena	0.0622	7.60	65.12%	11.67	-0.0229	-0.0425	-0.0750	0.0921	0.0038	-0.0007	-0.0452	1.5581	9.18	78.64%
Agnes	0.0000	1.85	82.00%	2.26	0.0000	0.0000	-0.0045	0.0220	0.0095	0.0000	0.0270	0.0000	1.86	82.47%
Agra	0.0046	6.54	54.92%	11.91	-0.0104	-0.0257	-0.0386	0.0275	0.0054	-0.0010	-0.0428	0.0079	6.53	54.84%
Aguanga	0.0000	5.72	47.80%	11.96	-0.0438	-0.0122	-0.0213	0.0153	0.0041	-0.0003	-0.0582	0.0000	5.70	47.65%
Aha	0.0000	2.67	76.89%	3.48	-0.0245	-0.0012	-0.0052	0.0149	0.0023	-0.0003	-0.0140	0.0000	2.67	76.74%
Ahoy	0.0008	[redacted]			-0.0012	-0.0065	-0.0177	0.0311	0.0045	0.0008	0.0110	0.0010	[redacted]	
Aidan	0.0001	11.41	95.41%	11.96	-0.0812	-0.0016	-0.0194	0.1353	0.0056	-0.0043	0.0344	0.0001	11.43	95.61%
Aircraft	0.0008	[redacted]			-0.0012	-0.0054	-0.0066	0.0371	0.0029	0.0002	0.0270	0.0013	[redacted]	
Airport	0.0369	8.37	69.98%	11.96	-0.0231	-0.0280	-0.0600	0.0208	0.0029	-0.0025	-0.0899	0.0722	8.38	70.05%
Ajard	0.0000	5.78	48.38%	11.96	-0.0281	-0.0154	-0.0341	0.1123	0.0048	-0.0003	0.0392	0.0000	5.80	48.49%
Akita	1.2913	9.54	79.75%	11.96	-0.0532	-0.0584	-0.0606	0.0663	0.0034	-0.0020	-0.1045	1.3047	9.53	79.70%
Akron	0.0000	8.72	72.95%	11.96	0.0000	0.0000	-0.0428	0.0909	0.0164	-0.0041	0.0604	0.0000	8.74	73.13%
Alabama	0.0090	9.58	80.14%	11.96	-0.0280	-0.0719	-0.0875	0.0629	0.0030	-0.0024	-0.1239	0.0090	9.54	79.78%
Alamar	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Alameda	0.0000	7.13	59.61%	11.96	-0.0062	-0.0178	-0.0456	0.0414	0.0037	-0.0028	-0.0273	0.0363	7.16	59.85%
Alamo	0.0006	[redacted]			-0.0025	-0.0344	-0.0629	0.0378	0.0020	-0.0003	-0.0603	0.0007	[redacted]	
Alamosa	0.0000	10.26	85.78%	11.96	-0.0315	-0.0243	-0.0657	0.1327	0.0046	-0.0020	0.0138	0.0000	10.25	85.72%
Alaska	1.1579	[redacted]			-0.0210	-0.0684	-0.1136	0.1245	0.0043	-0.0002	-0.0744	1.1702	[redacted]	
Albacore	0.4781	[redacted]			-0.0132	-0.1005	-0.1418	0.0991	0.0042	-0.0019	-0.1541	0.5244	[redacted]	
Albany	1.0830	7.11	54.35%	13.09	-0.0081	-0.0329	-0.0641	0.0621	0.0028	-0.0024	-0.0426	1.1195	7.14	54.55%
Albatross	0.0000	11.45	87.49%	13.09	-0.0098	-0.0748	-0.0904	0.1984	0.0067	-0.0002	0.0299	0.0119	11.52	88.00%
Alberta	0.0008	2.41	82.20%	2.93	-0.0110	-0.0003	-0.0087	0.0233	0.0040	0.0000	0.0073	0.0057	2.42	82.46%
Alburtis	2.1763	9.83	82.25%	11.96	-0.0332	-0.0290	-0.0584	0.0772	0.0044	-0.0010	-0.0400	2.1838	9.83	82.20%
Albury	0.0000	1.10	79.81%	1.37	-0.0067	0.0000	-0.0030	0.0146	0.0028	0.0000	0.0077	0.0000	1.10	80.01%
Alcalde	0.0035	[redacted]			-0.0800	-0.0096	-0.0196	0.0428	0.0029	0.0000	-0.0635	0.0047	[redacted]	
Alcoa	0.0000	9.56	84.62%	11.29	-0.0072	-0.0648	-0.0833	0.0408	0.0027	-0.0035	-0.1153	0.0000	9.52	84.27%
Alden	0.0000	1.56	53.13%	2.93	-0.0042	-0.0003	-0.0063	0.0117	0.0029	0.0000	0.0038	0.0000	1.56	53.19%
Alejo	0.0012	[redacted]			-0.0063	-0.0079	-0.0063	0.0052	0.0008	-0.0009	-0.0154	0.0014	[redacted]	
Alejo	0.0012	[redacted]			-0.0063	-0.0079	-0.0063	0.0052	0.0008	-0.0009	-0.0154	0.0014	[redacted]	
Alexander	0.0000	2.45	83.76%	2.93	-0.0032	0.0000	-0.0087	0.0130	0.0036	-0.0003	0.0044	0.0000	2.46	83.82%
Alfalfa	0.0004	1.56	29.87%	5.22	-0.0133	-0.0015	-0.0050	0.0238	0.0008	-0.0003	0.0045	0.0005	1.56	29.92%
Alfredo	1.5503	10.48	74.25%	14.12	-0.0082	-0.1109	-0.1117	0.0501	0.0034	-0.0151	-0.1924	1.5517	10.42	73.83%
Alicia	0.0005	8.30	69.42%	11.96	-0.0389	-0.0321	-0.0545	0.0490	0.0037	-0.0006	-0.0734	0.0006	8.29	69.30%
Alila	0.0020	[redacted]			-0.0006	-0.0010	-0.0389	0.0070	0.0032	-0.0018	-0.0321	0.0032	[redacted]	
Alla	0.9889	[redacted]			-0.0079	-0.0188	-0.0358	0.1531	0.0050	-0.0018	0.0938	1.1494	[redacted]	
Allegiance	0.0014	[redacted]			-0.0242	-0.0183	-0.0444	0.0258	0.0047	-0.0015	-0.0579	0.0020	[redacted]	
Allegra	0.0024	4.78	65.45%	7.30	-0.0718	-0.0072	-0.0256	0.0273	0.0038	-0.0017	-0.0752	0.0040	4.78	65.43%
Allergan	1.7449	[redacted]			-0.0049	-0.0648	-0.0786	0.0113	0.0019	0.0001	-0.1350	1.7455	[redacted]	
Allison	0.0000	[redacted]			-0.0035	-0.0175	-0.0588	0.0466	0.0051	-0.0046	-0.0327	0.0000	[redacted]	
Alloy	0.0030	5.28	44.14%	11.96	0.0000	0.0000	-0.0463	0.1815	0.0205	-0.0036	0.1521	0.0036	5.33	44.60%
Allred	0.0000	2.49	84.90%	2.93	-0.0327	-0.0005	-0.0080	0.0589	0.0030	0.0000	0.0207	0.0000	2.50	85.37%
Allstate	0.0037	10.44	87.32%	11.96	-0.0093	-0.1023	-0.1230	0.0156	0.0015	-0.0042	-0.2217	0.0044	10.37	86.69%
Alma	0.0000	2.22	93.18%	2.39	-0.0049	0.0000	-0.0070	0.0406	0.0047	-0.0009	0.0325	0.0000	2.24	93.62%
Almansor	1.2409	[redacted]			-0.0058	-0.0498	-0.0940	0.0832	0.0030	-0.0043	-0.0677	1.3445	[redacted]	
Almond	0.0016	10.56	88.36%	11.96	-0.0480	-0.1062	-0.1102	0.1088	0.0066	-0.0030	-0.1520	0.0019	10.56	88.28%
Alondra	0.0000	2.48	88.01%	2.81	-0.0165	-0.0009	-0.0077	0.0329	0.0035	0.0000	0.0113	0.0000	2.48	88.28%
Alora	0.0000	[redacted]			-0.0073	-0.0210	-0.0647	0.0320	0.0049	-0.0004	-0.0565	0.0000	[redacted]	
Alpaca	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Alpha	0.2855	6.28	78.67%	7.98	-0.0130	-0.0237	-0.0456	0.0710	0.0033	-0.0017	-0.0097	0.2875	6.28	78.66%
Alster	0.0000	2.59	88.45%	2.93	-0.0043	-0.0003	-0.0062	0.0398	0.0023	0.0000	0.0313	0.0000	2.60	88.84%
Alstot	0.0018	7.13	68.36%	10.43	-0.0118	-0.0033	-0.0230	0.0575	0.0046	0.0000	0.0240	0.0018	7.14	68.38%
Alta	0.0020	2.73	93.08%	2.93	-0.0027	-0.0003	-0.0073	0.0523	0.0036	-0.0009	0.0447	0.0056	2.74	93.69%
Alterra	1.1851	9.05	75.71%	11.96	-0.0134	-0.0539	-0.0956	0.0854	0.0023	-0.0006	-0.0758	1.2559	9.12	76.29%
Altura	0.0000	2.56	91.43%	2.80	-0.0038	-0.0022	-0.0093	0.0493	0.0027	-0.0003	0.0364	0.0000	2.57	91.80%
Aluminum	0.6534	7.31	61.16%	11.96	-0.0450	-0.0396	-0.0529	0.0903	0.0041	-0.0001	-0.0432	0.9048	7.56	63.27%
Alvarado	0.8865	8.98	63.58%	14.12	-0.0266	-0.0205	-0.0699	0.1289	0.0087	-0.0029	0.0177	0.9521	9.06	64.19%
Alvera	0.0051	[redacted]			-0.0754	-0.0256	-0.0646	0.0374	0.0056	-0.0003	-0.1229	0.0075	[redacted]	
Amado	0.0000	7.72	64.60%	11.96	-0.0487	-0.0162	-0.0417	0.0470	0.0053	-0.0014	-0.0557	0.0000	7.71	64.50%
Amanda	0.0004	11.34	70.13%	16.18	0.0000	0.0000	-0.0344	0.1170	0.0193	-0.0062	0.0957	0.0009	11.40	70.46%
Amar	1.2780	11.71	97.92%	11.96	-0.0497	-0.0358	-0.0771	0.1376	0.0044	-0.0013	-0.0219	1.2780	11.72	98.01%
Amazon	0.0018	[redacted]			-0.0203	-0.0857	-0.1023	0.0508	0.0031	-0.0036	-0.1580	0.4943	[redacted]	
Amber	0.0000	8.26	69.04%	11.96	-0.0331	-0.0232	-0.0325	0.0183	0.0025	-0.0012	-0.0692	0.0000	8.23	68.87%
Ambercrest	0.0031	13.88	85.78%	16.18	-0.0546	-0.0188	-0.0593	0.2409	0.0057	-0.0003	0.1136	0.0031	13.92	86.04%
Amberjack	0.0004	10.06	84.14%	11.96	-0.0718	-0.0031	-0.0298	0.1145	0.0060	-0.0040	0.0118	0.0004	10.08	84.30%
Ambersky	0.0000	7.05	43.56%	16.18	-0.0241	-0.0301	-0.0755	0.2339	0.0045	-0.0004	0.1083	0.0000	7.07	43.72%
Ambrus	1.1666	11.77	72.75%	16.18	-0.0281	-0.0315	-0.0664	0.0828	0.0040	-0.0019	-0.0411	1.2204	11.81	73.02%
Ambushers	0.0076	8.53	71.34%	11.96	-0.0088	-0.0087	-0.0384	0.1183	0.0036	-0.0009	0.0651	0.0101	8.55	71.54%
American	0.0093	9.73	81.34%	11.96	-0.0114	-0.0076	-0.0552	0.0509	0.0081	-0.0048	-0.0200	0.0161	9.73	81.36%
Amestoy	0.0004	1.62	82.79%	1.95	-0.0024	-0.0006	-0.0087	0.0513	0.0031	-0.0012	0.0415	0.0006	1.63	83.46%
Amethyst	0.0031	8.82	73.77%	11.96	-0.0540	-0.0052	-0.0277	0.1275	0.0053	0.0000	0.0459	0.0031	8.84	73.92%
Ammo	0.0109	[redacted]			-0.0741	-0.0226	-0.0491	0.0587	0.0058	0.0000	-0.0813	0.0186	[redacted]	
Amos	0.0016	2.74	96.72%	2.84	-0.0166	-0.0004	-0.0087	0.0413	0.0041	0.0000	0.0197	0.0027	2.75	97.03%
Amtrak	0.0062	[redacted]			-0.0019	-0.0439	-0.0737	0.0130	0.0052	0.0005	-0.1008	0.0521	[redacted]	
Anacapa	0.0000	0.31	12.78%	2.39	-0.0002	-0.0005	-0.0011	0.0152	0.0020	-0.0002	0.0152	0.0000	0.31	13.02%
Anaconda	0.0038	12.82	79.22%	16.18	-0.0205	-0.0149	-0.0372	0.0578	0.0024	-0.0014	-0.0138	0.0047	12.82	79.22%
Anahurst	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Anakin	0.0004	[redacted]			-0.0368	-0.0150	-0.0594	0.0833	0.0031	-0.0006	-0.0254	0.0007	[redacted]	
Anawalt	0.0031	10.33	86.41%	11.96	-0.0394	-0.0254	-0.0535	0.1011	0.0046	-0.0016	-0.0142	0.0044	10.33	86.40%
Anchor	0.0004	1.66	59.35%	2.80	-0.0003	-0.0001	-0.0055	0.0730	0.0068	-0.0007	0.0732	0.0005	1.69	60.50%
Anchorage	0.0009	[redacted]			0.0000	-0.0009	-0.0038	0.0035	0.0120	0.0000	0.0108	0.0016	[redacted]	
Anderson	0.0054	11.27	94.29%	11.96	-0.1202	-0.0074	-0.0417	0.0738	0.0090	-0.0003	-0.0868	0.0054	11.25	94.13%
Andes	0.5598	[redacted]			-0.0310	-0.0505	-0.0998	0.0260	0.0034	-0.0006	-0.1525	0.5856	[redacted]	
Andretti	0.0016	[redacted]			-0.0067	-0.0707	-0.0804	0.0319	0.0015	0.0033	-0.1211	0.0022	[redacted]	
Andria	0.0008	10.23	85.58%	11.96	-0.0436	-0.0056	-0.0273	0.0531	0.0048	-0.0006	-0.0192	0.0008	10.24	85.62%
Andrus	0.0004	2.01	84.21%	2.39	0.0000	0.0000	-0.0079	0.0582	0.0078	-0.0007	0.0574	0.0005	2.02	84.58%
Angeles	0.0000	7.48	52.95%	14.12	-0.0422	-0.0014	-0.0184	0.0852	0.0036	0.0000	0.0268	0.0000	7.48	53.00%
Angelina	0.8183	9.03	55.85%	16.18	-0.0123	-0.0759	-0.0972	0.1490	0.0065	-0.0005	-0.0304	0.8539	9.06	56.03%
Angus	0.0067	9.11	62.95%	14.47	-0.0897	-0.0284	-0.0591	0.0573	0.0039	-0.0010	-0.1170	0.0115	9.08	62.76%
Ann	0.0015	10.31	86.26%	11.96	-0.0327	-0.0061	-0.0310	0.1144	0.0046	-0.0006	0.0486	0.0026	10.33	86.40%
Annenberg	0.0049	9.10	76.07%	11.96	-0.0328	-0.0306	-0.0487	0.0391	0.0026	-0.0006	-0.0710	0.0773	9.15	76.56%
Annette	0.0032	[redacted]			-0.0201	-0.0304	-0.0471	0.1226	0.0034	-0.0004	0.0280	0.0040	[redacted]	
Annika	0.8361	8.89	74.38%	11.96	-0.0426	-0.0605	-0.0871	0.1764	0.0043	-0.0002	-0.0097	0.8363	8.90	74.47%
Ante	1.4150	7.97	66.63%	11.96	-0.0314	-0.0116	-0.0296	0.0844	0.0266	0.0029	0.0413	1.4150	7.95	66.53%
Anteater	0.0003	7.91	66.12%	11.96	-0.0059	-0.0303	-0.0982	0.0372	0.0032	-0.0022	-0.0962	0.0009	7.88	65.94%
Antil	0.0003	1.83	62.31%	2.93	-0.0015	-0.0009	-0.0086	0.0172	0.0024	-0.0009	0.0077	0.0006	1.83	62.42%
Antique	0.0036	[redacted]			-0.0081	-0.0620	-0.0860	0.0256	0.0015	-0.0015	-0.1305	0.0043	[redacted]	
Antler	0.0028	8.47	70.83%	11.96	-0.0262	-0.0289	-0.0375	0.0753	0.0026	-0.0019	-0.0166	0.0240	8.49	70.99%
Anton	0.0081	[redacted]			-0.0203	-0.0178	-0.0240	0.2352	0.0077	0.0095	0.1903	0.0116	[redacted]	
Antone	0.7101	7.71	72.99%	10.57	-0.0185	-0.0224	-0.0664	0.1060	0.0058	-0.0013	0.0032	0.7416	9.48	89.69%
Antwerp	0.0000	1.52	64.48%	2.36	0.0000	0.0000	-0.0032	0.0449	0.0072	-0.0001	0.0488	0.0000	1.53	64.90%
Anza	0.0002	1.84	62.94%	2.93	-0.0008	-0.0029	-0.0108	0.0126	0.0026	-0.0010	-0.0003	0.0004	1.85	63.05%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0507	-0.0210	-0.0679	0.1363	0.0098	-0.0029	0.0036	0.0138	9.85	82.36%	11.96	-0.0647	-0.0266	-0.0834	0.1640	0.0149	-0.0036	0.0006	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0054	-0.1058	-0.1467	0.0697	0.0062	-0.0012	-0.1832	0.0241	8.05	67.32%	11.96	-0.0067	-0.1363	-0.1756	0.0844	0.0085	-0.0014	-0.2271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0510	-0.0294	-0.0199	0.0270	0.0112	0.0088	-0.0533	0.0018	4.79	45.91%	10.43	-0.0625	-0.0374	-0.0241	0.0337	0.0145	0.0114	-0.0644	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1099	-0.1063	-0.1414	0.1461	0.0088	-0.0004	-0.2031	0.0000	10.13	84.74%	11.96	-0.1487	-0.1396	-0.1676	0.1797	0.0149	-0.0005	-0.2618	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0251	-0.0209	-0.0382	0.0669	0.0053	-0.0017	-0.0137	0.0000	5.27	44.07%	11.96	-0.0330	-0.0266	-0.0459	0.0817	0.0084	-0.0021	-0.0175	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0167	-0.0425	-0.0744	0.0840	0.0061	-0.0023	-0.0458	0.0228	8.50	71.08%	11.96	-0.0207	-0.0540	-0.0892	0.1026	0.0103	-0.0028	-0.0538	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0134	0.0273	0.0053	-0.0012	0.0180	0.0000	2.55	91.01%	2.80	0.0000	0.0000	-0.0165	0.0339	0.0079	-0.0015	0.0238	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0500	-0.0317	-0.0835	0.1617	0.0081	-0.0012	0.0034	0.0000	10.10	62.41%	16.18	-0.0624	-0.0403	-0.1020	0.1973	0.0125	-0.0015	0.0036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.39	-0.0121	-0.0524	-0.0628	0.0522	0.0040	-0.0028	-0.0739	0.0000	4.25	37.35%	11.39	-0.0154	-0.0668	-0.0773	0.0653	0.0061	-0.0034	-0.0915	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0067	-0.0655	-0.0799	0.0113	0.0018	0.0003	-0.1387	0.0021	[redacted]			-0.0080	-0.0826	-0.0962	0.0140	0.0019	0.0004	-0.1705	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0197	-0.0309	-0.0829	0.1693	0.0071	-0.0004	0.0425	0.0239	5.17	31.96%	16.18	-0.0242	-0.0393	-0.1026	0.2066	0.0098	-0.0005	0.0498	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0848	-0.0058	-0.0397	0.0292	0.0099	-0.0006	-0.0918	0.0000	8.62	72.06%	11.96	-0.1165	-0.0082	-0.0485	0.0345	0.0144	-0.0007	-0.1250	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	0.0000	0.0000	-0.0606	0.0243	0.0071	-0.0068	-0.0360	0.0072	7.56	72.45%	10.43	0.0000	0.0000	-0.0724	0.0305	0.0093	-0.0088	-0.0414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2023	-0.0043	-0.0379	0.1531	0.0110	-0.0001	-0.0805	0.0001	11.38	95.17%	11.96	-0.2621	-0.0055	-0.0466	0.1842	0.0168	-0.0001	-0.1133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0158	0.0625	0.0100	-0.0023	0.0544	0.0002	[redacted]			0.0000	0.0000	-0.0186	0.0796	0.0134	-0.0026	0.0718	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0218	0.0000	-0.0090	0.0374	0.0045	0.0000	0.0111	0.0080	2.29	96.10%	2.39	-0.0291	0.0000	-0.0112	0.0458	0.0070	0.0000	0.0125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0245	-0.0504	-0.0741	0.0508	0.0047	-0.0007	-0.0942	1.2365	[redacted]			-0.0311	-0.0662	-0.0914	0.0619	0.0077	-0.0008	-0.1199	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0041	-0.0014	-0.0088	0.0590	0.0041	0.0000	0.0488	0.0084	2.52	85.95%	2.93	-0.0050	-0.0017	-0.0108	0.0717	0.0062	0.0000	0.0604	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0329	-0.0132	-0.0484	0.1873	0.0084	-0.0004	0.1008	0.0103	[redacted]			-0.0408	-0.0168	-0.0579	0.2256	0.0130	-0.0005	0.1226	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0573	-0.0057	-0.0430	0.4406	0.0141	-0.0103	0.3384	0.0000	8.18	78.42%	10.43	-0.0902	-0.0088	-0.0519	0.5280	0.0206	-0.0104	0.3873	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0370	-0.0180	-0.0701	0.1166	0.0061	-0.0027	-0.0051	0.8055	[redacted]			-0.0480	-0.0229	-0.0864	0.1442	0.0090	-0.0034	-0.0075	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0085	-0.0029	-0.0203	0.0430	0.0062	-0.0018	0.0157	0.0010	2.87	97.98%	2.93	-0.0085	-0.0029	-0.0237	0.0520	0.0093	-0.0023	0.0239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0120	-0.0035	-0.0117	0.0549	0.0048	-0.0008	0.0317	0.0037	1.56	53.20%	2.93	-0.0157	-0.0044	-0.0143	0.0661	0.0069	-0.0010	0.0376	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0119	-0.0182	-0.0402	0.0860	0.0037	-0.0010	0.0184	0.0059	[redacted]			-0.0131	-0.0199	-0.0490	0.1080	0.0056	-0.0016	0.0300	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0393	-0.1145	-0.1385	0.6797	0.0180	-0.0008	0.4046	0.0000	12.50	88.51%	14.12	-0.0502	-0.1448	-0.1720	0.8376	0.0247	-0.0014	0.4939	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1004	-0.0172	-0.0586	0.0454	0.0069	-0.0008	-0.1247	0.0165	10.20	96.52%	10.57	-0.1279	-0.0213	-0.0719	0.0570	0.0105	-0.0010	-0.1546	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0492	-0.0344	-0.0948	0.0769	0.0072	-0.0019	-0.0962	0.0190	8.81	73.70%	11.96	-0.0701	-0.0488	-0.1156	0.0905	0.0110	-0.0022	-0.1352	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0032	-0.0603	-0.1005	0.0569	0.0041	0.0003	-0.1027	0.0133	[redacted]			-0.0039	-0.0768	-0.1244	0.0712	0.0061	0.0004	-0.1274	0.82	1.30	1.53	1.56	1.53	[redacted]				
14.12	-0.0267	-0.0047	-0.0218	0.0744	0.0056	-0.0008	0.0260	0.0045	4.32	30.62%	14.12	-0.0329	-0.0056	-0.0268	0.0925	0.0082	-0.0010	0.0344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0097	-0.0884	-0.1123	0.0383	0.0040	-0.0007	-0.1688	0.8516	9.12	56.39%	16.18	-0.0122	-0.1147	-0.1350	0.0469	0.0061	-0.0008	-0.2097	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0054	-0.0294	-0.0632	0.2247	0.0199	-0.0045	0.1421	0.0016	[redacted]			-0.0055	-0.0303	-0.0771	0.2723	0.0290	-0.0061	0.1823	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0267	-0.0312	-0.0571	0.0410	0.0070	-0.0004	-0.0674	0.0065	6.76	56.56%	11.96	-0.0321	-0.0388	-0.0694	0.0513	0.0103	-0.0004	-0.0791	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0785	0.7188	0.0548	-0.0173	0.6778	0.0000	[redacted]			0.0000	0.0000	-0.0948	0.8568	0.0750	-0.0230	0.8140	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0629	-0.0578	-0.1175	0.0842	0.0072	-0.0002	-0.1470	1.3421	[redacted]			-0.0719	-0.0688	-0.1434	0.1045	0.0106	-0.0003	-0.1693	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.67	-0.0286	-0.0537	-0.0986	0.1230	0.0070	-0.0009	-0.0518	3.5402	9.78	83.73%	11.67	-0.0342	-0.0654	-0.1207	0.1511	0.0102	-0.0011	-0.0601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0058	0.0293	0.0136	0.0000	0.0371	0.0000	1.87	82.92%	2.26	0.0000	0.0000	-0.0071	0.0363	0.0178	0.0000	0.0470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0144	-0.0348	-0.0509	0.0367	0.0091	-0.0013	-0.0556	0.0158	6.53	54.79%	11.91	-0.0189	-0.0444	-0.0623	0.0457	0.0125	-0.0016	-0.0690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0574	-0.0165	-0.0277	0.0212	0.0063	-0.0004	-0.0745	0.0000	5.68	47.51%	11.96	-0.0705	-0.0209	-0.0339	0.0269	0.0091	-0.0005	-0.0898	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.48	-0.0333	-0.0017	-0.0068	0.0193	0.0040	-0.0004	-0.0189	0.0000	2.67	76.62%	3.48	-0.0417	-0.0022	-0.0084	0.0235	0.0061	-0.0005	-0.0232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0065	-0.0201	0.0570	0.0046	0.0009	0.0347	0.0014	[redacted]			-0.0012	-0.0065	-0.0225	0.0823	0.0046	0.0010	0.0577	0.45	0.45	0.45	0.54	0.54	[redacted]				
11.96	-0.0963	-0.0019	-0.0255	0.1785	0.0091	-0.0065	0.0574	0.0001	11.45	95.79%	11.96	-0.1114	-0.0022	-0.0314	0.2168	0.0138	-0.0090	0.0766	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0014	-0.0065	-0.0086	0.0538	0.0043	0.0001	0.0417	0.0027	[redacted]			-0.0018	-0.0084	-0.0106	0.0680	0.0062	0.0002	0.0536	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0308	-0.0382	-0.0773	0.0280	0.0046	-0.0036	-0.1173	0.1529	8.43	70.54%	11.96	-0.0388	-0.0488	-0.0943	0.0351	0.0070	-0.0047	-0.1445	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0379	-0.0208	-0.0443	0.1474	0.0072	-0.0004	0.0512	0.0000	5.81	48.58%	11.96	-0.0481	-0.0264	-0.0541	0.1805	0.0104	-0.0005	0.0618	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0666	-0.0734	-0.0784	0.0907	0.0054	-0.0022	-0.1245	1.3058	9.51	79.51%	11.96	-0.0804	-0.0890	-0.0956	0.1137	0.0080	-0.0024	-0.1457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0552	0.1192	0.0212	-0.0057	0.0795	0.0000	8.77	73.35%	11.96	0.0000	0.0000	-0.0660	0.1455	0.0314	-0.0070	0.1039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0381	-0.1010	-0.1110	0.0847	0.0048	-0.0033	-0.1639	0.0090	9.51	79.56%	11.96	-0.0436	-0.1175	-0.1351	0.1060	0.0075	-0.0047	-0.1874	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0084	-0.0240	-0.0602	0.0547	0.0064	-0.0037	-0.0352	0.1815	7.30	61.04%	11.96	-0.0109	-0.0305	-0.0738	0.0670	0.0091	-0.0046	-0.0437	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0030	-0.0419	-0.0796	0.0515	0.0032	-0.0005	-0.0703	0.0010	[redacted]			-0.0032	-0.0454	-0.0981	0.0651	0.0049	-0.0010	-0.0777	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0458	-0.0352	-0.0851	0.1685	0.0072	-0.0025	0.0071	0.0000	10.26	85.81%	11.96	-0.0562	-0.0426	-0.1007	0.2064	0.0123	-0.0029	0.0163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0282	-0.0922	-0.1493	0.1626	0.0076	-0.0003	-0.0998	1.1708	[redacted]			-0.0357	-0.1173	-0.1827	0.2062	0.0103	-0.0003	-0.1195	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0175	-0.1356	-0.1856	0.1291	0.0063	-0.0021	-0.2054	0.6959	[redacted]			-0.0220	-0.1724	-0.2287	0.1613	0.0086	-0.0024	-0.2556	0.00	0.00	0.00	0.00	0.00	[redacted]				
13.09	-0.0107	-0.0426	-0.0843	0.0815	0.0049	-0.0032	-0.0544	1.2652	7.28	55.62%	13.09	-0.0137	-0.0527	-0.1033	0.0990	0.0069	-0.0040	-0.0678	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0117	-0.0900	-0.1164	0.2906	0.0112	-0.0015	0.0822	0.0635	11.59	88.57%	13.09	-0.0149	-0.1162	-0.1427	0.3593	0.0173	-0.0008	0.1020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0155	-0.0004	-0.0116	0.0300	0.0069	0.0000	0.0094	0.0262	2.44	83.24%	2.93	-0.0209	-0.0005	-0.0143	0.0363	0.0098	0.0000	0.0104	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0462	-0.0391	-0.0772	0.1025	0.0079	-0.0013	-0.0534	2.2026	9.83	82.22%	11.96	-0.0614	-0.0497	-0.0946	0.1265	0.0114	-0.0016	-0.0694	0.08	0.13	0.13	0.13	0.13	0.99%	1.34%	1.34%	1.34%	1.34%
1.37	-0.0094	0.0000	-0.0039	0.0191	0.0046	0.0000	0.0104	0.0000	1.10	80.23%	1.37	-0.0127	0.0000	-0.0047	0.0233	0.0073	0.0000	0.0132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1073	-0.0132	-0.0255	0.0556	0.0053	0.0000	-0.0851	0.0076	[redacted]			-0.1340	-0.0170	-0.0312	0.0680	0.0079	0.0000	-0.1063	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.29	-0.0099	-0.0885	-0.1090	0.0540	0.0046	-0.0044	-0.1532	0.0000	9.48	83.91%	11.29	-0.0127	-0.1133	-0.1331	0.0671	0.0063	-0.0053	-0.1910	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0059	-0.0004	-0.0082	0.0151	0.0048	0.0000	0.0054	0.0000	1.56	53.24%	2.93	-0.0080	-0.0005	-0.0100	0.0182	0.0072	0.0000	0.0069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0082	-0.0107	-0.0085	0.0068	0.0017	-0.0011	-0.0200	0.0023	[redacted]			-0.0099	-0.0135	-0.0103	0.0083	0.0026	-0.0014	-0.0242	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0082	-0.0107	-0.0085	0.0068	0.0017	-0.0011	-0.0200	0.0023	[redacted]			-0.0099	-0.0135	-0.0103	0.0083	0.0026	-0.0014	-0.0242	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0044	0.0000	-0.0114	0.0167	0.0057	-0.0005	0.0061	0.0000	2.46	83.90%	2.93	-0.0058	0.0000	-0.0140	0.0200	0.0086	-0.0007	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	-0.0169	-0.0019	-0.0065	0.0318	0.0013	-0.0004	0.0074	0.0007	1.56	29.98%	5.22	-0.0204	-0.0023	-0.0080	0.0391	0.0020	-0.0005	0.0099	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0108	-0.1498	-0.1434	0.0673	0.0053	-0.0206	-0.2520	1.5543	10.36	73.41%	14.12	-0.0132	-0.1902	-0.1740	0.0842	0.0078	-0.0261	-0.3115	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0477	-0.0394	-0.0707	0.0667	0.0066	-0.0015	-0.0860	0.0008	8.27	69.17%	11.96	-0.0574	-0.0470	-0.0867	0.0826	0.0104	-0.0024	-0.1005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0013	-0.0493	0.0093	0.0043	-0.0025	-0.0403	0.0052	[redacted]			-0.0010	-0.0017	-0.0591	0.0114	0.0058	-0.0033	-0.0479	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0106	-0.0254	-0.0480	0.1980	0.0074	-0.0024	0.1190	1.1494	[redacted]			-0.0135	-0.0323	-0.0600	0.2386	0.0096	-0.0030	0.1394	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0335	-0.0253	-0.0584	0.0334	0.0080	-0.0018	-0.0776	0.0038	[redacted]			-0.0438	-0.0326	-0.0714	0.0406	0.0117	-0.0021	-0.0976	0.00	0.00	0.00	0.00	0.00	[redacted]				
7.30	-0.0772	-0.0078	-0.0340	0.0384	0.0063	-0.0031	-0.0774	0.0078	4.78	65.45%	7.30	-0.0824	-0.0085	-0.0422	0.0484	0.0094	-0.0046	-0.0799	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0066	-0.0876	-0.0985	0.0147	0.0019	0.0001	-0.1760	1.7468	[redacted]			-0.0082	-0.1118	-0.1219	0.0181	0.0019	0.0001	-0.2218	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0046	-0.0236	-0.0768	0.0622	0.0072	-0.0061	-0.0417	0.0000	[redacted]			-0.0057	-0.0300	-0.0938	0.0770	0.0093	-0.0075	-0.0507	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	0.0000	0.0000	-0.0593	0.2374	0.0296	-0.0046	0.2031	0.0048	5.43	45.43%	11.96	0.0000	0.0000	-0.0667	0.3187	0.0484	-0.0047	0.2957	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0406	-0.0006	-0.0105	0.0803	0.0051	0.0000	0.0337	0.0000	2.50	85.48%	2.93	-0.0553	-0.0008	-0.0125	0.0973	0.0082	0.0000	0.0369	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0125	-0.1438	-0.1574	0.0221	0.0022	-0.0052	-0.2946	0.0066	10.29	86.07%	11.96	-0.0154	-0.1872	-0.1914	0.0287	0.0032	-0.0062	-0.3683	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0069	0.0000	-0.0094	0.0522	0.0078	-0.0013	0.0424	0.0000	2.24	93.99%	2.39	-0.0093	0.0000	-0.0116	0.0625	0.0110	-0.0019	0.0507	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0074	-0.0644	-0.1214	0.1096	0.0048	-0.0059	-0.0847	1.3458	[redacted]			-0.0089	-0.0797	-0.1491	0.1335	0.0073	-0.0070	-0.1039	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0557	-0.1243	-0.1456	0.1564	0.0125	-0.0046	-0.1613	0.0026	10.54	88.18%	11.96	-0.0632	-0.1431	-0.1788	0.1997	0.0184	-0.0062	-0.1732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.81	-0.0205	-0.0011	-0.0101	0.0442	0.0059	0.0000	0.0184	0.0000	2.49	88.52%	2.81	-0.0252	-0.0013	-0.0123	0.0547	0.0090	0.0000	0.0249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0087	-0.0247	-0.0844	0.0425	0.0076	-0.0005	-0.0682	0.0000	[redacted]			-0.0104	-0.0286	-0.1032	0.0523	0.0107	-0.0006	-0.0798	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.98	-0.0170	-0.0320	-0.0596	0.0928	0.0057	-0.0023	-0.0124	0.2947	6.28	78.71%	7.98	-0.0211	-0.0406	-0.0733	0.1133	0.0087	-0.0029	-0.0159	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0057	-0.0004	-0.0083	0.0520	0.0042	0.0000	0.0418	0.0000	2.61	89.21%	2.93	-0.0070	-0.0005	-0.0103	0.0635	0.0061	0.0000	0.0518	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0177	-0.0051	-0.0300	0.0715	0.0072	0.0000	0.0259	0.0018	7.14	68.46%	10.43	-0.0215	-0.0063	-0.0369	0.0865	0.0112	0.0000	0.0330	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0037	-0.0004	-0.0099	0.0672	0.0056	-0.0013	0.0575	0.0186	2.77	94.60%	2.93	-0.0049	-0.0005	-0.0123	0.0805	0.0077	-0.0017	0.0688	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0174	-0.0717	-0.1230	0.1264	0.0037	-0.0009	-0.0829	1.5495	9.43	78.83%	11.96	-0.0221	-0.0935	-0.1501	0.1620	0.0054	-0.0011	-0.0994	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0053	-0.0032	-0.0124	0.0624	0.0046	-0.0004	0.0457	0.0000	2.58	92.14%	2.80	-0.0068	-0.0043	-0.0152	0.0747	0.0065	-0.0005	0.0544	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0613	-0.0534	-0.0686	0.1194	0.0070	-0.0001	-0.0570	1.6161	8.30	69.44%	11.96	-0.0788	-0.0679	-0.0826	0.1478	0.0099	-0.0001	-0.0717	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0322	-0.0247	-0.0872	0.1692	0.0157	-0.0050	0.0358	0.9521	9.08	64.28%	14.12	-0.0381	-0.0291	-0.1054	0.2049	0.0234	-0.0074	0.0483	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0978	-0.0345	-0.0836	0.0501	0.0093	-0.0004	-0.1569	0.0132	[redacted]			-0.1226	-0.0454	-0.1015	0.0609	0.0139	-0.0004	-0.1951	0.11	1.20	1.20	1.20	1.09	[redacted]				
11.96	-0.0605	-0.0209	-0.0542	0.0616	0.0088	-0.0019	-0.0671	0.0000	7.70	64.40%	11.96	-0.0716	-0.0258	-0.0664	0.0748	0.0132	-0.0024	-0.0782	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	0.0000	0.0000	-0.0438	0.1725	0.0261	-0.0075	0.1473	0.0018	12.36	76.41%	16.18	0.0000	0.0000	-0.0528	0.2258	0.0337	-0.0089	0.1978	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0615	-0.0440	-0.0992	0.1866	0.0076	-0.0016	-0.0121	1.2780	11.73	98.07%	11.96	-0.0748	-0.0526	-0.1202	0.2319	0.0117	-0.0019	-0.0059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0278	-0.1157	-0.1340	0.0754	0.0053	-0.0048	-0.2016	2.4623	[redacted]			-0.0361	-0.1472	-0.1628	0.1005	0.0073	-0.0060	-0.2443	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0429	-0.0313	-0.0423	0.0251	0.0046	-0.0016	-0.0884	0.0000	8.22	68.71%	11.96	-0.0522	-0.0397	-0.0520	0.0319	0.0072	-0.0020	-0.1068	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0738	-0.0254	-0.0771	0.3189	0.0093	-0.0003	0.1516	0.0031	13.96	86.27%	16.18	-0.0936	-0.0323	-0.0933	0.3928	0.0125	-0.0004	0.1857	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0840	-0.0037	-0.0388	0.1508	0.0104	-0.0059	0.0288	0.0004	10.10	84.43%	11.96	-0.0957	-0.0044	-0.0476	0.1829	0.0163	-0.0081	0.0434	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0337	-0.0422	-0.0993	0.3008	0.0072	-0.0005	0.1323	0.0000	7.09	43.84%	16.18	-0.0439	-0.0550	-0.1226	0.3637	0.0099	-0.0006	0.1515	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0390	-0.0439	-0.0857	0.1102	0.0064	-0.0024	-0.0544	1.2204	11.82	73.05%	16.18	-0.0419	-0.0471	-0.1042	0.1388	0.0097	-0.0045	-0.0492	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0115	-0.0117	-0.0497	0.1528	0.0058	-0.0012	0.0845	0.0150	8.58	71.74%	11.96	-0.0142	-0.0149	-0.0609	0.1840	0.0087	-0.0015	0.1012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0153	-0.0102	-0.0711	0.0658	0.0122	-0.0065	-0.0251	0.0325	9.74	81.45%	11.96	-0.0195	-0.0130	-0.0866	0.0791	0.0175	-0.0084	-0.0309	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.95	-0.0032	-0.0008	-0.0116	0.0659	0.0052	-0.0016	0.0539	0.0011	1.64	84.08%	1.95	-0.0040	-0.0010	-0.0143	0.0790	0.0073	-0.0021	0.0649	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0725	-0.0070	-0.0349	0.1669	0.0100	0.0000	0.0625	0.0031	8.85	74.04%	11.96	-0.0927	-0.0089	-0.0419	0.2039	0.0153	0.0000	0.0757	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0960	-0.0305	-0.0623	0.0821	0.0104	0.0000	-0.0963	0.0380	[redacted]			-0.1166	-0.0389	-0.0745	0.1051	0.0170	0.0000	-0.1079	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.84	-0.0223	-0.0005	-0.0114	0.0542	0.0069	0.0000	0.0269	0.0055	2.76	97.36%	2.84	-0.0291	-0.0006	-0.0138	0.0659	0.0106	0.0000	0.0330	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0654	-0.0989	0.0164	0.0053	0.0005	-0.1449	0.2336	[redacted]			-0.0036	-0.0882	-0.1228	0.0198	0.0054	0.0005	-0.1889	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0002	-0.0005	-0.0014	0.0202	0.0031	-0.0003	0.0209	0.0000	0.32	13.22%	2.39	-0.0002	-0.0005	-0.0017	0.0247	0.0040	-0.0004	0.0259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0265	-0.0192	-0.0481	0.0773	0.0039	-0.0019	-0.0145	0.0064	12.81	79.22%	16.18	-0.0331	-0.0237	-0.0588	0.0950	0.0059	-0.0024	-0.0171	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0506	-0.0208	-0.0772	0.1166	0.0053	-0.0008	-0.0275	0.0009	[redacted]			-0.0654	-0.0270	-0.0947	0.1492	0.0082	-0.0010	-0.0307	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0529	-0.0343	-0.0693	0.1345	0.0076	-0.0021	-0.0165	0.0075	10.34	86.49%	11.96	-0.0625	-0.0404	-0.0846	0.1680	0.0119	-0.0027	-0.0103	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0003	-0.0001	-0.0065	0.0998	0.0117	-0.0008	0.1038	0.0007	1.74	61.98%	2.80	-0.0003	-0.0001	-0.0075	0.1353	0.0165	-0.0009	0.1430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0012	-0.0049	0.0046	0.0122	0.0000	0.0107	0.0032	[redacted]			0.0000	-0.0015	-0.0060	0.0057	0.0121	0.0000	0.0103	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1541	-0.0095	-0.0546	0.0985	0.0149	-0.0004	-0.1052	0.0054	11.21	93.76%	11.96	-0.2094	-0.0131	-0.0664	0.1218	0.0213	-0.0003	-0.1461	0.22	0.46	0.46	0.43	0.39	1.98%	4.25%	4.25%	3.97%	3.60%
[redacted]	-0.0424	-0.0710	-0.1279	0.0330	0.0055	-0.0007	-0.2035	0.5856	[redacted]			-0.0541	-0.0926	-0.1558	0.0398	0.0080	-0.0008	-0.2555	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0087	-0.0955	-0.1020	0.0423	0.0018	0.0046	-0.1575	0.0042	[redacted]			-0.0105	-0.1216	-0.1224	0.0525	0.0022	0.0057	-0.1941	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0534	-0.0069	-0.0349	0.0722	0.0090	-0.0008	-0.0148	0.0008	10.24	85.65%	11.96	-0.0642	-0.0082	-0.0421	0.0895	0.0144	-0.0010	-0.0116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0112	0.0681	0.0102	-0.0010	0.0661	0.0007	2.03	85.16%	2.39	0.0000	0.0000	-0.0142	0.0824	0.0129	-0.0013	0.0798	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0582	-0.0019	-0.0244	0.1121	0.0053	0.0000	0.0329	0.0000	8.08	57.24%	14.12	-0.0767	-0.0024	-0.0301	0.1374	0.0076	0.0000	0.0358	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0167	-0.1025	-0.1261	0.1981	0.0092	-0.0007	-0.0387	0.8539	9.05	55.96%	16.18	-0.0214	-0.1306	-0.1542	0.2460	0.0122	-0.0009	-0.0489	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.47	-0.1211	-0.0383	-0.0761	0.0831	0.0064	-0.0011	-0.1471	0.0235	9.06	62.62%	14.47	-0.1537	-0.0487	-0.0920	0.1085	0.0096	-0.0012	-0.1775	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0450	-0.0082	-0.0404	0.1491	0.0076	-0.0008	0.0623	0.0050	10.33	86.42%	11.96	-0.0668	-0.0115	-0.0493	0.1793	0.0114	-0.0008	0.0623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0424	-0.0412	-0.0628	0.0541	0.0043	-0.0008	-0.0888	0.4028	9.48	79.30%	11.96	-0.0512	-0.0524	-0.0748	0.0672	0.0067	-0.0010	-0.1055	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0267	-0.0411	-0.0608	0.1578	0.0059	-0.0010	0.0341	0.0056	[redacted]			-0.0351	-0.0558	-0.0735	0.1912	0.0086	-0.0011	0.0343	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0544	-0.0775	-0.1141	0.2385	0.0078	-0.0003	0.0000	0.8367	8.90	74.45%	11.96	-0.0708	-0.1017	-0.1354	0.2914	0.0132	-0.0003	-0.0036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0514	-0.0189	-0.0431	0.1119	0.0299	0.0028	0.0312	1.4150	7.94	66.42%	11.96	-0.0726	-0.0265	-0.0560	0.1377	0.0343	0.0027	0.0196	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0069	-0.0357	-0.1265	0.0488	0.0054	-0.0033	-0.1182	0.0032	7.86	65.74%	11.96	-0.0079	-0.0414	-0.1552	0.0591	0.0078	-0.0045	-0.1421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0020	-0.0012	-0.0112	0.0221	0.0039	-0.0012	0.0104	0.0014	1.83	62.54%	2.93	-0.0025	-0.0015	-0.0138	0.0264	0.0059	-0.0016	0.0129	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0108	-0.0871	-0.1100	0.0325	0.0022	-0.0019	-0.1751	0.0065	[redacted]			-0.0133	-0.1135	-0.1336	0.0393	0.0032	-0.0023	-0.2202	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0349	-0.0390	-0.0490	0.0999	0.0045	-0.0026	-0.0211	0.1120	8.58	71.75%	11.96	-0.0441	-0.0496	-0.0600	0.1239	0.0072	-0.0032	-0.0258	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0259	-0.0230	-0.0305	0.3227	0.0103	0.0124	0.2660	0.0193	[redacted]			-0.0312	-0.0286	-0.0367	0.4103	0.0129	0.0157	0.3424	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0246	-0.0302	-0.0857	0.1385	0.0099	-0.0017	0.0062	0.7416	9.48	89.70%	10.57	-0.0304	-0.0384	-0.1051	0.1681	0.0144	-0.0021	0.0065	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.36	0.0000	0.0000	-0.0047	0.0536	0.0096	-0.0002	0.0583	0.0000	1.55	65.39%	2.36	0.0000	0.0000	-0.0061	0.0635	0.0123	-0.0003	0.0694	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0008	-0.0029	-0.0134	0.0164	0.0046	-0.0012	0.0027	0.0008	1.85	63.18%	2.93	-0.0008	-0.0029	-0.0158	0.0199	0.0069	-0.0015	0.0058	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Anzac		0.0001	2.29	153.72%	1.49	0.0000	0.0000	-0.0013	0.0128	0.0023	0.0000	0.0138
Anzar		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apache		0.0001	[redacted]			-0.0031	-0.0191	-0.0137	0.0054	0.0006	-0.0004	-0.0303
Apartment		0.0004	8.35	69.87%	11.96	-0.0203	-0.0056	-0.0138	0.0174	0.0003	-0.0001	-0.0221
Apex		3.5711	[redacted]			-0.0011	-0.0150	-0.0201	0.0022	0.0003	-0.0002	-0.0339
Appalousa		0.9925	7.42	62.05%	11.96	-0.0614	-0.0046	-0.0123	0.0507	0.0021	-0.0002	-0.0257
Appian		0.0000	2.30	96.22%	2.39	0.0000	0.0000	-0.0016	0.0190	0.0044	-0.0002	0.0216
Apple		0.0001	9.22	77.10%	11.96	-0.0118	-0.0010	-0.0076	0.0324	0.0010	-0.0002	0.0128
Appleton		0.0004	12.44	76.92%	16.18	-0.0100	-0.0167	-0.0290	0.0433	0.0019	-0.0002	-0.0107
Apricot		0.0002	12.72	88.99%	14.29	-0.0022	-0.0194	-0.0393	0.0544	0.0030	-0.0007	-0.0042
Aquifer		0.0001	[redacted]			-0.0081	-0.0224	-0.0226	0.0049	0.0004	-0.0001	-0.0479
Arabia		0.0000	10.08	84.33%	11.96	-0.0144	-0.0018	-0.0097	0.0587	0.0011	-0.0002	0.0337
Arapaho		0.9681	6.44	61.72%	10.43	-0.0267	-0.0019	-0.0061	0.0072	0.0014	0.0000	-0.0261
Arboles		0.0000	12.89	79.67%	16.18	-0.0186	-0.0103	-0.0243	0.0371	0.0007	-0.0004	-0.0158
Arboretum		0.0000	7.39	45.68%	16.18	-0.0105	-0.0024	-0.0080	0.0423	0.0005	-0.0003	0.0216
Arborvitae		0.0000	2.64	94.14%	2.80	-0.0011	-0.0007	-0.0044	0.0216	0.0007	-0.0007	0.0154
Archie		0.1700	[redacted]			-0.2129	-0.0095	-0.0710	0.0983	0.0028	-0.0010	-0.1933
Arcturus	GNA_2023_32	0.0000	2.81	186.90%	1.50	-0.0048	-0.0003	-0.0043	0.0324	0.0007	0.0000	0.0237
Arden		0.0000	2.19	97.09%	2.26	-0.0007	-0.0007	-0.0038	0.0077	0.0006	-0.0004	0.0027
Ardis		0.0000	2.47	84.28%	2.93	0.0000	0.0000	-0.0021	0.0138	0.0010	-0.0002	0.0125
Ardmore		0.0000	6.52	58.21%	11.21	-0.0027	-0.0123	-0.0255	0.0235	0.0020	-0.0014	-0.0164
Arenas		0.0000	2.25	67.89%	3.32	-0.0001	0.0000	-0.0021	0.0047	0.0004	-0.0006	0.0023
Arenas		0.0000	2.25	67.89%	3.32	-0.0001	0.0000	-0.0021	0.0047	0.0004	-0.0006	0.0023
Argo		0.0000	8.01	67.01%	11.96	-0.0107	-0.0058	-0.0130	0.0194	0.0006	-0.0001	-0.0096
Argonaut		0.0004	10.51	87.90%	11.96	-0.0595	-0.0027	-0.0093	0.0371	0.0021	-0.0002	-0.0325
Argonne		0.0000	7.37	76.18%	9.67	-0.0033	-0.0134	-0.0192	0.0582	0.0037	-0.0004	0.0256
Ariel		0.0000	7.94	66.42%	11.96	-0.0116	-0.0006	-0.0057	0.0178	0.0010	0.0000	0.0009
Aries		0.1981	[redacted]			-0.0040	-0.0305	-0.0354	0.0151	0.0002	0.0000	-0.0546
Arlene		0.8217	[redacted]			-0.0062	-0.0020	-0.0142	0.0609	0.0009	-0.0024	0.0370
Arlington		0.2275	10.73	89.71%	11.96	-0.0445	-0.0144	-0.0248	0.0331	0.0006	-0.0005	-0.0505
Arliss		0.0003	[redacted]			-0.0102	-0.0072	-0.0211	0.0168	0.0008	-0.0001	-0.0210
Armada		0.2447	7.96	66.54%	11.96	-0.0110	-0.0016	-0.0082	0.0444	0.0015	-0.0019	0.0232
Armijo		0.0283	[redacted]			-0.0263	-0.0039	-0.0031	0.0088	0.0017	0.0001	-0.0227
Armour		0.0000	1.58	80.87%	1.95	0.0000	0.0000	-0.0011	0.0151	0.0027	-0.0006	0.0161
Armstrong		0.0001	11.67	97.61%	11.96	-0.0100	-0.0037	-0.0150	0.0397	0.0022	-0.0012	0.0120
Arneill	GNA_2023_77	0.0002	[redacted]			-0.0036	-0.0093	-0.0158	0.0270	0.0009	-0.0013	-0.0021
Arnett		0.0002	4.38	36.63%	11.96	-0.0038	-0.0027	-0.0082	0.0202	0.0012	-0.0003	0.0064
Arnez		0.0002	10.58	88.45%	11.96	-0.0199	-0.0068	-0.0169	0.0168	0.0003	-0.0001	-0.0266
Arnold		0.0000	8.47	70.85%	11.96	0.0000	0.0000	-0.0112	0.1593	0.0028	-0.0025	0.1484
Arrington		0.0000	1.19	52.07%	2.29	-0.0044	0.0000	-0.0009	0.0103	0.0005	0.0000	0.0055
Arsenic	GNA_2023_161	0.4874	[redacted]			-0.0074	-0.0419	-0.0460	0.0159	0.0003	-0.0001	-0.0792
Artisano		5.1815	[redacted]			-0.0005	-0.0030	-0.0224	0.0321	0.0008	-0.0004	0.0066
Artist		0.0001	8.14	78.00%	10.43	-0.0159	-0.0054	-0.0203	0.1136	0.0024	-0.0006	0.0738
Aruba	GNA_2023_43	0.7595	7.16	59.85%	11.96	-0.0085	-0.0153	-0.0296	0.0247	0.0004	-0.0001	-0.0284
Arvana		0.0000	7.92	62.59%	12.65	0.0000	0.0000	-0.0145	0.0965	0.0064	-0.0029	0.0855
Ash		0.0001	2.63	89.75%	2.93	-0.0053	-0.0023	-0.0057	0.0137	0.0007	-0.0006	0.0005
Ashberry		0.2668	10.83	90.60%	11.96	-0.0167	-0.0007	-0.0115	0.0282	0.0010	0.0000	0.0003
Ashford		0.0002	7.37	61.63%	11.96	-0.0115	-0.0013	-0.0061	0.0250	0.0010	-0.0001	0.0070
Ashland		0.0324	1.05	37.10%	2.84	0.0000	0.0000	-0.0005	0.0270	0.0031	-0.0002	0.0294
Ashley		0.0000	0.71	47.75%	1.49	-0.0004	0.0000	-0.0007	0.0090	0.0008	-0.0002	0.0085
Ashmont		0.0000	2.42	86.38%	2.80	-0.0007	0.0000	-0.0015	0.0101	0.0006	-0.0001	0.0084
Aspen		2.0176	10.96	88.74%	12.35	-0.0053	-0.0451	-0.0587	0.0430	0.0032	-0.0004	-0.0633
Assembly		0.4479	10.94	91.51%	11.96	-0.0057	-0.0205	-0.0273	0.0055	0.0002	-0.0013	-0.0491
Asteroid		0.2642	15.68	96.92%	16.18	-0.0147	-0.0200	-0.0364	0.0713	0.0009	-0.0003	0.0008
Aston		0.4565	[redacted]			-0.0051	-0.0161	-0.0247	0.0430	0.0007	-0.0005	-0.0027
Astor		0.0000	9.41	89.11%	10.57	-0.0181	-0.0086	-0.0181	0.0089	0.0009	-0.0004	-0.0354
Astoria		0.6174	10.41	87.04%	11.96	-0.0233	-0.0102	-0.0187	0.0255	0.0006	-0.0004	-0.0265
Astrology		0.6203	[redacted]			-0.0032	-0.0209	-0.0285	0.0097	0.0001	-0.0003	-0.0431
Atento	GNA_2023_336	0.3501	11.52	96.31%	11.96	-0.0580	-0.0049	-0.0171	0.0905	0.0010	-0.0001	0.0114
Athel		0.0002	9.44	78.99%	11.96	-0.0135	-0.0120	-0.0206	0.0070	0.0005	-0.0002	-0.0388
Athena		0.0001	[redacted]			0.0000	0.0000	-0.0030	0.0117	0.0041	-0.0001	0.0127
Atherton		0.2872	7.64	73.22%	10.43	-0.0082	-0.0132	-0.0241	0.0235	0.0004	-0.0001	-0.0217
Atlanta		0.3547	[redacted]			0.0000	0.0000	-0.0082	0.0688	0.0013	-0.0001	0.0618
Atlantic	GNA_2023_46	1.6971	13.71	105.43%	13.00	-0.0161	-0.0128	-0.0342	0.0551	0.0026	-0.0014	-0.0068
Atlas		0.1325	10.82	90.46%	11.96	-0.0152	-0.0143	-0.0286	0.0253	0.0008	-0.0006	-0.0326
Atmore		0.4270	11.83	99.31%	11.91	-0.0153	-0.0191	-0.0447	0.0395	0.0022	-0.0014	-0.0388
Atrium		0.0000	[redacted]			-0.0048	-0.0123	-0.0272	0.0219	0.0004	0.0000	-0.0220
Attica		0.0001	[redacted]			-0.0006	-0.0136	-0.0277	0.0393	0.0008	0.0000	-0.0018
Auburn		0.3292	8.41	55.84%	15.06	-0.0038	-0.0216	-0.0307	0.0275	0.0007	0.0002	-0.0277
Audubon		0.0001	[redacted]			-0.0149	-0.0203	-0.0211	0.0363	0.0006	-0.0003	-0.0197
Augusta		0.0000	9.24	77.26%	11.96	-0.0122	-0.0196	-0.0327	0.0315	0.0007	-0.0002	-0.0325
Aurora		0.0003	9.50	79.43%	11.96	-0.0226	-0.0052	-0.0145	0.0065	0.0021	0.0000	-0.0337
Austin		0.0000	[redacted]			-0.0020	-0.0052	-0.0360	0.0270	0.0011	-0.0015	-0.0166
Autry		-0.0001	10.17	85.10%	11.96	-0.0324	-0.0097	-0.0165	0.0179	0.0010	-0.0005	-0.0402
Autumn		0.8909	8.30	69.45%	11.96	0.0000	0.0000	-0.0080	0.0078	0.0078	-0.0020	0.0056
Avalanche		0.0003	10.58	88.47%	11.96	0.0000	0.0000	-0.0076	0.1057	0.0034	-0.0002	0.1013
Avanti		0.0004	10.14	84.77%	11.96	-0.0223	-0.0080	-0.0265	0.0245	0.0012	-0.0002	-0.0313
Avco		0.0000	[redacted]			-0.0031	-0.0194	-0.0297	0.0097	0.0004	0.0002	-0.0419
Avenger		0.3999	8.35	69.87%	11.96	-0.0228	-0.0032	-0.0106	0.0214	0.0012	-0.0002	-0.0142
Avenida		0.0003	11.02	92.19%	11.96	-0.0096	-0.0013	-0.0098	0.0688	0.0010	-0.0001	0.0490
Aventura		0.1990	10.35	99.22%	10.43	-0.0257	-0.0089	-0.0250	0.0048	0.0014	-0.0013	-0.0547
Avery		0.0004	10.15	102.39%	9.91	-0.0111	-0.0063	-0.0205	0.0387	0.0013	-0.0007	0.0014
Aviator		0.0000	9.48	79.32%	11.96	-0.0398	-0.0123	-0.0188	0.0122	0.0010	-0.0001	-0.0578
Avon	GNA_2023_105	0.0000	1.99	83.55%	2.39	-0.0032	-0.0004	-0.0021	0.0093	0.0007	-0.0001	0.0042
Axel		0.0000	[redacted]			-0.0079	-0.0097	-0.0187	0.0174	0.0008	-0.0004	-0.0185
Ayala		0.0000	[redacted]			-0.0004	-0.0232	-0.0281	0.0004	0.0024	0.0000	-0.0489
Azalia	GNA_2023_281	0.0000	1.83	98.76%	1.85	0.0000	0.0000	-0.0013	0.0309	0.0043	-0.0003	0.0336
Azores		0.0000	9.46	79.12%	11.96	-0.0079	-0.0130	-0.0170	0.0129	0.0015	0.0003	-0.0232
Aztec		0.0000	10.52	87.99%	11.96	-0.0133	-0.0075	-0.0160	0.0098	0.0003	-0.0001	-0.0268
Azure		0.0000	1.23	44.06%	2.80	0.0000	0.0000	-0.0013	0.0232	0.0054	-0.0002	0.0271
Baber		0.0003	10.56	88.31%	11.96	-0.0141	-0.0183	-0.0332	0.0259	0.0010	-0.0013	-0.0400
Babylon		0.0000	8.14	68.12%	11.96	-0.0149	-0.0012	-0.0074	0.0230	0.0011	-0.0001	0.0005
Bacardi	GNA_2023_187	0.0000	11.21	93.78%	11.96	-0.0163	-0.0181	-0.0288	0.0089	0.0008	-0.0003	-0.0538
Bach		0.0000	5.21	44.34%	11.74	-0.0058	-0.0123	-0.0218	0.0434	0.0007	-0.0004	0.0038
Bachelor		0.0002	[redacted]			-0.0023	-0.0060	-0.0415	0.0502	0.0010	-0.0025	-0.0011
Backdraft		0.0001	[redacted]			-0.0054	-0.0333	-0.0516	0.0132	0.0002	-0.0008	-0.0777
Bacon		0.0001	2.96	101.06%	2.93	-0.0049	-0.0001	-0.0030	0.0117	0.0008	0.0000	0.0045
Bacway		0.0002	[redacted]			-0.0065	-0.0130	-0.0159	0.0073	0.0009	-0.0001	-0.0273
Bada		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Badger		0.0002	8.88	74.25%	11.96	-0.0229	-0.0082	-0.0167	0.0199	0.0009	-0.0002	-0.0272
Badwater		0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0018	0.0001	0.0000	0.0008
Bahama		0.0002	7.05	58.96%	11.96	-0.0123	-0.0034	-0.0088	0.0308	0.0006	-0.0002	0.0067
Baja		0.0000	7.47	62.49%	11.96	-0.0148	-0.0045	-0.0153	0.0603	0.0009	-0.0001	0.0265
Balboa		0.0001	8.34	69.74%	11.96	-0.0082	-0.0074	-0.0277	0.1187	0.0018	-0.0004	0.0768
Balcom		0.0003	9.27	82.12%	11.29	-0.0283	-0.0102	-0.0217	0.0197	0.0007	-0.0003	-0.0401
Baldwin		0.0004	15.71	97.11%	16.18	-0.0143	-0.0079	-0.0193	0.0866	0.0003	-0.0012	0.0442
Baldy		0.0001	2.66	98.41%	2.71	-0.0008	-0.0002	-0.0025	0.0070	0.0007	-0.0003	0.0039
Ball		0.4002	[redacted]			-0.0154	-0.0306	-0.0221	0.0092	0.0008	0.0007	-0.0574
Ballard	GNA_2023_203	0.0001	11.18	119.64%	9.35	-0.0105	-0.0209	-0.0315	0.0197	0.0006	-0.0008	-0.0434
Ballast		0.0000	10.56	72.55%	14.56	-0.0081	-0.0034	-0.0075	0.0251	0.0006	0.0001	0.0068
Ballona		0.0001	6.82	48.34%	14.12	-0.0012	-0.0143	-0.0203	0.0142	0.0002	-0.0003	-0.0217
Balloon		0.0000	11.73	98.10%	11.96	-0.0613	-0.0122	-0.0184	0.0352	0.0011	-0.0001	-0.0557
Ballzak		0.0002	[redacted]			-0.0040	-0.0165	-0.0403	0.0269	0.0006	-0.0006	-0.0339
Balsam		0.3364	10.35	86.60%	11.96	-0.0157	-0.0193	-0.0365	0.0179	0.0013	-0.0013	-0.0536
Bamboo		0.0000	[redacted]			-0.0057	-0.0236	-0.0159	0.0098	0.0034	0.0012	-0.0308
Banana		0.0000	11.26	94.15%	11.96	-0.0164	-0.0113	-0.0248	0.0233	0.0008	-0.0002	-0.0286
Bancroft		0.0000	[redacted]			-0.0006	-0.0239	-0.0335	0.0115	0.0010	0.0005	-0.0450
Bandag	GNA_2023_76	0.0002	[redacted]			-0.0009	-0.0314	-0.0291	0.0034	0.0043	0.0000	-0.0537
Bandana		0.0004	10.12	84.63%	11.96	-0.0165	-0.0210	-0.0332	0.0138	0.0008	-0.0007	-0.0568
Bandera		0.0001	9.80	81.96%	11.96	-0.0089	-0.0154	-0.0234	0.0217	0.0008	-0.0011	-0.0263
Bandit		0.0003	10.13	84.75%	11.96	-0.0095	-0.0028	-0.0121	0.0559	0.0009	-0.0001	0.0323
Banjo		0.0000	[redacted]			-0.0141	-0.0089	-0.0167	0.0438	0.0006	-0.0001	0.0046
Banner		0.0000	8.78	83.10%	10.57	-0.0038	-0.0045	-0.0131	0.0197	0.0005	-0.0007	-0.0019
Banshee		0.0000	0.65	44.08%	1.47	-0.0009	-0.0001	-0.0004	0.0011	0.0001	0.0000	-0.0002
Banyan		0.0000	7.81	65.28%	11.96	-0.0078	-0.0077	-0.0140	0.0150	0.0009	-0.0001	-0.0137
Barbados	GNA_2023_45	0.7397	10.45	87.42%	11.96	-0.0300	-0.0062	-0.0142	0.0410	0.0007	-0.0002	-0.0089
Barbara		0.0003	[redacted]			-0.0030	-0.0164	-0.0215	0.0168	0.0007	-0.0002	-0.0236
Barbee		0.0000	4.77	39.86%	11.96	-0.0104	-0.0066	-0.0104	0.0056	0.0007	-0.0003	-0.0214
Barbossa	GNA_2023_93	1.3041	11.58	96.82%	11.96	-0.0063	-0.0097	-0.0197	0.0185	0.0007	-0.0006	-0.0171
Barcelona		0.2289	8.46	70.76%	11.96	-0.0303	-0.0037	-0.0112	0.0462	0.0006	-0.0001	0.0015
Bard		0.0001	1.88	77.08%	2.44	0.0000	0.0000	-0.0018	0.0160	0.0056	-0.0001	0.0197
Bardeen		0.0000	8.20	68.57%	11.96	-0.0039	-0.0086	-0.0301	0.0236	0.0005	-0.0002	-0.0187
Bardo		0.0003	9.98	83.44%	11.96	-0.0153	-0.0030	-0.0113	0.0393	0.0009	-0.0005	0.0101
Barge		0.0001	2.29	81.80%	2.80	-0.0004	-0.0003	-0.0041	0.0288	0.0008	-0.0003	0.0245
Barilla		0.0000	9.04	75.64%	11.96	-0.0090	-0.0041	-0.0146	0.0454	0.0014	-0.0002	0.0189

	2024										
Facility	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Anzac	0.0008	2.30	154.76%	1.49	0.0000	0.0000	-0.0026	0.0260	0.0047	0.0000	0.0281
Anzar	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apache	0.9449	[redacted]			-0.0065	-0.0376	-0.0261	0.0112	0.0018	-0.0007	-0.0579
Apartment	0.0033	8.34	69.75%	11.96	-0.0386	-0.0104	-0.0271	0.0358	0.0020	-0.0001	-0.0384
Apex	3.7208	[redacted]			-0.0021	-0.0275	-0.0371	0.0052	0.0011	-0.0004	-0.0608
Appalousa	2.3503	8.95	74.83%	11.96	-0.0940	-0.0071	-0.0260	0.1186	0.0046	-0.0004	-0.0043
Appian	0.0000	2.32	97.20%	2.39	0.0000	0.0000	-0.0034	0.0387	0.0090	-0.0006	0.0437
Apple	0.0016	9.24	77.26%	11.96	-0.0209	-0.0020	-0.0166	0.0662	0.0024	-0.0004	0.0287
Appleton	0.0066	12.45	76.94%	16.18	-0.0182	-0.0315	-0.0565	0.0895	0.0034	-0.0005	-0.0138
Apricot	0.0016	12.71	88.93%	14.29	-0.0058	-0.0453	-0.0742	0.1056	0.0074	-0.0012	-0.0135
Aquifer	0.0034	[redacted]			-0.0159	-0.0411	-0.0449	0.0114	0.0010	-0.0007	-0.0902
Arabia	0.0002	10.13	84.69%	11.96	-0.0277	-0.0034	-0.0211	0.1217	0.0029	-0.0004	0.0720
Arapaho	2.1102	7.67	73.48%	10.43	-0.0496	-0.0035	-0.0134	0.0152	0.0029	0.0000	-0.0484
Arboles	0.7670	13.71	84.77%	16.18	-0.0336	-0.0192	-0.0462	0.0771	0.0020	-0.0008	-0.0207
Arboretum	0.0000	10.70	66.12%	16.18	-0.0189	-0.0045	-0.0161	0.0877	0.0014	-0.0006	0.0490
Arborvitae	0.0002	2.66	95.06%	2.80	-0.0011	-0.0007	-0.0065	0.0447	0.0045	-0.0011	0.0398
Archie	0.2268	[redacted]			-0.4042	-0.0166	-0.1316	0.2133	0.0078	-0.0056	-0.3369
Arcturus	0.0000	2.45	83.64%	2.93	-0.0087	-0.0005	-0.0084	0.0669	0.0031	0.0000	0.0524
Arden	0.0000	2.20	97.27%	2.26	-0.0013	-0.0013	-0.0072	0.0157	0.0016	-0.0009	0.0066
Ardis	0.0001	2.48	84.71%	2.93	0.0000	0.0000	-0.0046	0.0277	0.0026	-0.0014	0.0243
Ardmore	0.0000	6.50	58.03%	11.21	-0.0065	-0.0295	-0.0479	0.0450	0.0050	-0.0024	-0.0363
Arenas	0.0000	2.26	67.98%	3.32	-0.0002	0.0000	-0.0038	0.0096	0.0009	-0.0011	0.0054
Arenas	0.0000	2.26	67.98%	3.32	-0.0002	0.0000	-0.0038	0.0096	0.0009	-0.0011	0.0054
Argo	0.0000	8.01	66.98%	11.96	-0.0190	-0.0109	-0.0241	0.0400	0.0014	-0.0002	-0.0128
Argonaut	0.0984	10.60	88.64%	11.96	-0.1050	-0.0051	-0.0205	0.0764	0.0042	-0.0004	-0.0504
Argonne	0.0000	7.40	76.52%	9.67	-0.0061	-0.0259	-0.0355	0.1203	0.0060	-0.0009	0.0579
Ariel	0.0000	7.95	66.53%	11.96	-0.0164	-0.0009	-0.0116	0.0392	0.0025	-0.0008	0.0120
Aries	0.2019	[redacted]			-0.0080	-0.0560	-0.0624	0.0315	0.0005	0.0000	-0.0944
Arlene	1.6460	[redacted]			-0.0107	-0.0037	-0.0289	0.1243	0.0021	-0.0044	0.0787
Arlington	0.4903	10.99	91.93%	11.96	-0.0755	-0.0253	-0.0472	0.0764	0.0021	-0.0012	-0.0707
Arliss	0.0017	[redacted]			-0.0182	-0.0132	-0.0398	0.0342	0.0020	-0.0002	-0.0352
Armada	0.5351	8.30	69.39%	11.96	-0.0203	-0.0029	-0.0162	0.0904	0.0037	-0.0036	0.0511
Armijo	0.0429	[redacted]			-0.0505	-0.0071	-0.0067	0.0185	0.0032	0.0002	-0.0424
Armour	0.0000	1.60	81.72%	1.95	0.0000	0.0000	-0.0023	0.0307	0.0047	-0.0010	0.0321
Armstrong	0.0005	11.69	97.76%	11.96	-0.0182	-0.0073	-0.0305	0.0811	0.0053	-0.0022	0.0282
Arneill	0.0024	[redacted]			-0.0068	-0.0174	-0.0333	0.0581	0.0020	-0.0026	0.0000
Arnett	0.0035	4.39	36.74%	11.96	-0.0069	-0.0051	-0.0157	0.0415	0.0030	-0.0006	0.0162
Arnez	0.0041	8.54	71.40%	11.96	-0.0380	-0.0125	-0.0328	0.0353	0.0020	-0.0001	-0.0461
Arnold	0.0000	8.64	72.25%	11.96	0.0000	0.0000	-0.0209	0.3238	0.0066	-0.0047	0.3048
Arrington	0.0000	1.20	52.46%	2.29	-0.0076	0.0000	-0.0019	0.0221	0.0012	0.0000	0.0138
Arsenic	1.5123	[redacted]			-0.0149	-0.0771	-0.0793	0.0332	0.0006	-0.0003	-0.1378
Artisano	5.1815	[redacted]			-0.0010	-0.0055	-0.0402	0.0653	0.0021	-0.0010	0.0197
Artist	0.3331	8.58	82.22%	10.43	-0.0296	-0.0103	-0.0392	0.2323	0.0047	-0.0013	0.1566
Aruba	0.7595	7.14	59.71%	11.96	-0.0160	-0.0284	-0.0523	0.0509	0.0013	-0.0002	-0.0447
Arvana	0.0000	7.95	62.87%	12.65	-0.0077	-0.0149	-0.0338	0.1692	0.0092	-0.0030	0.1190
Ash	0.0005	2.63	89.85%	2.93	-0.0098	-0.0045	-0.0116	0.0279	0.0018	-0.0011	0.0027
Ashberry	0.5727	11.18	93.46%	11.96	-0.0287	-0.0013	-0.0222	0.0576	0.0021	-0.0001	0.0074
Ashford	0.0031	7.39	61.85%	11.96	-0.0172	-0.0020	-0.0130	0.0580	0.0026	-0.0002	0.0282
Ashland	0.0423	1.10	38.60%	2.84	0.0000	0.0000	-0.0010	0.0550	0.0062	-0.0006	0.0596
Ashley	0.0000	0.76	51.26%	1.49	-0.0007	0.0000	-0.0016	0.0183	0.0019	-0.0003	0.0176
Ashmont	0.0000	2.43	86.65%	2.80	-0.0021	0.0000	-0.0033	0.0193	0.0014	-0.0001	0.0152
Aspen	2.5513	11.69	94.61%	12.35	-0.0100	-0.0842	-0.1038	0.0909	0.0057	-0.0009	-0.1023
Assembly	0.5563	11.02	92.13%	11.96	-0.0103	-0.0382	-0.0507	0.0128	0.0006	-0.0029	-0.0887
Asteroid	0.2668	15.70	97.03%	16.18	-0.0263	-0.0377	-0.0697	0.1478	0.0027	-0.0024	0.0144
Aston	0.4579	[redacted]			-0.0094	-0.0294	-0.0466	0.0952	0.0018	-0.0010	0.0106
Astor	0.0000	9.39	88.92%	10.57	-0.0273	-0.0136	-0.0346	0.0207	0.0023	-0.0011	-0.0536
Astoria	1.2825	11.11	92.88%	11.96	-0.0426	-0.0188	-0.0357	0.0525	0.0016	-0.0007	-0.0437
Astrology	0.7706	[redacted]			-0.0063	-0.0385	-0.0497	0.0202	0.0005	-0.0005	-0.0743
Atento	1.0432	8.84	73.97%	11.96	-0.1082	-0.0091	-0.0341	0.1876	0.0029	-0.0004	0.0387
Athel	0.0036	9.41	78.74%	11.96	-0.0247	-0.0225	-0.0384	0.0144	0.0017	-0.0004	-0.0699
Athena	0.0015	[redacted]			-0.0004	-0.0022	-0.0060	0.0191	0.0088	0.0001	0.0194
Atherton	0.2887	7.63	73.12%	10.43	-0.0147	-0.0247	-0.0434	0.0490	0.0013	-0.0001	-0.0326
Atlanta	0.9274	[redacted]			-0.0124	-0.0088	-0.0196	0.1150	0.0021	-0.0001	0.0762
Atlantic	4.8453	16.96	104.83%	16.18	-0.0366	-0.0305	-0.0663	0.1128	0.0064	-0.0025	-0.0167
Atlas	0.1385	10.80	90.31%	11.96	-0.0268	-0.0266	-0.0551	0.0523	0.0021	-0.0011	-0.0552
Atmore	1.8270	11.45	96.12%	11.91	-0.0283	-0.0358	-0.0793	0.0819	0.0038	-0.0028	-0.0605
Atrium	0.0000	[redacted]			-0.0092	-0.0225	-0.0476	0.0451	0.0010	0.0000	-0.0332
Attica	0.0013	[redacted]			-0.0012	-0.0247	-0.0459	0.0840	0.0016	0.0001	0.0139
Auburn	0.4282	8.50	56.48%	15.06	-0.0071	-0.0402	-0.0522	0.0600	0.0041	0.0001	-0.0353
Audubon	0.0012	[redacted]			-0.0279	-0.0374	-0.0417	0.0780	0.0019	-0.0006	-0.0277
Augusta	0.0000	9.21	77.07%	11.96	-0.0221	-0.0363	-0.0613	0.0649	0.0018	-0.0004	-0.0534
Aurora	0.0042	9.48	79.25%	11.96	-0.0401	-0.0097	-0.0287	0.0148	0.0055	0.0001	-0.0581
Austin	0.0000	[redacted]			-0.0039	-0.0098	-0.0613	0.0549	0.0025	-0.0032	-0.0208
Autry	-0.0004	10.16	84.99%	11.96	-0.0487	-0.0151	-0.0324	0.0422	0.0033	-0.0011	-0.0518
Autumn	1.0523	8.49	71.02%	11.96	0.0000	0.0000	-0.0146	0.0164	0.0159	-0.0029	0.0148
Avalanche	0.0048	10.70	89.50%	11.96	0.0000	0.0000	-0.0151	0.2165	0.0083	-0.0003	0.2094
Avanti	0.8326	13.06	109.21%	11.96	-0.0395	-0.0146	-0.0495	0.0575	0.0027	-0.0005	-0.0439
Avco	0.0000	[redacted]			-0.0067	-0.0375	-0.0545	0.0187	0.0010	0.0003	-0.0787
Avenger	0.8835	8.88	74.30%	11.96	-0.0326	-0.0045	-0.0208	0.0471	0.0029	-0.0017	-0.0096
Avenida	0.0051	11.09	92.73%	11.96	-0.0172	-0.0024	-0.0208	0.1411	0.0024	-0.0002	0.1029
Aventura	0.1990	10.31	98.78%	10.43	-0.0461	-0.0168	-0.0466	0.0103	0.0037	-0.0025	-0.0980
Avery	0.0038	9.89	99.78%	9.91	-0.0195	-0.0119	-0.0406	0.0796	0.0033	-0.0013	0.0096
Aviator	0.0000	9.44	78.99%	11.96	-0.0687	-0.0209	-0.0350	0.0283	0.0025	-0.0003	-0.0941
Avon	0.0000	2.00	83.80%	2.39	-0.0057	-0.0008	-0.0043	0.0190	0.0017	-0.0002	0.0097
Axel	0.0002	[redacted]			-0.0141	-0.0179	-0.0325	0.0359	0.0017	-0.0008	-0.0277
Ayala	0.0000	[redacted]			-0.0008	-0.0420	-0.0490	0.0008	0.0058	0.0000	-0.0852
Azalia	0.0007	1.02	55.11%	1.85	0.0000	0.0000	-0.0028	0.0629	0.0091	-0.0008	0.0684
Azores	0.0000	9.44	78.98%	11.96	-0.0142	-0.0236	-0.0329	0.0266	0.0036	0.0011	-0.0394
Aztec	0.0000	10.50	87.81%	11.96	-0.0258	-0.0139	-0.0319	0.0220	0.0020	-0.0002	-0.0478
Azure	0.0000	1.26	45.10%	2.80	0.0000	0.0000	-0.0026	0.0473	0.0104	-0.0006	0.0545
Baber	0.0049	10.54	88.14%	11.96	-0.0255	-0.0347	-0.0575	0.0537	0.0021	-0.0025	-0.0644
Babylon	0.0000	8.16	68.25%	11.96	-0.0211	-0.0017	-0.0149	0.0502	0.0029	-0.0010	0.0144
Bacardi	0.0000	11.17	93.41%	11.96	-0.0293	-0.0335	-0.0546	0.0186	0.0025	-0.0006	-0.0969
Bach	0.0000	5.22	44.49%	11.74	-0.0105	-0.0227	-0.0408	0.0938	0.0015	-0.0009	0.0204
Bachelor	0.0033	[redacted]			-0.0066	-0.0176	-0.0759	0.0961	0.0023	-0.0034	-0.0051
Backdraft	0.0017	[redacted]			-0.0105	-0.0615	-0.0920	0.0291	0.0010	-0.0014	-0.1353
Bacon	0.0015	2.97	101.33%	2.93	-0.0086	-0.0002	-0.0063	0.0239	0.0020	0.0000	0.0108
Bacway	0.0029	[redacted]			-0.0093	-0.0184	-0.0308	0.0192	0.0019	-0.0003	-0.0377
Bada	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Badger	0.0021	8.85	74.04%	11.96	-0.0433	-0.0165	-0.0318	0.0376	0.0020	-0.0003	-0.0523
Badwater	0.0000	[redacted]			0.0000	0.0000	-0.0021	0.0037	0.0002	-0.0001	0.0017
Bahama	0.0040	7.07	59.09%	11.96	-0.0232	-0.0064	-0.0176	0.0637	0.0022	-0.0004	0.0183
Baja	0.0000	7.51	62.81%	11.96	-0.0270	-0.0084	-0.0276	0.1230	0.0021	-0.0002	0.0619
Balboa	0.0001	8.43	70.53%	11.96	-0.0159	-0.0138	-0.0515	0.2422	0.0043	-0.0009	0.1644
Balcom	0.0044	9.24	81.78%	11.29	-0.0565	-0.0204	-0.0406	0.0364	0.0023	-0.0004	-0.0792
Baldwin	0.0058	14.51	89.68%	16.18	-0.0252	-0.0150	-0.0380	0.1800	0.0020	-0.0022	0.1016
Baldy	0.0021	2.67	98.66%	2.71	-0.0015	-0.0004	-0.0054	0.0142	0.0016	-0.0006	0.0079
Ball	0.5140	[redacted]			-0.0305	-0.0554	-0.0427	0.0191	0.0018	0.0021	-0.1056
Ballard	0.0019	11.15	119.31%	9.35	-0.0188	-0.0389	-0.0568	0.0408	0.0016	-0.0015	-0.0736
Ballast	0.9535	11.56	79.41%	14.56	-0.0145	-0.0066	-0.0148	0.0525	0.0016	0.0002	0.0184
Ballona	0.0025	6.81	48.27%	14.12	-0.0024	-0.0265	-0.0368	0.0324	0.0006	-0.0005	-0.0332
Balloon	0.0000	11.72	98.03%	11.96	-0.0935	-0.0193	-0.0350	0.0818	0.0034	-0.0005	-0.0631
Ballzak	0.0030	[redacted]			-0.0073	-0.0303	-0.0757	0.0549	0.0015	-0.0012	-0.0581
Balsam	0.4368	10.42	87.17%	11.96	-0.0289	-0.0365	-0.0649	0.0381	0.0030	-0.0025	-0.0917
Bamboo	0.0000	[redacted]			-0.0111	-0.0432	-0.0287	0.0213	0.0072	0.0019	-0.0526
Banana	0.0004	11.24	93.99%	11.96	-0.0290	-0.0208	-0.0471	0.0482	0.0021	-0.0003	-0.0469
Bancroft	0.0000	[redacted]			-0.0013	-0.0436	-0.0626	0.0237	0.0025	0.0011	-0.0802
Bandag	0.0033	[redacted]			-0.0018	-0.0569	-0.0545	0.0070	0.0087	0.0001	-0.0974
Bandana	0.0066	10.08	84.29%	11.96	-0.0317	-0.0388	-0.0617	0.0299	0.0025	-0.0013	-0.1011
Bandera	0.0014	9.78	81.82%	11.96	-0.0161	-0.0290	-0.0455	0.0472	0.0021	-0.0021	-0.0434
Bandit	0.0043	10.20	85.30%	11.96	-0.0148	-0.0044	-0.0254	0.1303	0.0024	-0.0002	0.0879
Banjo	0.0000	[redacted]			-0.0301	-0.0194	-0.0291	0.0828	0.0026	-0.0001	0.0067
Banner	1.2079	8.03	75.96%	10.57	-0.0069	-0.0086	-0.0249	0.0402	0.0017	-0.0013	0.0002
Banshee	0.0000	0.65	44.08%	1.47	-0.0017	-0.0002	-0.0008	0.0023	0.0002	0.0000	-0.0002
Banyan	0.0000	7.80	65.21%	11.96	-0.0140	-0.0146	-0.0261	0.0309	0.0022	-0.0002	-0.0218
Barbados	0.7397	10.45	87.44%	11.96	-0.0542	-0.0119	-0.0275	0.0845	0.0025	-0.0004	-0.0070
Barbara	0.0046	[redacted]			-0.0057	-0.0299	-0.0428	0.0347	0.0018	-0.0004	-0.0423
Barbee	0.0006	4.75	39.71%	11.96	-0.0190	-0.0124	-0.0205	0.0123	0.0018	-0.0006	-0.0384
Barbossa	1.3042	11.56	96.72%	11.96	-0.0113	-0.0181	-0.0383	0.0393	0.0017	-0.0012	-0.0279
Barcelona	0.4676	8.76	73.25%	11.96	-0.0466	-0.0059	-0.0222	0.1076	0.0023	-0.0002	0.0350
Bard	0.0003	1.90	77.93%	2.44	0.0000	0.0000	-0.0036	0.0325	0.0104	-0.0002	0.0391
Bardeen	0.0000	8.19	68.49%	11.96	-0.0076	-0.0157	-0.0537	0.0482	0.0017	-0.0004	-0.0275
Bardo	0.0040	10.00	83.62%	11.96	-0.0268	-0.0058	-0.0232	0.0806	0.0022	-0.0009	0.0261
Barge	0.0008	2.31	82.39%	2.80	-0.0019	-0.0013	-0.0086	0.0498	0.0018	-0.0004	0.0394
Barilla	0.0000	9.07	75.86%	11.96	-0.0160	-0.0076	-0.0291	0.0928	0.0034	-0.0004	0.0431

	2025										
Facility	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]
Anzac	0.0011	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Anzar	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apache	0.9456	[redacted]			-0.0100	-0.0574	-0.0393	0.0170	0.0029	-0.0012	-0.0880
Apartment	0.0045	8.32	69.62%	11.96	-0.0562	-0.0156	-0.0403	0.0536	0.0044	-0.0002	-0.0543
Apex	3.7721	[redacted]			-0.0032	-0.0410	-0.0540	0.0085	0.0021	-0.0006	-0.0882
Appalousa	2.7921	9.46	79.12%	11.96	-0.1263	-0.0098	-0.0389	0.1845	0.0078	-0.0007	0.0166
Appian	0.0000	2.34	98.13%	2.39	0.0000	0.0000	-0.0052	0.0579	0.0131	-0.0010	0.0648
Apple	0.0022	9.25	77.39%	11.96	-0.0315	-0.0030	-0.0258	0.0983	0.0048	-0.0006	0.0422
Appleton	0.0076	12.44	76.92%	16.18	-0.0267	-0.0473	-0.0831	0.1348	0.0055	-0.0007	-0.0175
Apricot	0.0022	12.70	88.85%	14.29	-0.0096	-0.0743	-0.1087	0.1558	0.0128	-0.0017	-0.0257
Aquifer	0.0043	[redacted]			-0.0236	-0.0612	-0.0659	0.0194	0.0022	-0.0007	-0.1298
Arabia	0.0003	10.17	85.03%	11.96	-0.0416	-0.0051	-0.0328	0.1837	0.0056	-0.0005	0.1093
Arapaho	2.5131	8.08	77.48%	10.43	-0.0726	-0.0052	-0.0207	0.0233	0.0042	0.0000	-0.0710
Arboles	0.7670	13.70	84.71%	16.18	-0.0514	-0.0287	-0.0687	0.1158	0.0042	-0.0012	-0.0300
Arboretum	0.0000	10.72	66.29%	16.18	-0.0283	-0.0068	-0.0245	0.1323	0.0029	-0.0009	0.0747
Arborvitae	0.0003	2.69	95.97%	2.80	-0.0011	-0.0007	-0.0085	0.0679	0.0079	-0.0015	0.0640
Archie	0.2470	[redacted]			-0.5971	-0.0247	-0.1879	0.3374	0.0142	-0.0099	-0.4680
Arcturus	0.0000	2.48	84.59%	2.93	-0.0129	-0.0008	-0.0138	0.1005	0.0055	0.0000	0.0785
Arden	0.0000	2.20	97.44%	2.26	-0.0020	-0.0020	-0.0106	0.0232	0.0030	-0.0015	0.0101
Ardis	0.0001	2.49	85.15%	2.93	0.0000	0.0000	-0.0072	0.0412	0.0050	-0.0027	0.0363
Ardmore	0.0000	6.49	57.94%	11.21	-0.0092	-0.0413	-0.0699	0.0680	0.0097	-0.0036	-0.0463
Arenas	0.0000	2.26	68.07%	3.32	-0.0003	0.0000	-0.0054	0.0142	0.0016	-0.0015	0.0086
Arenas	0.0000	2.26	68.07%	3.32	-0.0003	0.0000	-0.0054	0.0142	0.0016	-0.0015	0.0086
Argo	0.0000	8.00	66.95%	11.96	-0.0288	-0.0163	-0.0345	0.0600	0.0028	-0.0003	-0.0171
Argonaut	0.1330	10.62	88.78%	11.96	-0.1511	-0.0077	-0.0311	0.1145	0.0069	-0.0006	-0.0691
Argonne	0.0000	7.43	76.85%	9.67	-0.0091	-0.0391	-0.0515	0.1802	0.0099	-0.0013	0.0891
Ariel	0.0000	7.97	66.63%	11.96	-0.0211	-0.0012	-0.0172	0.0596	0.0044	-0.0016	0.0229
Aries	0.2037	[redacted]			-0.0122	-0.0834	-0.0878	0.0481	0.0009	0.0000	-0.1344
Arlene	2.2446	[redacted]			-0.0156	-0.0055	-0.0436	0.1840	0.0040	-0.0064	0.1169
Arlington	0.5841	11.07	92.60%	11.96	-0.1079	-0.0370	-0.0677	0.1184	0.0042	-0.0018	-0.0918
Arliss	0.0019	[redacted]			-0.0273	-0.0197	-0.0581	0.0506	0.0040	-0.0003	-0.0508
Armada	0.8492	8.66	72.44%	11.96	-0.0295	-0.0043	-0.0242	0.1337	0.0066	-0.0053	0.0770
Armijo	0.0479	[redacted]			-0.0744	-0.0106	-0.0098	0.0283	0.0051	0.0003	-0.0611
Armour	0.0000	1.61	82.60%	1.95	0.0000	0.0000	-0.0035	0.0458	0.0078	-0.0014	0.0487
Armstrong	0.0006	11.71	97.90%	11.96	-0.0267	-0.0111	-0.0461	0.1204	0.0106	-0.0033	0.0438
Arneill	0.0034	[redacted]			-0.0101	-0.0261	-0.0507	0.0914	0.0033	-0.0038	0.0040
Arnett	0.0052	4.40	36.84%	11.96	-0.0104	-0.0077	-0.0232	0.0619	0.0057	-0.0009	0.0254
Arnez	0.0047	8.52	71.25%	11.96	-0.0554	-0.0186	-0.0485	0.0541	0.0044	-0.0002	-0.0642
Arnold	0.0009	8.80	73.63%	11.96	0.0000	0.0000	-0.0306	0.4854	0.0101	-0.0066	0.4583
Arrington	0.0000	1.21	52.75%	2.29	-0.0115	0.0000	-0.0029	0.0318	0.0024	0.0000	0.0198
Arsenic	1.8686	[redacted]			-0.0227	-0.1150	-0.1124	0.0506	0.0009	-0.0004	-0.1990
Artisano	5.1815	[redacted]			-0.0015	-0.0082	-0.0574	0.0965	0.0037	-0.0016	0.0315
Artist	0.3335	8.69	83.24%	10.43	-0.0359	-0.0124	-0.0599	0.3594	0.0099	-0.0046	0.2565
Aruba	0.7595	7.12	59.55%	11.96	-0.0243	-0.0424	-0.0743	0.0764	0.0025	-0.0003	-0.0624
Arvana	0.0000	7.98	63.10%	12.65	-0.0160	-0.0308	-0.0572	0.2421	0.0110	-0.0033	0.1458
Ash	0.0006	2.63	89.91%	2.93	-0.0149	-0.0068	-0.0175	0.0414	0.0037	-0.0016	0.0043
Ashberry	0.6873	11.31	94.56%	11.96	-0.0419	-0.0019	-0.0332	0.0855	0.0040	-0.0002	0.0123
Ashford	0.0036	7.42	62.04%	11.96	-0.0232	-0.0028	-0.0200	0.0892	0.0053	-0.0003	0.0482
Ashland	0.0456	1.13	39.85%	2.84	0.0000	0.0000	-0.0015	0.0822	0.0103	-0.0010	0.0900
Ashley	0.0000	0.77	51.83%	1.49	-0.0011	0.0000	-0.0027	0.0271	0.0027	-0.0004	0.0256
Ashmont	0.0000	2.44	86.98%	2.80	-0.0027	0.0000	-0.0051	0.0292	0.0028	-0.0003	0.0239
Aspen	2.7384	11.84	95.87%	12.35	-0.0151	-0.1262	-0.1461	0.1391	0.0092	-0.0013	-0.1404
Assembly	0.5971	11.02	92.14%	11.96	-0.0152	-0.0572	-0.0734	0.0216	0.0011	-0.0047	-0.1278
Asteroid	0.2679	15.71	97.12%	16.18	-0.0394	-0.0566	-0.1023	0.2229	0.0056	-0.0028	0.0274
Aston	0.4583	[redacted]			-0.0139	-0.0438	-0.0685	0.1446	0.0033	-0.0015	0.0202
Astor	0.0000	9.37	88.72%	10.57	-0.0376	-0.0189	-0.0513	0.0322	0.0047	-0.0018	-0.0727
Astoria	1.9372	11.79	98.61%	11.96	-0.0626	-0.0281	-0.0525	0.0786	0.0031	-0.0010	-0.0625
Astrology	0.8305	[redacted]			-0.0096	-0.0574	-0.0699	0.0306	0.0009	-0.0007	-0.1061
Atento	1.2408	9.09	76.01%	11.96	-0.1640	-0.0136	-0.0497	0.2832	0.0056	-0.0005	0.0610
Athel	0.0041	9.38	78.47%	11.96	-0.0357	-0.0337	-0.0551	0.0216	0.0030	-0.0006	-0.1005
Athena	0.0022	[redacted]			-0.0004	-0.0022	-0.0080	0.0248	0.0138	0.0001	0.0281
Atherton	0.2893	7.62	73.02%	10.43	-0.0221	-0.0370	-0.0613	0.0745	0.0027	-0.0002	-0.0434
Atlanta	1.1271	[redacted]			-0.0253	-0.0183	-0.0309	0.1674	0.0032	-0.0001	0.0960
Atlantic	4.8459	14.08	87.07%	16.18	-0.0611	-0.0496	-0.0984	0.1649	0.0111	-0.0035	-0.0366
Atlas	0.1411	10.77	90.11%	11.96	-0.0399	-0.0398	-0.0814	0.0786	0.0040	-0.0016	-0.0801
Atmore	1.8270	11.43	95.91%	11.91	-0.0422	-0.0537	-0.1132	0.1235	0.0063	-0.0042	-0.0835
Atrium	0.0000	[redacted]			-0.0140	-0.0334	-0.0664	0.0676	0.0021	0.0000	-0.0441
Attica	0.0016	[redacted]			-0.0017	-0.0367	-0.0632	0.1165	0.0026	0.0002	0.0177
Auburn	0.4618	8.53	56.61%	15.06	-0.0105	-0.0601	-0.0778	0.0932	0.0062	-0.0001	-0.0491
Audubon	0.0017	[redacted]			-0.0418	-0.0558	-0.0625	0.1223	0.0037	-0.0009	-0.0350
Augusta	0.0000	9.23	77.18%	11.96	-0.0243	-0.0402	-0.0884	0.1092	0.0041	-0.0013	-0.0409
Aurora	0.0059	9.45	79.05%	11.96	-0.0590	-0.0145	-0.0430	0.0246	0.0098	0.0001	-0.0820
Austin	0.0000	[redacted]			-0.0059	-0.0147	-0.0866	0.0811	0.0047	-0.0050	-0.0264
Autry	-0.0007	10.15	84.90%	11.96	-0.0648	-0.0209	-0.0481	0.0678	0.0060	-0.0018	-0.0618
Autumn	1.1869	8.65	72.36%	11.96	0.0000	0.0000	-0.0214	0.0252	0.0259	-0.0038	0.0259
Avalanche	0.0069	10.83	90.54%	11.96	0.0000	0.0000	-0.0223	0.3302	0.0130	-0.0004	0.3205
Avanti	0.8355	9.09	76.04%	11.96	-0.0589	-0.0217	-0.0723	0.0971	0.0053	-0.0008	-0.0513
Avco	0.0105	[redacted]			-0.0100	-0.0546	-0.0763	0.0291	0.0018	0.0007	-0.1093
Avenger	1.0417	9.06	75.77%	11.96	-0.0422	-0.0059	-0.0305	0.0717	0.0050	-0.0032	-0.0051
Avenida	0.0072	11.15	93.22%	11.96	-0.0252	-0.0036	-0.0320	0.2101	0.0047	-0.0003	0.1537
Aventura	0.1990	10.26	98.32%	10.43	-0.0682	-0.0252	-0.0676	0.0162	0.0064	-0.0038	-0.1422
Avery	0.0044	9.90	99.86%	9.91	-0.0284	-0.0179	-0.0607	0.1189	0.0066	-0.0020	0.0165
Aviator	0.0000	9.41	78.68%	11.96	-0.0966	-0.0301	-0.0500	0.0442	0.0045	-0.0005	-0.1285
Avon	0.0000	2.55	86.99%	2.93	-0.0086	-0.0012	-0.0066	0.0282	0.0032	-0.0003	0.0147
Axel	0.0002	[redacted]			-0.0215	-0.0268	-0.0466	0.0539	0.0032	-0.0012	-0.0390
Ayala	0.0000	[redacted]			-0.0012	-0.0623	-0.0698	0.0012	0.0097	0.0000	-0.1224
Azalia	0.0010	1.06	57.06%	1.85	0.0000	0.0000	-0.0043	0.0941	0.0136	-0.0013	0.1021
Azores	0.0000	9.42	78.82%	11.96	-0.0215	-0.0350	-0.0493	0.0405	0.0069	0.0019	-0.0565
Aztec	0.0000	10.48	87.65%	11.96	-0.0377	-0.0208	-0.0478	0.0360	0.0044	-0.0003	-0.0662
Azure	0.0000	1.29	46.15%	2.80	0.0000	0.0000	-0.0038	0.0707	0.0163	-0.0010	0.0822
Baber	0.0067	10.51	87.91%	11.96	-0.0387	-0.0522	-0.0822	0.0809	0.0040	-0.0036	-0.0918
Babylon	0.0000	8.17	68.37%	11.96	-0.0271	-0.0023	-0.0220	0.0757	0.0052	-0.0019	0.0276
Bacardi	0.0000	11.12	93.02%	11.96	-0.0426	-0.0500	-0.0801	0.0284	0.0046	-0.0009	-0.1406
Bach	0.0000	5.23	44.56%	11.74	-0.0156	-0.0339	-0.0598	0.1359	0.0030	-0.0014	0.0282
Bachelor	0.0041	[redacted]			-0.0112	-0.0301	-0.1094	0.1398	0.0043	-0.0043	-0.0109
Backdraft	0.0020	[redacted]			-0.0154	-0.0918	-0.1306	0.0470	0.0020	-0.0021	-0.1909
Bacon	0.0021	2.49	84.89%	2.93	-0.0130	-0.0003	-0.0097	0.0355	0.0037	0.0000	0.0162
Bacway	0.0038	[redacted]			-0.0123	-0.0242	-0.0453	0.0304	0.0037	-0.0005	-0.0482
Bada	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Badger	0.0042	8.83	73.81%	11.96	-0.0664	-0.0254	-0.0471	0.0555	0.0041	-0.0005	-0.0798
Badwater	0.0000	[redacted]			0.0000	0.0000	-0.0030	0.0056	0.0004	-0.0002	0.0028
Bahama	0.0058	7.08	59.20%	11.96	-0.0347	-0.0097	-0.0265	0.0959	0.0042	-0.0006	0.0286
Baja	0.0000	7.55	63.10%	11.96	-0.0405	-0.0125	-0.0390	0.1824	0.0039	-0.0003	0.0940
Balboa	0.0001	8.52	71.27%	11.96	-0.0241	-0.0206	-0.0738	0.3592	0.0080	-0.0014	0.2473
Balcom	0.0063	9.20	81.49%	11.29	-0.0819	-0.0296	-0.0601	0.0577	0.0045	-0.0007	-0.1101
Baldwin	0.0081	14.57	90.07%	16.18	-0.0369	-0.0226	-0.0565	0.2721	0.0044	-0.0033	0.1572
Baldy	0.0029	2.68	98.86%	2.71	-0.0022	-0.0006	-0.0084	0.0210	0.0032	-0.0009	0.0121
Ball	0.5547	[redacted]			-0.0431	-0.0781	-0.0627	0.0302	0.0031	0.0041	-0.1465
Ballard	0.0032	11.12	92.99%	11.96	-0.0283	-0.0582	-0.0816	0.0613	0.0028	-0.0022	-0.1062
Ballast	2.1283	12.79	87.86%	14.56	-0.0210	-0.0100	-0.0225	0.0801	0.0037	0.0002	0.0305
Ballona	0.0025	6.81	48.21%	14.12	-0.0037	-0.0396	-0.0520	0.0538	0.0011	-0.0007	-0.0411
Balloon	0.0000	11.71	97.95%	11.96	-0.1267	-0.0269	-0.0506	0.1262	0.0064	-0.0009	-0.0725
Ballzak	0.0042	[redacted]			-0.0107	-0.0452	-0.1107	0.0814	0.0030	-0.0018	-0.0840
Balsam	0.4739	10.42	87.17%	11.96	-0.0431	-0.0549	-0.0912	0.0592	0.0051	-0.0036	-0.1285
Bamboo	0.0000	[redacted]			-0.0163	-0.0644	-0.0412	0.0340	0.0113	0.0025	-0.0741
Banana	0.0006	11.21	93.79%	11.96	-0.0438	-0.0310	-0.0690	0.0726	0.0040	-0.0004	-0.0676
Bancroft	0.0000	[redacted]			-0.0020	-0.0648	-0.0906	0.0358	0.0036	0.0018	-0.1162
Bandag	0.0046	[redacted]			-0.0023	-0.0749	-0.0770	0.0111	0.0146	0.0003	-0.1282
Bandana	0.0097	10.04	83.94%	11.96	-0.0463	-0.0579	-0.0889	0.0471	0.0044	-0.0019	-0.1435
Bandera	0.0029	9.77	81.69%	11.96	-0.0237	-0.0436	-0.0675	0.0749	0.0040	-0.0031	-0.0590
Bandit	0.0060	10.26	85.80%	11.96	-0.0202	-0.0061	-0.0389	0.2010	0.0049	-0.0003	0.1404
Banjo	0.0000	[redacted]			-0.0431	-0.0276	-0.0439	0.1304	0.0046	-0.0002	0.0202
Banner	1.2079	8.03	75.97%	10.57	-0.0105	-0.0130	-0.0367	0.0597	0.0035	-0.0019	0.0011
Banshee	0.0000	0.65	44.06%	1.47	-0.0025	-0.0003	-0.0013	0.0034	0.0004	0.0000	-0.0003
Banyan	0.0000	7.79	65.13%	11.96	-0.0204	-0.0220	-0.0380	0.0463	0.0039	-0.0003	-0.0305
Barbados	0.7402	10.45	87.42%	11.96	-0.0816	-0.0180	-0.0408	0.1267	0.0048	-0.0006	-0.0095
Barbara	0.0066	[redacted]			-0.0085	-0.0444	-0.0647	0.0522	0.0034	-0.0005	-0.0625
Barbee	0.0007	4.73	39.56%	11.96	-0.0281	-0.0186	-0.0306	0.0197	0.0035	-0.0008	-0.0549
Barbossa	1.3043	11.55	96.63%	11.96	-0.0169	-0.0271	-0.0567	0.0608	0.0033	-0.0017	-0.0383
Barcelona	0.7832	9.14	76.42%	11.96	-0.0653	-0.0083	-0.0333	0.1666	0.0050	-0.0003	0.0644
Bard	0.0003	1.92	78.79%	2.44	0.0000	0.0000	-0.0054	0.0491	0.0156	-0.0003	0.0590
Bardeen	0.0000	8.18	68.41%	11.96	-0.0116	-0.0234	-0.0767	0.0715	0.0036	-0.0006	-0.0372
Bardo	0.0056	10.01	83.75%	11.96	-0.0403	-0.0087	-0.0352	0.1201	0.0045	-0.0014	0.0390
Barge	0.0011	2.33	83.17%	2.80	-0.0028	-0.0020	-0.0131	0.0747	0.0035	-0.0006	0.0597
Barilla	0.0000	9.10	76.07%	11.96	-0.0235	-0.0113	-0.0436	0.1378	0.0068	-0.0006	0.0656

Facility	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Anzac	0.0000	0.00	0.00%
Anzar	0.0000	0.00	0.00%
Apache	0.9459	[redacted]	
Apartment	0.0065	8.31	69.51%
Apex	3.9348	[redacted]	
Appalousa	3.0727	9.79	81.90%
Appian	0.0000	0.00	0.00%
Apple	0.0037	9.27	77.50%
Appleton	0.0076	12.44	76.91%
Apricot	0.0029	12.70	88.87%
Aquifer	0.0105	[redacted]	
Arabia	0.0004	10.21	85.37%
Arapaho	2.9891	8.58	82.26%
Arboles	0.7670	13.69	84.62%
Arboretum	0.0000	10.75	66.45%
Arborvitae	0.0005	2.70	96.51%
Archie	0.2641	[redacted]	
Arcturus	0.0000	2.50	85.45%
Arden	0.0000	2.20	97.59%
Ardis	0.0002	2.51	85.63%
Ardmore	0.0000	6.48	57.83%
Arenas	0.0000	2.26	68.13%
Arenas	0.0000	2.26	68.13%
Argo	0.0000	8.01	66.97%
Argonaut	0.1570	10.62	88.83%
Argonne	0.0000	7.46	77.16%
Ariel	0.0000	7.98	66.72%
Aries	0.2048	[redacted]	
Arlene	3.1316	[redacted]	
Arlington	0.6414	11.11	92.91%
Arliss	0.0019	[redacted]	
Armada	1.0523	8.90	74.47%
Armijo	0.0539	[redacted]	
Armour	0.0000	1.63	83.41%
Armstrong	0.0006	11.72	98.03%
Arneill	0.0059	[redacted]	
Arnett	0.0094	4.42	36.95%
Arnez	0.0065	8.50	71.12%
Arnold	0.0029	8.96	74.94%
Arrington	0.0000	1.21	52.94%
Arsenic	2.0982	[redacted]	
Artisano	5.2113	[redacted]	
Artist	0.3346	8.78	84.17%
Aruba	0.7595	7.11	59.47%
Arvana	0.0000	8.01	63.30%
Ash	0.0008	2.63	89.95%
Ashberry	0.7690	11.40	95.34%
Ashford	0.0049	7.43	62.15%
Ashland	0.0476	1.17	41.32%
Ashley	0.0000	0.78	52.35%
Ashmont	0.0000	2.44	87.30%
Aspen	2.8436	11.91	96.44%
Assembly	0.6251	11.01	92.06%
Asteroid	0.2706	15.72	97.19%
Aston	0.4585	[redacted]	
Astor	0.0000	9.35	88.52%
Astoria	3.0645	10.50	87.83%
Astrology	0.8696	[redacted]	
Atento	1.4172	9.34	78.11%
Athel	0.0057	9.35	78.22%
Athena	0.0038	[redacted]	
Atherton	0.2908	7.61	72.91%
Atlanta	1.5648	[redacted]	
Atlantic	4.8674	14.10	87.17%
Atlas	0.1472	10.75	89.93%
Atmore	2.2138	11.40	95.74%
Atrium	0.0000	[redacted]	
Attica	0.0019	[redacted]	
Auburn	0.6786	8.74	58.03%
Audubon	0.0019	[redacted]	
Augusta	0.0000	9.24	77.29%
Aurora	0.0102	9.44	78.92%
Austin	0.0000	[redacted]	
Autry	-0.0011	10.16	84.96%
Autumn	1.4072	8.91	74.50%
Avalanche	0.0118	10.95	91.57%
Avanti	0.8505	9.10	76.14%
Avco	0.2971	[redacted]	
Avenger	1.1329	9.16	76.64%
Avenida	0.0118	11.21	93.71%
Aventura	0.1990	10.21	97.87%
Avery	0.0044	9.89	99.80%
Aviator	0.0000	9.37	78.38%
Avon	0.0000	2.55	87.16%
Axel	0.0002	[redacted]	
Ayala	0.3775	[redacted]	
Azalia	0.0017	1.09	58.86%
Azores	0.0000	9.41	78.68%
Aztec	0.0000	10.46	87.51%
Azure	0.0000	1.32	47.10%
Baber	0.0083	10.48	87.65%
Babylon	0.0457	8.24	68.89%
Bacardi	0.0120	11.09	92.76%
Bach	0.0000	5.23	44.59%
Bachelor	0.0047	[redacted]	
Backdraft	0.0028	[redacted]	
Bacon	0.0036	2.49	85.11%
Bacway	0.0048	[redacted]	
Bada	0.0000	[redacted]	
Badger	0.0083	8.80	73.58%
Badwater	0.0145	[redacted]	
Bahama	0.0099	7.09	59.33%
Baja	0.0000	7.57	63.34%
Balboa	0.0001	8.61	71.99%
Balcom	0.0110	9.17	81.23%
Baldwin	0.0137	14.63	90.45%
Baldy	0.0038	2.68	98.98%
Ball	0.5841	[redacted]	
Ballard	0.0053	11.08	92.69%
Ballast	4.7644	15.54	96.05%
Ballona	0.0025	6.80	48.16%
Balloon	0.0000	11.70	97.84%
Ballzak	0.0070	[redacted]	
Balsam	0.5010	10.41	87.08%
Bamboo	0.0000	[redacted]	
Banana	0.0010	11.19	93.59%
Bancroft	0.0000	[redacted]	
Bandag	0.0078	[redacted]	
Bandana	0.0757	10.06	84.17%
Bandera	0.0053	9.76	81.59%
Bandit	0.0100	10.32	86.31%
Banjo	0.0000	[redacted]	
Banner	1.2079	8.02	75.86%
Banshee	0.0000	0.65	44.06%
Banyan	0.0000	8.82	73.77%
Barbados	0.7412	10.47	87.54%
Barbara	0.0087	[redacted]	
Barbee	0.0010	4.71	39.42%
Barbossa	1.3045	11.54	96.54%
Barcelona	1.3411	9.77	81.75%
Bard	0.0003	1.95	79.69%
Bardeen	0.0000	8.17	68.29%
Bardo	0.0095	10.01	83.74%
Barge	0.0019	2.35	84.03%
Barilla	0.0000	9.10	76.14%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0132	-0.0767	-0.0499	0.0226	0.0045	-0.0015	-0.1142	0.9459	[redacted]			-0.0162	-0.0968	-0.0596	0.0281	0.0057	-0.0018	-0.1406	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0726	-0.0210	-0.0524	0.0699	0.0076	-0.0003	-0.0688	0.0114	8.30	69.43%	11.96	-0.0877	-0.0267	-0.0643	0.0852	0.0117	-0.0004	-0.0822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0043	-0.0553	-0.0695	0.0117	0.0037	-0.0007	-0.1144	4.4667	[redacted]			-0.0054	-0.0705	-0.0848	0.0157	0.0055	-0.0009	-0.1404	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1574	-0.0127	-0.0512	0.2449	0.0129	-0.0010	0.0355	3.1941	9.95	83.18%	11.96	-0.1868	-0.0157	-0.0632	0.2999	0.0195	-0.0013	0.0524	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0435	-0.0040	-0.0335	0.1270	0.0077	-0.0007	0.0530	0.0072	9.28	77.60%	11.96	-0.0573	-0.0051	-0.0407	0.1529	0.0115	-0.0008	0.0605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0353	-0.0638	-0.1054	0.1767	0.0098	-0.0009	-0.0189	0.0076	12.44	76.89%	16.18	-0.0436	-0.0810	-0.1273	0.2161	0.0149	-0.0011	-0.0220	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0120	-0.0943	-0.1435	0.2059	0.0233	-0.0023	-0.0229	0.0042	12.70	88.88%	14.29	-0.0144	-0.1167	-0.1758	0.2528	0.0338	-0.0029	-0.0232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0311	-0.0826	-0.0807	0.0280	0.0032	-0.0007	-0.1639	0.0329	[redacted]			-0.0382	-0.1052	-0.0957	0.0367	0.0042	-0.0007	-0.1989	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0552	-0.0069	-0.0419	0.2406	0.0101	-0.0006	0.1461	0.0005	10.25	85.70%	11.96	-0.0682	-0.0088	-0.0505	0.2942	0.0167	-0.0007	0.1827	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0950	-0.0070	-0.0271	0.0311	0.0065	0.0000	-0.0915	3.5853	9.22	88.32%	10.43	-0.1163	-0.0089	-0.0333	0.0385	0.0093	0.0000	-0.1107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0720	-0.0387	-0.0900	0.1514	0.0073	-0.0016	-0.0436	0.7670	13.67	84.50%	16.18	-0.0966	-0.0492	-0.1111	0.1858	0.0111	-0.0020	-0.0620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0386	-0.0092	-0.0322	0.1736	0.0050	-0.0012	0.0974	0.0000	10.77	66.58%	16.18	-0.0500	-0.0117	-0.0403	0.2125	0.0082	-0.0015	0.1172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0021	-0.0014	-0.0129	0.0865	0.0102	-0.0024	0.0779	0.0011	2.71	96.97%	2.80	-0.0033	-0.0021	-0.0170	0.1030	0.0125	-0.0034	0.0897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.7865	-0.0339	-0.2426	0.4620	0.0238	-0.0141	-0.5913	0.2911	[redacted]			-0.9705	-0.0443	-0.2957	0.5820	0.0352	-0.0185	-0.7118	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0172	-0.0011	-0.0190	0.1313	0.0082	0.0000	0.1022	0.0000	2.53	86.27%	2.93	-0.0216	-0.0014	-0.0236	0.1603	0.0112	0.0000	0.1249	1.30	1.33	1.37	1.39	1.41	86.51%	88.51%	91.17%	92.50%	93.83%
2.26	-0.0028	-0.0027	-0.0141	0.0298	0.0049	-0.0021	0.0130	0.0000	2.21	97.71%	2.26	-0.0037	-0.0034	-0.0173	0.0357	0.0069	-0.0027	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0095	0.0542	0.0080	-0.0030	0.0497	0.0003	2.52	86.11%	2.93	0.0000	0.0000	-0.0116	0.0662	0.0113	-0.0033	0.0626	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.21	-0.0122	-0.0541	-0.0924	0.0884	0.0169	-0.0049	-0.0583	0.0000	6.47	57.71%	11.21	-0.0157	-0.0680	-0.1134	0.1076	0.0241	-0.0062	-0.0716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.32	-0.0010	-0.0004	-0.0072	0.0185	0.0022	-0.0018	0.0103	0.0000	2.26	68.20%	3.32	-0.0011	-0.0004	-0.0088	0.0222	0.0032	-0.0022	0.0129	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.32	-0.0010	-0.0004	-0.0072	0.0185	0.0022	-0.0018	0.0103	0.0000	2.26	68.20%	3.32	-0.0011	-0.0004	-0.0088	0.0222	0.0032	-0.0022	0.0129	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0362	-0.0201	-0.0446	0.0818	0.0051	-0.0005	-0.0145	0.0000	8.01	66.97%	11.96	-0.0449	-0.0240	-0.0542	0.1015	0.0081	-0.0007	-0.0142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1970	-0.0104	-0.0411	0.1494	0.0115	-0.0008	-0.0884	0.1703	10.61	88.78%	11.96	-0.2411	-0.0132	-0.0508	0.1821	0.0170	-0.0010	-0.1070	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.67	-0.0122	-0.0528	-0.0665	0.2350	0.0153	-0.0016	0.1172	0.0000	7.50	77.57%	9.67	-0.0142	-0.0617	-0.0824	0.2936	0.0239	-0.0030	0.1562	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0255	-0.0015	-0.0224	0.0779	0.0074	-0.0023	0.0336	0.0000	7.99	66.82%	11.96	-0.0296	-0.0018	-0.0275	0.0942	0.0114	-0.0031	0.0436	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0161	-0.1115	-0.1104	0.0650	0.0010	0.0003	-0.1717	0.2048	[redacted]			-0.0198	-0.1412	-0.1283	0.0817	0.0013	0.0006	-0.2057	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0208	-0.0074	-0.0574	0.2370	0.0064	-0.0084	0.1494	3.1349	[redacted]			-0.0263	-0.0094	-0.0707	0.2841	0.0096	-0.0105	0.1768	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1411	-0.0492	-0.0863	0.1570	0.0070	-0.0024	-0.1150	0.6486	11.09	92.75%	11.96	-0.1740	-0.0620	-0.1045	0.1932	0.0104	-0.0030	-0.1399	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0374	-0.0266	-0.0762	0.0653	0.0068	-0.0005	-0.0686	0.0019	[redacted]			-0.0490	-0.0338	-0.0941	0.0785	0.0102	-0.0007	-0.0889	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0384	-0.0058	-0.0313	0.1721	0.0106	-0.0069	0.1003	1.0523	8.93	74.65%	11.96	-0.0468	-0.0074	-0.0380	0.2062	0.0153	-0.0087	0.1206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0973	-0.0143	-0.0124	0.0377	0.0072	0.0005	-0.0786	0.0558	[redacted]			-0.1196	-0.0182	-0.0150	0.0470	0.0094	0.0006	-0.0958	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.95	0.0000	0.0000	-0.0045	0.0597	0.0105	-0.0019	0.0638	0.0000	1.64	84.18%	1.95	0.0000	0.0000	-0.0055	0.0725	0.0138	-0.0025	0.0783	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0352	-0.0150	-0.0597	0.1555	0.0168	-0.0044	0.0580	0.0006	11.74	98.15%	11.96	-0.0439	-0.0190	-0.0731	0.1872	0.0249	-0.0055	0.0706	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0134	-0.0352	-0.0667	0.1243	0.0050	-0.0050	0.0090	0.0119	[redacted]			-0.0166	-0.0447	-0.0814	0.1560	0.0069	-0.0062	0.0140	0.52	0.52	0.52	0.52	0.52	[redacted]				
11.96	-0.0142	-0.0104	-0.0307	0.0803	0.0098	-0.0012	0.0336	0.0207	4.44	37.10%	11.96	-0.0185	-0.0132	-0.0377	0.0969	0.0139	-0.0015	0.0399	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0716	-0.0251	-0.0628	0.0721	0.0075	-0.0003	-0.0802	0.0124	8.49	71.04%	11.96	-0.0865	-0.0319	-0.0769	0.0892	0.0115	-0.0004	-0.0950	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0394	0.6355	0.0147	-0.0083	0.6025	0.0097	9.11	76.18%	11.96	-0.0083	-0.0021	-0.0493	0.7824	0.0237	-0.0123	0.7341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.29	-0.0160	0.0000	-0.0036	0.0390	0.0044	0.0000	0.0238	0.0000	1.22	53.22%	2.29	-0.0213	0.0000	-0.0043	0.0480	0.0073	0.0000	0.0297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0303	-0.1551	-0.1425	0.0672	0.0011	-0.0006	-0.2602	2.1013	[redacted]			-0.0374	-0.1975	-0.1707	0.0836	0.0014	-0.0008	-0.3214	0.91	2.30	2.74	2.93	2.78	[redacted]				
[redacted]	-0.0020	-0.0111	-0.0745	0.1241	0.0058	-0.0022	0.0401	5.3429	[redacted]			-0.0024	-0.0141	-0.0909	0.1486	0.0082	-0.0029	0.0465	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0425	-0.0146	-0.0769	0.4723	0.0164	-0.0079	0.3468	0.3372	8.85	84.83%	10.43	-0.0597	-0.0202	-0.0916	0.5641	0.0250	-0.0086	0.4090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0301	-0.0522	-0.0974	0.1041	0.0048	-0.0005	-0.0713	0.7595	7.10	59.37%	11.96	-0.0363	-0.0625	-0.1192	0.1291	0.0071	-0.0007	-0.0825	1.25	1.25	1.25	1.25	1.25	209.10%	209.10%	209.10%	209.10%	209.10%
12.65	-0.0247	-0.0474	-0.0791	0.3112	0.0136	-0.0035	0.1701	0.0000	8.03	63.49%	12.65	-0.0338	-0.0647	-0.1004	0.3787	0.0166	-0.0038	0.1926	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0203	-0.0092	-0.0227	0.0534	0.0060	-0.0021	0.0051	0.0012	2.63	89.96%	2.93	-0.0263	-0.0117	-0.0278	0.0643	0.0090	-0.0026	0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0558	-0.0025	-0.0430	0.1104	0.0064	-0.0003	0.0152	0.7838	11.42	95.47%	11.96	-0.0709	-0.0032	-0.0526	0.1329	0.0094	-0.0004	0.0152	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0329	-0.0041	-0.0255	0.1126	0.0089	-0.0003	0.0587	0.0092	7.45	62.28%	11.96	-0.0431	-0.0055	-0.0307	0.1346	0.0142	-0.0004	0.0691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	0.0000	0.0000	-0.0019	0.1164	0.0140	-0.0011	0.1274	0.0480	1.22	42.85%	2.84	0.0000	0.0000	-0.0022	0.1544	0.0172	-0.0011	0.1683	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.49	-0.0015	0.0000	-0.0036	0.0348	0.0038	-0.0006	0.0329	0.0000	0.79	52.80%	1.49	-0.0019	0.0000	-0.0045	0.0417	0.0048	-0.0008	0.0393	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0034	0.0000	-0.0068	0.0379	0.0047	-0.0005	0.0319	0.0000	2.45	87.58%	2.80	-0.0042	0.0000	-0.0084	0.0456	0.0066	-0.0007	0.0389	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
12.35	-0.0205	-0.1705	-0.1866	0.1854	0.0149	-0.0018	-0.1791	2.8436	11.87	96.12%	12.35	-0.0262	-0.2171	-0.2251	0.2323	0.0215	-0.0022	-0.2168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0201	-0.0771	-0.0943	0.0311	0.0018	-0.0064	-0.1650	0.6261	10.97	91.73%	11.96	-0.0250	-0.0980	-0.1143	0.0407	0.0028	-0.0081	-0.2019	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0536	-0.0764	-0.1328	0.2924	0.0088	-0.0031	0.0353	0.2772	15.73	97.26%	16.18	-0.0693	-0.0970	-0.1621	0.3579	0.0131	-0.0035	0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0183	-0.0591	-0.0889	0.1913	0.0060	-0.0019	0.0291	0.4590	[redacted]			-0.0228	-0.0753	-0.1070	0.2455	0.0087	-0.0024	0.0467	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0488	-0.0245	-0.0667	0.0428	0.0077	-0.0025	-0.0920	0.0000	9.33	88.31%	10.57	-0.0613	-0.0303	-0.0819	0.0524	0.0114	-0.0032	-0.1129	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0829	-0.0379	-0.0675	0.1026	0.0051	-0.0013	-0.0819	3.7680	11.24	93.99%	11.96	-0.1028	-0.0483	-0.0819	0.1251	0.0078	-0.0016	-0.1017	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0127	-0.0761	-0.0894	0.0407	0.0012	-0.0007	-0.1370	0.8696	[redacted]			-0.0158	-0.0958	-0.1079	0.0507	0.0014	-0.0006	-0.1680	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2034	-0.0168	-0.0647	0.3860	0.0104	-0.0009	0.1106	1.4337	9.37	78.36%	11.96	-0.2658	-0.0218	-0.0767	0.4698	0.0172	-0.0010	0.1217	0.00	0.35	0.61	0.85	0.89	0.00%	2.93%	5.10%	7.11%	7.44%
11.96	-0.0463	-0.0454	-0.0712	0.0282	0.0049	-0.0008	-0.1306	0.0108	9.33	78.00%	11.96	-0.0563	-0.0577	-0.0877	0.0344	0.0076	-0.0010	-0.1607	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0022	-0.0101	0.0355	0.0184	0.0000	0.0412	0.0078	[redacted]			-0.0004	-0.0022	-0.0120	0.0488	0.0224	-0.0001	0.0565	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0302	-0.0499	-0.0786	0.0986	0.0046	-0.0003	-0.0558	0.2943	7.60	72.88%	10.43	-0.0387	-0.0624	-0.0938	0.1245	0.0080	-0.0004	-0.0628	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0370	-0.0278	-0.0407	0.2187	0.0053	0.0003	0.1188	2.8494	[redacted]			-0.0488	-0.0386	-0.0511	0.2727	0.0078	0.0003	0.1423	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0791	-0.0623	-0.1298	0.2126	0.0204	-0.0048	-0.0430	4.9527	14.18	87.66%	16.18	-0.1008	-0.0758	-0.1587	0.2600	0.0297	-0.0061	-0.0517	0.70	0.80	0.70	0.70	0.80	5.38%	4.94%	4.32%	4.32%	4.94%
11.96	-0.0541	-0.0537	-0.1052	0.1029	0.0066	-0.0021	-0.1056	0.1617	10.75	89.93%	11.96	-0.0643	-0.0632	-0.1284	0.1287	0.0103	-0.0027	-0.1196	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0568	-0.0724	-0.1447	0.1620	0.0098	-0.0055	-0.1076	4.1512	11.34	95.23%	11.91	-0.0800	-0.1031	-0.1770	0.1937	0.0133	-0.0076	-0.1607	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0189	-0.0450	-0.0858	0.0883	0.0038	0.0000	-0.0576	0.0000	[redacted]			-0.0238	-0.0573	-0.1017	0.1077	0.0062	0.0000	-0.0689	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0022	-0.0489	-0.0823	0.1522	0.0038	0.0002	0.0228	0.0025	[redacted]			-0.0027	-0.0619	-0.1038	0.2082	0.0058	0.0002	0.0458	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.06	-0.0138	-0.0810	-0.1023	0.1251	0.0092	-0.0003	-0.0631	1.4056	9.49	63.02%	15.06	-0.0171	-0.1030	-0.1263	0.1564	0.0126	-0.0005	-0.0779	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0557	-0.0752	-0.0801	0.1662	0.0063	-0.0012	-0.0397	0.0019	[redacted]			-0.0696	-0.0957	-0.0965	0.2096	0.0092	-0.0015	-0.0445	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0264	-0.0443	-0.1118	0.1483	0.0073	-0.0022	-0.0291	0.0000	9.25	77.37%	11.96	-0.0285	-0.0486	-0.1341	0.1828	0.0113	-0.0032	-0.0203	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0793	-0.0196	-0.0536	0.0349	0.0173	0.0001	-0.1002	0.0205	9.42	78.80%	11.96	-0.1014	-0.0249	-0.0662	0.0453	0.0230	0.0001	-0.1241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0078	-0.0198	-0.1114	0.1042	0.0080	-0.0067	-0.0335	0.0000	[redacted]			-0.0123	-0.0329	-0.1375	0.1230	0.0115	-0.0076	-0.0558	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0702	-0.0230	-0.0620	0.0947	0.0101	-0.0036	-0.0540	-0.0007	10.17	85.03%	11.96	-0.0753	-0.0252	-0.0754	0.1193	0.0152	-0.0055	-0.0469	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0277	0.0337	0.0366	-0.0047	0.0379	1.4761	8.21	68.68%	11.96	0.0000	0.0000	-0.0340	0.0415	0.0462	-0.0057	0.0480	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0281	0.4382	0.0187	-0.0005	0.4283	0.0240	11.08	92.63%	11.96	0.0000	0.0000	-0.0338	0.5411	0.0251	-0.0006	0.5318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0805	-0.0293	-0.0943	0.1402	0.0088	-0.0011	-0.0562	0.9035	9.15	76.53%	11.96	-0.1051	-0.0373	-0.1160	0.1818	0.0130	-0.0014	-0.0650	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0132	-0.0728	-0.0994	0.0391	0.0029	0.0011	-0.1423	0.6758	[redacted]			-0.0162	-0.0921	-0.1214	0.0489	0.0037	0.0015	-0.1756	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0512	-0.0074	-0.0396	0.0939	0.0083	-0.0046	-0.0006	1.1385	9.17	76.73%	11.96	-0.0596	-0.0090	-0.0483	0.1137	0.0127	-0.0061	0.0034	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0333	-0.0048	-0.0392	0.2719	0.0085	-0.0003	0.2028	0.0230	11.27	94.22%	11.96	-0.0415	-0.0061	-0.0464	0.3279	0.0134	-0.0003	0.2470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0917	-0.0340	-0.0877	0.0220	0.0104	-0.0050	-0.1860	0.1990	10.17	97.42%	10.43	-0.1157	-0.0432	-0.1073	0.0274	0.0154	-0.0062	-0.2296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.91	-0.0424	-0.0275	-0.0783	0.1512	0.0101	-0.0021	0.0110	0.0044	9.89	99.73%	9.91	-0.0573	-0.0375	-0.0952	0.1818	0.0146	-0.0022	0.0042	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1227	-0.0398	-0.0647	0.0590	0.0078	-0.0007	-0.1611	0.0000	9.34	78.10%	11.96	-0.1469	-0.0500	-0.0791	0.0729	0.0118	-0.0009	-0.1922	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0119	-0.0016	-0.0088	0.0365	0.0055	-0.0004	0.0193	0.0000	2.56	87.29%	2.93	-0.0157	-0.0020	-0.0108	0.0440	0.0078	-0.0005	0.0228	0.00	0.00	0.10	0.20	0.20	0.00%	0.00%	4.17%	8.33%	8.33%
[redacted]	-0.0300	-0.0362	-0.0596	0.0704	0.0053	-0.0015	-0.0516	0.0002	[redacted]			-0.0409	-0.0468	-0.0720	0.0845	0.0076	-0.0017	-0.0693	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0015	-0.0840	-0.0895	0.0016	0.0099	0.0000	-0.1635	1.9923	[redacted]			-0.0018	-0.1070	-0.1057	0.0020	0.0097	0.0000	-0.2028	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.85	0.0000	0.0000	-0.0056	0.1228	0.0175	-0.0019	0.1328	0.0032	1.12	60.68%	1.85	0.0000	0.0000	-0.0068	0.1492	0.0233	-0.0025	0.1632	0.00	0.02	0.05	0.08	0.11	0.00%	1.08%	2.70%	4.32%	5.93%
11.96	-0.0297	-0.0472	-0.0628	0.0538	0.0106	0.0027	-0.0726	0.0000	9.39	78.53%	11.96	-0.0391	-0.0601	-0.0746	0.0669	0.0143	0.0035	-0.0891	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0488	-0.0280	-0.0620	0.0506	0.0075	-0.0004	-0.0811	0.0000	10.45	87.40%	11.96	-0.0590	-0.0356	-0.0759	0.0648	0.0119	-0.0005	-0.0943	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0049	0.0921	0.0216	-0.0014	0.1074	0.0000	1.34	47.96%	2.80	0.0000	0.0000	-0.0060	0.1118	0.0261	-0.0018	0.1301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0539	-0.0704	-0.1061	0.1060	0.0066	-0.0047	-0.1225	0.0115	10.45	87.39%	11.96	-0.0717	-0.0893	-0.1273	0.1295	0.0104	-0.0058	-0.1542	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0328	-0.0029	-0.0287	0.0981	0.0087	-0.0027	0.0397	0.2776	8.50	71.12%	11.96	-0.0381	-0.0035	-0.0352	0.1179	0.0134	-0.0036	0.0509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0559	-0.0675	-0.1033	0.0377	0.0074	-0.0012	-0.1828	0.0607	11.10	92.85%	11.96	-0.0676	-0.0833	-0.1273	0.0477	0.0113	-0.0016	-0.2208	1.43	1.39	1.33	1.28	1.43	14.62%	14.21%	13.57%	13.06%	14.79%
11.74	-0.0209	-0.0457	-0.0774	0.1720	0.0052	-0.0019	0.0313	0.0000	5.25	44.71%	11.74	-0.0265	-0.0582	-0.0943	0.2183	0.0079	-0.0024	0.0448	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0133	-0.0359	-0.1432	0.1834	0.0073	-0.0063	-0.0080	0.0059	[redacted]			-0.0155	-0.0420	-0.1750	0.2221	0.0104	-0.0085	-0.0085	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0200	-0.1238	-0.1681	0.0653	0.0035	-0.0028	-0.2459	0.0052	[redacted]			-0.0242	-0.1575	-0.2061	0.0835	0.0052	-0.0032	-0.3023	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0181	-0.0004	-0.0129	0.0459	0.0064	0.0000	0.0209	0.0075	2.50	85.36%	2.93	-0.0241	-0.0005	-0.0159	0.0553	0.0091	0.0000	0.0239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0184	-0.0367	-0.0573	0.0378	0.0061	-0.0006	-0.0691	0.0070	[redacted]			-0.0243	-0.0499	-0.0689	0.0450	0.0093	-0.0007	-0.0895	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0922	-0.0347	-0.0615	0.0726	0.0070	-0.0007	-0.1095	0.0195	8.77	73.38%	11.96	-0.1217	-0.0444	-0.0753	0.0893	0.0105	-0.0008	-0.1424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0001	-0.0002	-0.0042	0.0077	0.0005	-0.0002	0.0035	0.0699	[redacted]			-0.0001	-0.0002	-0.0052	0.0094	0.0007	-0.0003	0.0043	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0460	-0.0131	-0.0351	0.1256	0.0079	-0.0008	0.0385	0.0205	7.12	59.51%	11.96	-0.0570	-0.0166	-0.0430	0.1536	0.0116	-0.0010	0.0476	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0548	-0.0169	-0.0506	0.2355	0.0066	-0.0005	0.1193	0.0000	7.59	63.52%	11.96	-0.0700	-0.0215	-0.0621	0.2834	0.0101	-0.0007	0.1392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0322	-0.0277	-0.0904	0.4638	0.0155	-0.0018	0.3272	0.0001	8.66	72.44%	11.96	-0.0441	-0.0389	-0.1085	0.5468	0.0240	-0.0020	0.3773	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.29	-0.1085	-0.0394	-0.0781	0.0777	0.0069	-0.0009	-0.1423	0.0225	9.15	81.02%	11.29	-0.1354	-0.0497	-0.0952	0.0966	0.0101	-0.0012	-0.1748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0489	-0.0305	-0.0734	0.3579	0.0075	-0.0043	0.2083	0.0267	14.70	90.87%	16.18	-0.0610	-0.0387	-0.0895	0.4388	0.0115	-0.0045	0.2566	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0041	-0.0010	-0.0111	0.0264	0.0050	-0.0010	0.0142	0.0061	2.69	99.15%	2.71	-0.0061	-0.0015	-0.0137	0.0312	0.0075	-0.0011	0.0163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0553	-0.1024	-0.0788	0.0410	0.0043	0.0060	-0.1852	0.5949	[redacted]			-0.0668	-0.1282	-0.0945	0.0517	0.0057	0.0079	-0.2242	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0388	-0.0785	-0.1065	0.0802	0.0049	-0.0029	-0.1416	0.0105	11.05	92.41%	11.96	-0.0507	-0.0998	-0.1293	0.0980	0.0070	-0.0036	-0.1784	0.53	0.49	0.49	0.49	0.49	88.33%	81.67%	81.67%	81.67%	81.67%
16.18	-0.0276	-0.0135	-0.0282	0.1064	0.0080	0.0003	0.0454	4.7644	15.55	96.15%	16.18	-0.0345	-0.0171	-0.0337	0.1324	0.0128	0.0004	0.0603	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0049	-0.0534	-0.0672	0.0763	0.0018	-0.0009	-0.0483	0.0025	6.79	48.11%	14.12	-0.0060	-0.0679	-0.0819	0.0990	0.0026	-0.0011	-0.0553	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1602	-0.0348	-0.0655	0.1662	0.0112	-0.0013	-0.0844	0.0000	11.68	97.71%	11.96	-0.1930	-0.0431	-0.0800	0.2023	0.0173	-0.0017	-0.0982	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0141	-0.0609	-0.1413	0.1050	0.0047	-0.0024	-0.1090	0.0137	[redacted]			-0.0175	-0.0775	-0.1709	0.1263	0.0069	-0.0030	-0.1357	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0582	-0.0741	-0.1163	0.0799	0.0083	-0.0047	-0.1651	0.5109	10.38	86.82%	11.96	-0.0748	-0.0941	-0.1410	0.0997	0.0122	-0.0058	-0.2038	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0212	-0.0869	-0.0527	0.0470	0.0152	0.0031	-0.0955	0.0000	[redacted]			-0.0258	-0.1107	-0.0637	0.0600	0.0193	0.0038	-0.1171	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0605	-0.0418	-0.0892	0.0952	0.0065	-0.0005	-0.0903	0.0019	11.16	93.36%	11.96	-0.0797	-0.0532	-0.1083	0.1165	0.0096	-0.0005	-0.1156	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0026	-0.0874	-0.1159	0.0473	0.0039	0.0025	-0.1522	0.0000	[redacted]			-0.0032	-0.1114	-0.1396	0.0590	0.0041	0.0032	-0.1879	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0028	-0.0941	-0.0962	0.0150	0.0149	0.0005	-0.1627	0.0154	[redacted]			-0.0033	-0.1145	-0.1134	0.0189	0.0149	0.0007	-0.1967	1.26	1.20	1.20	1.20	1.20	[redacted]				
11.96	-0.0599	-0.0781	-0.1152	0.0643	0.0077	-0.0025	-0.1837	0.3443	10.31	86.20%	11.96	-0.0724	-0.0994	-0.1405	0.0808	0.0115	-0.0031	-0.2231	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0316	-0.0589	-0.0871	0.1028	0.0066	-0.0041	-0.0723	0.0115	9.75	81.52%	11.96	-0.0398	-0.0749	-0.1061	0.1297	0.0097	-0.0051	-0.0865	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0254	-0.0079	-0.0476	0.2642	0.0089	-0.0004	0.1918	0.0197	10.38	86.83%	11.96	-0.0306	-0.0098	-0.0563	0.3213	0.0141	-0.0005	0.2382	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0570	-0.0363	-0.0577	0.1752	0.0068	-0.0003	0.0307	0.0000	[redacted]			-0.0718	-0.0454	-0.0708	0.2176	0.0097	-0.0004	0.0389	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0173	-0.0208	-0.0482	0.0725	0.0060	-0.0023	-0.0101	1.2079	8.00	75.74%	10.57	-0.0250	-0.0289	-0.0588	0.0850	0.0083	-0.0027	-0.0221	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.47	-0.0032	-0.0004	-0.0017	0.0044	0.0006	0.0000	-0.0003	0.0000	0.65	44.05%	1.47	-0.0039	-0.0006	-0.0021	0.0053	0.0009	0.0000	-0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0268	-0.0297	-0.0495	0.0604	0.0063	-0.0004	-0.0397	0.0000	8.81	73.71%	11.96	-0.0332	-0.0377	-0.0590	0.0736	0.0104	-0.0005	-0.0464	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1015	-0.0222	-0.0540	0.1726	0.0094	-0.0008	0.0035	0.7449	10.48	87.64%	11.96	-0.1236	-0.0265	-0.0662	0.2140	0.0140	-0.0010	0.0107	0.79	0.79	0.79	0.79	0.79	131.88%	131.88%	131.88%	131.88%	131.88%
[redacted]	-0.0113	-0.0599	-0.0811	0.0683	0.0054	-0.0005	-0.0791	0.0128	[redacted]			-0.0140	-0.0763	-0.0954	0.0835	0.0081	-0.0005	-0.0946	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0375	-0.0251	-0.0394	0.0273	0.0058	-0.0012	-0.0701	0.0019	4.70	39.29%	11.96	-0.0470	-0.0319	-0.0480	0.0346	0.0086	-0.0016	-0.0853	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0228	-0.0365	-0.0734	0.0816	0.0054	-0.0022	-0.0479	1.3049	11.53	96.45%	11.96	-0.0292	-0.0464	-0.0898	0.1015	0.0080	-0.0028	-0.0587	3.69	3.69	3.69	3.61	3.61	615.00%	615.00%	615.00%	601.67%	601.67%
11.96	-0.0859	-0.0108	-0.0441	0.2200	0.0092	-0.0004	0.0880	1.3471	9.82	82.12%	11.96	-0.0954	-0.0119	-0.0537	0.2727	0.0136	-0.0030	0.1223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.44	0.0000	0.0000	-0.0070	0.0648	0.0223	-0.0004	0.0797	0.0003	1.97	80.61%	2.44	0.0000	0.0000	-0.0085	0.0798	0.0301	-0.0005	0.1009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0157	-0.0316	-0.1008	0.0923	0.0066	-0.0008	-0.0500	0.0000	8.15	68.17%	11.96	-0.0198	-0.0402	-0.1234	0.1111	0.0096	-0.0010	-0.0637	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0635	-0.0134	-0.0458	0.1510	0.0070	-0.0018	0.0335	0.0188	10.01	83.73%	11.96	-0.0904	-0.0182	-0.0561	0.1802	0.0100	-0.0022	0.0233	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0032	-0.0023	-0.0173	0.0995	0.0060	-0.0010	0.0817	0.0038	2.38	84.84%	2.80	-0.0036	-0.0026	-0.0212	0.1215	0.0086	-0.0015	0.1012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0353	-0.0173	-0.0565	0.1725	0.0104	-0.0007	0.0731	0.0000	9.12	76.29%	11.96	-0.0435	-0.0214	-0.0694	0.2088	0.0161	-0.0009	0.0897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023												2024												2025											
		Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [26]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
16.18	-0.0238	-0.0250	-0.0527	0.1259	0.0055	-0.0005	0.0294	0.0220	8.65	53.47%	16.18	-0.0308	-0.0318	-0.0644	0.1537	0.0082	-0.0007	0.0342	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0052	-0.1154	-0.2568	0.0317	0.0056	-0.0029	-0.3430	0.0171	10.65	67.03%	15.88	-0.0064	-0.1426	-0.3166	0.0388	0.0079	-0.0039	-0.4228	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0395	-0.0667	0.0851	0.0010	0.0000	-0.0229	0.7070	[redacted]	[redacted]	[redacted]	-0.0034	-0.0503	-0.0809	0.1055	0.0010	0.0000	-0.0281	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0435	-0.0083	-0.0593	0.0696	0.0862	0.0002	0.0449	0.0088	[redacted]	[redacted]	[redacted]	-0.0529	-0.0107	-0.0718	0.0969	0.1079	0.0004	0.0698	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0033	-0.0988	-0.1357	0.0693	0.0027	-0.0003	-0.1661	0.5147	10.62	74.33%	14.29	-0.0041	-0.1257	-0.1665	0.0860	0.0034	-0.0003	-0.2072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1341	-0.0476	-0.0715	0.0526	0.0105	-0.0018	-0.1919	0.0004	10.18	85.12%	11.96	-0.1707	-0.0604	-0.0879	0.0641	0.0159	-0.0022	-0.2412	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0465	-0.0331	-0.0512	0.0501	0.0030	-0.0028	-0.0805	0.0097	5.68	35.09%	16.18	-0.0580	-0.0421	-0.0618	0.0617	0.0046	-0.0037	-0.0993	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0041	-0.0006	-0.0074	0.0190	0.0047	-0.0007	0.0109	0.0052	1.79	61.20%	2.93	-0.0049	-0.0007	-0.0092	0.0230	0.0065	-0.0011	0.0136	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0038	-0.0029	-0.0144	0.0286	0.0047	-0.0012	0.0110	0.0023	1.59	66.60%	2.39	-0.0042	-0.0033	-0.0177	0.0346	0.0071	-0.0016	0.0149	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0294	-0.0785	-0.1040	0.1622	0.0065	-0.0086	-0.0518	0.0000	9.71	81.23%	11.96	-0.0365	-0.0998	-0.1253	0.2056	0.0097	-0.0117	-0.0580	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0449	-0.0778	-0.0980	0.0900	0.0045	-0.0015	-0.1277	0.3310	9.15	76.55%	11.96	-0.0557	-0.0970	-0.1192	0.1107	0.0068	-0.0016	-0.1560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1703	-0.0075	-0.0367	0.0726	0.0091	-0.0003	-0.1331	0.0000	7.45	62.33%	11.96	-0.2147	-0.0096	-0.0451	0.0894	0.0138	-0.0003	-0.1665	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0253	-0.0763	-0.1241	0.1370	0.0081	-0.0020	-0.0826	0.0058	7.87	65.78%	11.96	-0.0297	-0.0911	-0.1474	0.1697	0.0137	-0.0026	-0.0874	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0135	-0.0861	-0.1288	0.0852	0.0020	0.0000	-0.1412	0.0067	[redacted]	[redacted]	[redacted]	-0.0164	-0.1080	-0.1563	0.1051	0.0028	0.0000	-0.1728	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
16.18	-0.0293	-0.0816	-0.1151	0.1243	0.0115	-0.0035	-0.0937	1.4655	13.30	82.23%	16.18	-0.0375	-0.1043	-0.1419	0.1531	0.0184	-0.0044	-0.1166	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0026	0.0444	0.0042	-0.0003	0.0457	0.0002	0.57	19.37%	2.93	0.0000	0.0000	-0.0032	0.0543	0.0054	-0.0004	0.0561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0269	-0.1055	-0.1777	0.0326	0.0034	-0.0046	-0.2787	0.0192	9.61	80.37%	11.96	-0.0312	-0.1277	-0.2170	0.0400	0.0050	-0.0058	-0.3367	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0783	-0.0350	-0.0723	0.4165	0.0359	0.0000	0.2668	0.0000	9.93	65.93%	15.06	-0.0994	-0.0444	-0.0917	0.5158	0.0517	0.0000	0.3320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0051	-0.0744	-0.0755	0.2635	0.0459	-0.0002	0.1542	0.0000	[redacted]	[redacted]	[redacted]	-0.0056	-0.0827	-0.0845	0.3251	0.0576	0.0005	0.2104	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0230	-0.0947	-0.1289	0.0836	0.0041	-0.0038	-0.1627	0.0041	10.01	83.71%	11.96	-0.0290	-0.1235	-0.1560	0.1009	0.0059	-0.0045	-0.2062	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0898	-0.0107	-0.0308	0.0767	0.0062	-0.0004	-0.0488	0.0032	6.20	59.40%	10.43	-0.1107	-0.0136	-0.0377	0.0981	0.0094	-0.0005	-0.0550	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0600	-0.0251	-0.0704	0.1953	0.0106	-0.0013	0.0491	0.0000	11.31	94.60%	11.96	-0.0742	-0.0319	-0.0863	0.2383	0.0158	-0.0016	0.0601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0036	-0.0016	-0.0173	0.0325	0.0050	-0.0020	0.0130	0.0012	2.86	97.68%	2.93	-0.0048	-0.0021	-0.0213	0.0389	0.0070	-0.0027	0.0150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1229	-0.0763	-0.1123	0.1830	0.0043	-0.0002	-0.1244	1.9546	[redacted]	[redacted]	[redacted]	-0.1531	-0.0972	-0.1347	0.2366	0.0065	-0.0003	-0.1422	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0003	-0.0003	-0.0344	0.1223	0.0169	-0.0043	0.0999	0.0000	[redacted]	[redacted]	[redacted]	-0.0103	-0.0134	-0.0463	0.1420	0.0192	-0.0043	0.0869	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
14.12	0.0000	0.0000	-0.0466	0.4477	0.0429	-0.0082	0.4358	0.0000	10.00	70.86%	14.12	0.0000	0.0000	-0.0566	0.5389	0.0564	-0.0107	0.5280	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0130	-0.0316	-0.0369	0.0234	0.0035	-0.0003	-0.0549	0.9431	3.45	28.86%	11.96	-0.0147	-0.0361	-0.0449	0.0302	0.0054	-0.0004	-0.0605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0067	-0.0012	-0.0104	0.0597	0.0058	0.0000	0.0472	0.0004	2.55	91.04%	2.80	-0.0086	-0.0015	-0.0128	0.0719	0.0082	0.0000	0.0572	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0140	0.0441	0.0878	-0.0065	0.1114	0.0105	[redacted]	[redacted]	[redacted]	0.0000	0.0000	-0.0171	0.0542	0.1122	-0.0076	0.1417	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0081	-0.0027	-0.0082	0.0151	0.0052	-0.0004	0.0009	0.0000	2.66	22.22%	11.96	-0.0098	-0.0034	-0.0100	0.0181	0.0078	-0.0005	0.0022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0210	-0.1214	-0.1013	0.0879	0.0045	-0.0002	-0.1515	10.1712	12.02	74.32%	16.18	-0.0257	-0.1541	-0.1332	0.1119	0.0073	-0.0003	-0.1941	0.00	0.00	0.00	0.00	5.80	0.00%	0.00%	0.00%	0.00%	40.56%
11.96	-0.0865	-0.0137	-0.0577	0.1446	0.0079	-0.0008	-0.0062	0.0133	7.80	65.22%	11.96	-0.1118	-0.0174	-0.0707	0.1785	0.0116	-0.0010	-0.0108	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0252	-0.0414	-0.0937	0.0412	0.0072	-0.0062	-0.1181	0.0016	9.00	75.29%	11.96	-0.0324	-0.0526	-0.1141	0.0500	0.0106	-0.0077	-0.1462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0303	-0.0526	-0.0327	0.0059	0.0084	0.0033	-0.0980	0.0078	7.61	72.96%	10.43	-0.0372	-0.0671	-0.0394	0.0074	0.0103	0.0043	-0.1217	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0690	-0.0093	-0.0572	0.1530	0.0124	-0.0129	0.0170	0.0002	11.50	96.21%	11.96	-0.0848	-0.0118	-0.0703	0.1831	0.0190	-0.0165	0.0187	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0195	-0.0005	-0.0191	0.0244	0.0063	-0.0015	-0.0099	0.0157	9.30	77.78%	11.96	-0.0228	-0.0006	-0.0234	0.0293	0.0097	-0.0020	-0.0098	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0309	-0.0967	-0.0887	0.0787	0.0076	0.0009	-0.1291	0.0969	6.45	53.96%	11.96	-0.0374	-0.1201	-0.1062	0.1007	0.0101	0.0030	-0.1499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0708	-0.0162	-0.0441	0.1566	0.0087	-0.0008	0.0334	0.0150	9.66	80.77%	11.96	-0.0833	-0.0190	-0.0542	0.1954	0.0140	-0.0010	0.0519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1621	-0.0069	-0.0473	0.1961	0.0125	-0.0006	-0.0083	0.3268	11.39	95.29%	11.96	-0.1923	-0.0085	-0.0581	0.2385	0.0194	-0.0008	-0.0018	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1331	-0.0092	-0.0524	0.1318	0.0093	-0.0026	-0.0562	0.0206	11.76	98.33%	11.96	-0.1681	-0.0114	-0.0644	0.1602	0.0138	-0.0033	-0.0732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0536	0.1961	0.0144	-0.0029	0.1540	0.0000	9.85	82.37%	11.96	0.0000	0.0000	-0.0635	0.2401	0.0220	-0.0035	0.1951	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0396	-0.0216	-0.0465	0.0711	0.0050	-0.0006	-0.0322	1.9917	8.44	70.58%	11.96	-0.0527	-0.0275	-0.0573	0.0877	0.0079	-0.0007	-0.0426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0213	-0.1484	-0.1369	0.0602	0.0010	0.0007	-0.2447	1.8195	10.69	89.38%	11.96	-0.0257	-0.1844	-0.1629	0.0772	0.0012	0.0020	-0.2926	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0089	-0.1427	-0.1944	0.0133	0.0062	0.0000	-0.3265	0.2442	[redacted]	[redacted]	[redacted]	-0.0110	-0.1808	-0.2363	0.0167	0.0079	0.0000	-0.4035	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0363	-0.0474	-0.0741	0.2019	0.0060	-0.0025	0.0476	0.0024	8.76	73.25%	11.96	-0.0448	-0.0602	-0.0907	0.2463	0.0088	-0.0031	0.0563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.63	-0.0200	-0.0017	-0.0110	0.0151	0.0024	-0.0001	-0.0153	0.0306	2.61	71.76%	3.63	-0.0247	-0.0022	-0.0135	0.0183	0.0038	-0.0001	-0.0184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.63	-0.0200	-0.0017	-0.0110	0.0151	0.0024	-0.0001	-0.0153	0.0306	2.61	71.76%	3.63	-0.0247	-0.0022	-0.0135	0.0183	0.0038	-0.0001	-0.0184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.72	-0.0032	-0.0080	-0.0164	0.0134	0.0036	-0.0009	-0.0115	0.0123	2.01	74.14%	2.72	-0.0042	-0.0101	-0.0206	0.0161	0.0057	-0.0011	-0.0142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.07	-0.0241	-0.0533	-0.1006	0.1234	0.0127	-0.0041	-0.0460	0.0026	7.85	70.95%	11.07	-0.0297	-0.0676	-0.1186	0.1485	0.0191	-0.0052	-0.0535	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1147	-0.0681	-0.1264	0.1248	0.0063	0.0000	-0.1781	0.0324	10.72	89.66%	11.96	-0.1424	-0.0867	-0.1542	0.1569	0.0096	0.0000	-0.2168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0404	-0.0181	-0.1139	0.4996	0.0144	-0.0187	0.3229	0.0151	15.26	94.34%	16.18	-0.0430	-0.0193	-0.1388	0.6084	0.0210	-0.0258	0.4025	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0841	-0.0163	-0.0515	0.2780	0.0082	-0.0003	0.1340	0.0843	9.80	81.97%	11.96	-0.1130	-0.0217	-0.0618	0.3381	0.0130	-0.0004	0.1542	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2386	-0.0368	-0.0782	0.1129	0.0113	-0.0006	-0.2300	0.1257	7.84	65.54%	11.96	-0.2964	-0.0468	-0.0957	0.1408	0.0165	-0.0008	-0.2824	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0697	-0.0117	-0.0528	0.2079	0.0096	-0.0012	0.0821	0.0282	9.28	77.63%	11.96	-0.0867	-0.0149	-0.0645	0.2516	0.0143	-0.0017	0.0981	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.02	-0.0661	-0.0059	-0.0441	0.0905	0.0076	0.0000	-0.0180	0.0223	8.96	99.34%	9.02	-0.0876	-0.0075	-0.0540	0.1105	0.0115	0.0000	-0.0271	0.57	0.57	0.57	0.01	0.01	95.00%	95.00%	95.00%	1.67%	1.67%
2.80	-0.0058	-0.0003	-0.0095	0.0331	0.0040	-0.0002	0.0213	0.0000	1.94	69.44%	2.80	-0.0083	-0.0004	-0.0116	0.0388	0.0055	-0.0002	0.0238	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0130	-0.1129	-0.1428	0.0866	0.0069	0.0008	-0.1744	0.0021	[redacted]	[redacted]	[redacted]	-0.0158	-0.1408	-0.1700	0.1112	0.0091	0.0019	-0.2044	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
10.43	-0.0531	-0.0792	-0.1050	0.1516	0.0047	-0.0003	-0.0813	0.0157	9.28	88.97%	10.43	-0.0682	-0.0991	-0.1251	0.1914	0.0082	-0.0005	-0.0933	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0007	-0.0382	-0.1351	0.0084	0.1173	0.0001	-0.0482	0.0254	[redacted]	[redacted]	[redacted]	-0.0008	-0.0431	-0.1664	0.0102	0.1166	0.0001	-0.0834	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.89	-0.0440	-0.0113	-0.0436	0.0627	0.0076	-0.0003	-0.0289	0.0087	9.60	80.69%	11.89	-0.0604	-0.0154	-0.0533	0.0742	0.0113	-0.0003	-0.0439	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.59	-0.0056	-0.0041	-0.0139	0.0266	0.0051	-0.0020	0.0061	0.0004	2.56	98.59%	2.59	-0.0067	-0.0047	-0.0170	0.0322	0.0073	-0.0029	0.0082	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2047	-0.0769	-0.0905	0.0741	0.0113	-0.0037	-0.2904	0.0127	11.11	92.90%	11.96	-0.2617	-0.0975	-0.1112	0.0903	0.0175	-0.0046	-0.3672	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0067	-0.0052	-0.0253	0.0706	0.0062	0.0000	0.0396	0.4426	2.26	79.71%	2.84	-0.0088	-0.0072	-0.0310	0.0837	0.0088	0.0000	0.0455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0646	0.1985	0.0049	-0.0012	0.1376	0.2830	[redacted]	[redacted]	[redacted]	0.0000	0.0000	-0.0774	0.2592	0.0065	-0.0014	0.1869	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0108	-0.0065	-0.0271	0.0250	0.0051	-0.0006	-0.0149	0.0000	[redacted]	[redacted]	[redacted]	-0.0122	-0.0072	-0.0331	0.0304	0.0078	-0.0010	-0.0153	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0142	-0.0031	-0.0129	0.0811	0.0024	-0.0001	0.0532	0.0000	[redacted]	[redacted]	[redacted]	-0.0142	-0.0031	-0.0129	0.0811	0.0024	-0.0001	0.0532	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0316	-0.0698	-0.1203	0.0557	0.0050	-0.0016	-0.1626	0.0110	9.00	75.27%	11.96	-0.0403	-0.0888	-0.1472	0.0680	0.0076	-0.0021	-0.2028	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0091	-0.1496	-0.2268	0.1252	0.0009	-0.0031	-0.2625	0.0064	[redacted]	[redacted]	[redacted]	-0.0112	-0.1903	-0.2769	0.1715	0.0013	-0.0039	-0.3095	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0319	-0.0394	-0.0623	0.0968	0.0050	-0.0017	-0.0335	0.0007	7.50	62.72%	11.96	-0.0396	-0.0500	-0.0765	0.1181	0.0075	-0.0021	-0.0426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.60	0.0000	0.0000	-0.0027	0.0188	0.0097	0.0000	0.0258	0.0000	1.00	62.43%	1.60	0.0000	0.0000	-0.0033	0.0233	0.0125	0.0000	0.0325	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0094	-0.0461	-0.1165	0.0894	0.0015	-0.0008	-0.0819	5.2083	11.26	94.19%	11.96	-0.0138	-0.0711	-0.1404	0.1040	0.0016	-0.0008	-0.1205	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0158	-0.0619	-0.0939	0.0613	0.0027	0.0005	-0.1071	2.1007	8.79	73.51%	11.96	-0.0196	-0.0788	-0.1128	0.0769	0.0037	0.0011	-0.1295	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0405	-0.0291	-0.0602	0.1603	0.0085	-0.0004	0.0386	0.0018	7.49	62.66%	11.96	-0.0502	-0.0370	-0.0706	0.1960	0.0148	-0.0005	0.0525	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	0.0000	0.0000	-0.0056	0.0908	0.0128	-0.0025	0.0955	0.0000	1.61	81.24%	1.98	0.0000	0.0000	-0.0068	0.1099	0.0165	-0.0032	0.1164	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0044	0.0000	-0.0004	0.0014	0.0022	-0.0007	-0.0019	0.0003	[redacted]	[redacted]	[redacted]	-0.0054	0.0000	-0.0005	0.0017	0.0033	-0.0009	-0.0018	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0703	-0.0359	-0.0788	0.1510	0.0076	-0.0018	-0.0282	0.0120	9.58	80.14%	11.96	-0.0927	-0.0456	-0.0965	0.1846	0.0113	-0.0022	-0.0411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0616	-0.0128	-0.0481	0.2131	0.0096	-0.0004	0.0998	0.0000	10.44	87.31%	11.96	-0.0773	-0.0162	-0.0570	0.2597	0.0158	-0.0004	0.1246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0017	-0.0055	0.0730	0.0100	0.0018	0.0764	0.0023	[redacted]	[redacted]	[redacted]	-0.0015	-0.0022	-0.0067	0.0912	0.0125	0.0021	0.0954	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1.82	-0.0020	-0.0039	-0.0110	0.0451	0.0043	-0.0016	0.0309	0.0463	1.26	69.17%	1.82	-0.0025	-0.0049	-0.0135	0.0543	0.0062	-0.0020	0.0376	0.54	0.56	0.58	0.60	0.60	29.75%	30.85%	31.96%	33.06%	33.06%
11.96	-0.0493	-0.0193	-0.0534	0.2800	0.0115	-0.0057	0.1638	0.0237	9.68	80.99%	11.96	-0.0670	-0.0263	-0.0631	0.3419	0.0181	-0.0060	0.1976	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1118	-0.0168	-0.0505	0.0426	0.0065	0.0074	-0.1226	0.0231	11.70	97.88%	11.96	-0.1409	-0.0213	-0.0618	0.0547	0.0094	0.0101	-0.1498	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0640	-0.1016	-0.1218	0.1099	0.0065	-0.0021	-0.1731	0.0136	[redacted]	[redacted]	[redacted]	-0.0814	-0.1283	-0.1469	0.1415	0.0100	-0.0026	-0.2077	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
16.18	-0.0784	-0.0123	-0.0652	0.4182	0.0107	-0.0057	0.2673	0.0457	15.25	94.26%	16.18	-0.0970	-0.0153	-0.0802	0.5086	0.0160	-0.0071	0.3250	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0252	-0.0319	-0.1134	0.2576	0.0110	-0.0044	0.0937	0.0182	9.86	94.52%	10.43	-0.0298	-0.0371	-0.1401	0.3132	0.0171	-0.0064	0.1169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0004	-0.0013	0.0000	0.0010	-0.0009	-0.0020	0.0000	[redacted]	[redacted]	[redacted]	-0.0005	-0.0005	-0.0016	0.0000	0.0015	-0.0011	-0.0022	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0563	-0.0553	-0.0860	0.0513	0.0073	-0.0019	-0.1409	0.0067	8.50	71.09%	11.96	-0.0680	-0.0704	-0.1053	0.0625	0.0111	-0.0024	-0.1725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.33	-0.0086	-0.0100	-0.0086	0.0027	0.0018	-0.0008	-0.0235	0.0000	1.32	39.70%	3.33	-0.0106	-0.0127	-0.0105	0.0034	0.0028	-0.0010	-0.0286	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0222	-0.0785	-0.0948	0.0664	0.0051	-0.0041	-0.1281	1.8107	[redacted]	[redacted]	[redacted]	-0.0290	-0.1023	-0.1100	0.0813	0.0087	-0.0043	-0.1556	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0160	-0.0467	-0.0457	0.0387	0.0007	-0.0006	-0.0696	0.0000	4.06	33.97%	11.96	-0.0196	-0.0588	-0.0551	0.0482	0.0008	-0.0005	-0.0850	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0132	-0.0278	-0.0985	0.1665	0.0133	-0.0081	0.0322	0.6335	12.21	75.48%	16.18	-0.0156	-0.0321	-0.1205	0.2018	0.0189	-0.0113	0.0412	0.53	0.59	0.62	0.71	1.03	4.45%	4.96%	5.21%	5.97%	8.66%
[redacted]	-0.1316	-0.0657	-0.0995	0.1133	0.0098	-0.0017	-0.1754	0.2714	[redacted]	[redacted]	[redacted]	-0.1609	-0.0837	-0.1195	0.1422	0.0155	-0.0021	-0.2085	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0173	-0.0650	-0.0597	0.0733	0.0076	0.0051	-0.0560	1.0781	8.42	70.42%	11.96	-0.0214	-0.0827	-0.0726	0.0931	0.0099	0.0064	-0.0673	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0570	-0.0283	-0.0711	0.1246	0.0071	-0.0014	-0.0261	0.0014	9.98	83.48%	11.96	-0.0741	-0.0360	-0.0870	0.1531	0.0104	-0.0018	-0.0354	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.98	-0.0612	-0.0142	-0.0373	0.1183	0.0103	-0.0004	0.0155	0.0000	7.30	91.54%	7.98	-0.0817	-0.0180	-0.0453	0.1444	0.0146	-0.0005	0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0395	-0.0181	-0.0538	0.0305	0.0071	-0.0012	-0.0750	0.0075	8.30	69.40%	11.96	-0.0478	-0.0230	-0.0655	0.0374	0.0108	-0.0015	-0.0896	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0694	-0.0197	-0.0646	0.0737	0.0083	-0.0004	-0.0721	0.0431	8.77	73.33%	11.96	-0.0838	-0.0250	-0.0789	0.0921	0.0121	-0.0004	-0.0839	0.00	0.22	0.20	0.20	0.20	0.00%	1.83%	1.67%	1.67%	1.67%
4.17	-0.0070	-0.0016	-0.0058	0.0401	0.0163	0.0042	0.0462	0.7500	2.92	69.99%	4.17	-0.0090	-0.0020	-0.0069	0.0503	0.0203	0.0049	0.0576	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0161	-0.0783	-0.1395	0.0781	0.0035	-0.0003	-0.1526	0.0061	9.34	57.76%	16.18	-0.0205	-0.0999	-0.1676	0.0959	0.0048	-0.0004	-0.1877	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0026	-0.0273	-0.0568	0.0352	0.0040	0.0003	-0.0472	0.2647	[redacted]	[redacted]	[redacted]	-0.0026	-0.0273	-0.0632	0.0451	0.0050	0.0005	-0.0425	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0040	-0.0179	-0.1037	0.1014	0.0058	-0.0043	-0.0227	3.0650	9.36	78.26%	11.96	-0.0085	-0.0414	-0.1243	0.1155	0.0079	-0.0043	-0.0551	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0460	-0.0824	-0.1152	0.1386	0.0088	-0.0014	-0.0976	0.0014	7.07	59.10%	11.96	-0.0528	-0.0950	-0.1414	0.1767	0.0129	-0.0019	-0.1015	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0109	-0.0221	-0.1375	0.1573	0.0122	-0.0059	-0.0069	0.0048	10.17	85.07%	11.96	-0.0135	-0.0281	-0.1634	0.1883	0.0200	-0.0076	-0.0043	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0653	-0.0240	-0.0649	0.0434	0.0078	-0.0008	-0.1038	0.0004	7.41	61.95%	11.96	-0.0800	-0.0305	-0.0794	0.0533	0.0113	-0.0010	-0.1263	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0563	-0.0176	-0.0803	0.0864	0.0087	-0.0007	-0.0598	0.0017	10.57	88.40%	11.96	-0.0665	-0.0219	-0.0984	0.1050	0.0129	-0.0009	-0.0698	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0468	-0.0031	-0.0373	0.2064	0.0082	0.0000	0.1274	0.0000	9.47	79.19%	11.96	-0.0642	-0.0043	-0.0456	0.2490	0.0121	0.0000	0.1470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0131	-0.0395	-0.1029	0.0528	0.0062	-0.0018	-0.0983	0.0000	7.64	63.92%	11.96	-0.0164	-0.0502	-0.1261	0.0644	0.0091	-0.0023	-0.1215	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0261	-0.0246	-0.0717	0.1339	0.0047	-0.0004	0.0158	3.4006	14.97	92.52%	16.18	-0.0321	-0.0306	-0.0867	0.1628	0.0070	-0.0005	0.0199	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1095	-0.0025	-0.0466	0.2712	0.0159	-0.0004	0.1281	0.0001	10.40	86.98%	11.96	-0.1338	-0.0032	-0.0561	0.3268	0.0247	-0.0005	0.1579	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0976	-0.0786	-0.1095	0.0210	0.0067	-0.0010	-0.2590	0.6284	[redacted]	[redacted]	[redacted]	-0.1184	-0.0988	-0.1355	0.0258	0.0095	-0.0014	-0.3188	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0071	-0.0011	-0.0059	0.0397	0.0048	0.0000	0.0304	3.9133	[redacted]	[redacted]	[redacted]	-0.0094	-0.0014	-0.0072	0.0484	0.0071	0.0000	0.0375	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	0.0000	0.0000	-0.0467	0.3091	0.0259	-0.0048	0.2835	0.0088	9.34	78.15%	11.96	0.0000	0.0000	-0.0560	0.3773	0.0366	-0.0059	0.3520	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1805	-0.0284	-0.0639	0.0848	0.0128	-0.0013	-0.1765	1.5444	11.39	95.28%	11.96	-0.2099	-0.0333	-0.0785	0.1059	0.0206	-0.0017	-0.1969	0.00	0.52	0.48	0.43	0.41	0.00%	4.74%	4.37%	3.92%	3.73%
[redacted]	-0.0044	-0.0603	-0.0938	0.0625	0.0027	0.0000	-0.0933	0.0000	[redacted]	[redacted]	[redacted]	-0.0054	-0.0768	-0.1141	0.0790	0.0038	0.0000	-0.1135	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.0479	-0.0098	-0.0557	0.0542	0.0125	-0.0010	-0.0477	0.0020	10.27	85.92%	11.96	-0.0540	-0.0109	-0.0679	0.0666	0.0184	-0.0027	-0.0505	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0116	0.2507	0.0195	-0.0004	0.2582	0.0222	9.15	76.53%	11.96	0.0000	0.0000	-0.0140	0.3090	0.0260	-0.0005	0.3205	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.0115	-0.0626	-0.0884	0.0390	0.0045	-0.0013	-0.1203	0.0203	7.54	85.65%	8.80	-0.0147	-0.0795	-0.1082	0.0483	0.0062	-0.0016	-0.1495	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0143	-0.0943	-0.2038	0.3211	0.0176	-0.0164	0.0099	2.8259	[redacted]	[redacted]	[redacted]	-0.0177	-0.1196	-0.2482	0.3902	0.0251	-0.0207	0.0091	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0144	-0.0159	-0.0111	0.0114	0.0070	0.0017	-0.0213	0.0089	[redacted]	[redacted]	[redacted]	-0.0169	-0.0194	-0.0132	0.0140	0.0089	0.0020	-0.0246	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0524	-0.1533	-0.2062	0.1075	0.0187	-0.0055	-0.2912	0.0709	[redacted]	[redacted]	[redacted]	-0.0691	-0.1950	-0.2525	0.1345	0.0256	-0.0068	-0.3633	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	0.0000	0.0000	-0.0946	0.0804	0.0126	-0.0034	-0.0050	0.0024	[redacted]	[redacted]	[redacted]	0.0000	0.0000	-0.1122	0.1031	0.0172	-0.0039	0.0042	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.0045	-0.0665	-0.0739	0.0067	0.0045	0.0000	-0.1337	0.0022	[redacted]	[redacted]	[redacted]	-0.0053	-0.0821	-0.0860	0.0083	0.0045	0.0000	-0.1606	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.1108	-0.0169	-0.0514	0.1176	0.0123	-0.0003	-0.0495	0.0368	10.69	89.40%	11.96	-0.1341	-0.0214	-0.0630	0.1475	0.0187	-0.0004	-0.0527	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0267	-0.0168	-0.0184	0.1345	0.0038	0.0083	0.0847	0.0000	[redacted]	[redacted]	[redacted]	-0.0325	-0.0212	-0.0219	0.1716	0.0052	0.0099	0.1111	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	0.0000	0.0000	0.0000	0.0008	0.0473	0.0000	0.0481	0.0000	[redacted]	[redacted]	[redacted]	0.0000	0.0000	0.0000	0.0010	0.0472	0.0000	0.0482	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.1847	-0.0252	-0.0759	0.0250	0.0123	-0.0016	-0.2501	0.2149	8.98	75.09%	11.96	-0.2332	-0.0320	-0.0928	0.0310	0.0185	-0.0021	-0.3106	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0404	-0.0827	-0.1430	0.2957	0.0094	-0.0035	0.0355	0.0015	13.29	82.18%	16.18	-0.0501	-0.1048	-0.1730	0.3698	0.0135	-0.0045	0.0509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0012	-0.0303	0.0020	0.0055	-0.0003	-0.0247	0.0109	[redacted]	[redacted]	[redacted]	-0.0004	-0.0012	-0.0366	0.0025	0.0068	-0.0004	-0.0293	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	-0.1467	-0.1013	-0.1280	0.1204	0.0065	-0.0016	-0.2507	0.1439	[redacted]	[redacted]	[redacted]	-0.1793	-0.1288	-0.1566	0.1470	0.0098	-0.0021	-0.3100	0.00	0.00	0.00	0.00	0.00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
11.96	-0.1181	-0.0055	-0.0373	0.2743	0.0099	-0.0004	0.1229	0.0000	9.54	79.77%	11.96	-0.1424	-0.0066	-0.0441	0.3402	0.0163	-0.0005	0.1629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0553	-0.0650	-0.1239	0.2182	0.0106	-0.0073	-0.0227	0.2871	11.74	83.18%	14.12	-0.0608	-0.0706	-0.1512	0.2817	0.0156	-0.0117	0.0030	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0006	-0.0026	-0.0141	0.0415	0.0027	-0.0026	0.0243	0.0000	1.44	51.40%	2.80	-0.0006	-0.0026	-0.0170	0.0502	0.0039	-0.0033	0.0306	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0223	-0.0518	-0.0739	0.1476	0.0050	-0.0007	0.0039	3.6330	9.25	64.68%	14.29	-0.0291	-0.0658	-0.0924	0.1828	0.0067	-0.0009	0.0013	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [25]	Cumulative Demand (MW) [25

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0109	-0.0023	-0.0390	0.0442	0.0115	-0.0030	0.0005	0.0000	10.70	89.47%	11.96	-0.0177	-0.0040	-0.0486	0.0521	0.0171	-0.0033	-0.0044	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0383	-0.0459	-0.0709	0.0558	0.0062	-0.0018	-0.0949	0.0045	[redacted]			-0.0452	-0.0541	-0.0868	0.0698	0.0095	-0.0024	-0.1092	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.87	-0.0321	-0.0083	-0.0203	0.0656	0.0023	-0.0008	0.0064	0.0000	1.76	94.36%	1.87	-0.0344	-0.0091	-0.0249	0.0807	0.0034	-0.0019	0.0138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0592	-0.0707	-0.0954	0.0906	0.0059	-0.0059	-0.1347	0.0098	10.19	85.25%	11.96	-0.0780	-0.0897	-0.1127	0.1107	0.0097	-0.0063	-0.1663	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0075	-0.0882	-0.1118	0.0542	0.0029	0.0014	-0.1490	0.0010	8.16	68.27%	11.96	-0.0090	-0.1089	-0.1356	0.0687	0.0032	0.0020	-0.1796	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0293	-0.1629	-0.2294	0.2094	0.0080	0.0005	-0.2037	0.0092	[redacted]			-0.0377	-0.2076	-0.2830	0.2610	0.0108	0.0006	-0.2559	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0058	-0.0354	-0.0776	0.0976	0.0034	-0.0048	-0.0226	0.0016	12.65	78.20%	16.18	-0.0069	-0.0437	-0.0941	0.1195	0.0050	-0.0061	-0.0263	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
28.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	28.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0361	-0.0299	-0.0761	0.1066	0.0083	-0.0021	-0.0293	0.0052	9.01	75.34%	11.96	-0.0459	-0.0380	-0.0935	0.1282	0.0126	-0.0026	-0.0392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2542	-0.0260	-0.0693	0.1342	0.0102	-0.0002	-0.2053	0.1251	11.65	97.46%	11.96	-0.3317	-0.0336	-0.0842	0.1635	0.0157	-0.0002	-0.2705	0.30	0.28	0.24	0.20	0.15	2.61%	2.43%	2.09%	1.74%	1.30%
11.96	-0.1044	-0.0101	-0.0534	0.1715	0.0073	-0.0004	0.0105	0.0000	9.95	83.24%	11.96	-0.1369	-0.0129	-0.0654	0.2098	0.0108	-0.0005	0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0211	-0.0253	-0.0202	0.0034	0.0056	0.0020	-0.0556	0.0010	8.18	97.96%	8.35	-0.0258	-0.0322	-0.0242	0.0045	0.0069	0.0026	-0.0682	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	0.0000	0.0000	-0.0348	0.0133	0.0235	-0.0036	-0.0016	1.3393	8.38	79.35%	10.57	0.0000	0.0000	-0.0426	0.0164	0.0301	-0.0045	-0.0006	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0376	-0.0074	-0.0231	0.0547	0.0057	-0.0001	-0.0078	0.1387	[redacted]			-0.0432	-0.0089	-0.0282	0.0683	0.0094	-0.0002	-0.0028	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0103	-0.0704	-0.1227	0.1118	0.0054	-0.0039	-0.0901	0.5810	[redacted]			-0.0131	-0.0933	-0.1499	0.1359	0.0075	-0.0050	-0.1179	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0191	-0.0675	-0.1246	0.1089	0.0049	-0.0015	-0.0989	0.0000	9.08	56.13%	16.18	-0.0228	-0.0795	-0.1522	0.1389	0.0072	-0.0022	-0.1106	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0714	-0.0065	-0.0102	0.0083	0.0029	-0.0001	-0.0770	0.5448	[redacted]			-0.0796	-0.0074	-0.0125	0.0108	0.0045	-0.0003	-0.0845	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0418	-0.0016	-0.0350	0.1282	0.0121	-0.0004	0.0615	0.0000	10.58	88.49%	11.96	-0.0554	-0.0023	-0.0428	0.1509	0.0176	-0.0005	0.0675	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0243	-0.0505	-0.0694	0.0272	0.0037	-0.0004	-0.1137	0.1167	[redacted]			-0.0303	-0.0642	-0.0854	0.0333	0.0051	-0.0006	-0.1421	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.40	0.0000	0.0000	-0.0145	0.0498	0.0085	-0.0003	0.0435	0.0007	2.15	89.53%	2.40	0.0000	0.0000	-0.0164	0.0648	0.0119	0.0001	0.0604	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0078	-0.0264	-0.0389	0.0323	0.0085	0.0018	-0.0305	0.0000	[redacted]			-0.0097	-0.0336	-0.0474	0.0402	0.0107	0.0024	-0.0374	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1883	-0.0212	-0.0543	0.1657	0.0081	0.0000	-0.0900	0.0306	11.29	94.39%	11.96	-0.2363	-0.0269	-0.0661	0.2053	0.0125	0.0000	-0.1115	1.07	1.04	1.02	1.83	1.83	11.35%	11.03%	10.82%	19.34%	19.34%
11.96	-0.0066	-0.0163	-0.1126	0.1518	0.0074	-0.0033	0.0204	0.0129	9.69	81.07%	11.96	-0.0080	-0.0207	-0.1382	0.1816	0.0111	-0.0041	0.0217	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	0.0000	0.0000	-0.0388	0.1265	0.0295	-0.0052	0.1120	0.0146	7.91	56.03%	14.12	0.0000	0.0000	-0.0462	0.1830	0.0362	-0.0061	0.1669	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0339	-0.0275	-0.0367	0.0414	0.0041	-0.0024	-0.0550	0.0007	4.52	37.81%	11.96	-0.0411	-0.0350	-0.0447	0.0530	0.0062	-0.0030	-0.0646	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0225	-0.0704	-0.0686	0.0304	0.0033	0.0006	-0.1272	0.0187	6.94	58.08%	11.96	-0.0271	-0.0896	-0.0808	0.0386	0.0049	0.0006	-0.1534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0165	-0.0208	-0.0426	0.0162	0.0040	-0.0078	-0.0675	0.0089	4.49	64.49%	6.96	-0.0213	-0.0264	-0.0522	0.0203	0.0061	-0.0097	-0.0832	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0108	-0.0120	0.0114	0.0044	0.0000	-0.0086	0.0007	[redacted]			-0.0020	-0.0138	-0.0145	0.0142	0.0052	0.0000	-0.0109	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0145	-0.0886	-0.1205	0.0757	0.0045	-0.0065	-0.1499	1.0588	10.52	88.01%	11.96	-0.0181	-0.1125	-0.1425	0.0924	0.0074	-0.0069	-0.1802	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0679	-0.0101	-0.0208	0.0618	0.0033	-0.0004	-0.0341	0.0128	3.58	29.97%	11.96	-0.0823	-0.0129	-0.0254	0.0762	0.0047	-0.0005	-0.0402	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0208	-0.0034	-0.0106	0.0509	0.0039	-0.0005	0.0195	0.0000	2.67	98.47%	2.71	-0.0256	-0.0041	-0.0124	0.0631	0.0068	-0.0006	0.0272	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0240	-0.0320	-0.0482	0.0918	0.0045	-0.0018	-0.0097	0.0021	6.72	64.45%	10.43	-0.0305	-0.0407	-0.0571	0.1120	0.0074	-0.0019	-0.0108	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0330	-0.0508	-0.0933	0.1960	0.0159	-0.0043	0.0305	0.6055	10.26	85.81%	11.96	-0.0399	-0.0627	-0.1143	0.2380	0.0245	-0.0061	0.0395	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0056	0.0000	-0.0161	0.0199	0.0128	-0.0045	0.0065	0.0062	[redacted]			-0.0060	0.0000	-0.0197	0.0242	0.0180	-0.0058	0.0107	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.26	-0.0160	-0.0185	-0.0142	0.0167	0.0045	0.0018	-0.0257	0.0094	3.76	60.07%	6.26	-0.0190	-0.0229	-0.0176	0.0225	0.0054	0.0023	-0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0235	-0.0384	-0.0774	0.0619	0.0073	-0.0091	-0.0792	0.0034	[redacted]			-0.0289	-0.0489	-0.0939	0.0798	0.0112	-0.0107	-0.0914	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0102	-0.0612	-0.1190	0.0797	0.0034	-0.0009	-0.1082	0.1981	[redacted]			-0.0126	-0.0779	-0.1456	0.0973	0.0050	-0.0011	-0.1349	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.00	-0.0833	-0.0183	-0.0584	0.3018	0.0054	-0.0029	0.1443	0.0176	10.55	95.87%	11.00	-0.1024	-0.0231	-0.0723	0.3741	0.0080	-0.0037	0.1806	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0119	-0.0276	-0.0446	0.0500	0.0029	-0.0018	-0.0330	10.6384	[redacted]			-0.0152	-0.0373	-0.0532	0.0597	0.0042	-0.0021	-0.0439	0.00	0.00	0.00	3.27	3.37	[redacted]				
16.18	-0.0398	-0.0445	-0.1067	0.2309	0.0084	-0.0024	0.0459	1.1040	15.57	96.28%	16.18	-0.0496	-0.0554	-0.1303	0.2808	0.0119	-0.0030	0.0544	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0465	-0.0452	-0.0838	0.1861	0.0066	-0.0010	0.0162	0.0221	[redacted]			-0.0581	-0.0575	-0.1016	0.2270	0.0098	-0.0012	0.0184	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0652	-0.0104	-0.0321	0.0907	0.0065	-0.0006	-0.0111	0.0000	6.23	52.11%	11.96	-0.0799	-0.0132	-0.0392	0.1093	0.0100	-0.0007	-0.0137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0134	-0.0047	-0.0115	0.1600	0.0055	-0.0008	0.1351	0.0000	2.05	70.11%	2.93	-0.0134	-0.0047	-0.0131	0.2223	0.0079	-0.0009	0.1981	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0396	-0.0738	-0.1134	0.1105	0.0111	-0.0021	-0.1073	0.0080	10.70	89.47%	11.96	-0.0490	-0.0961	-0.1379	0.1383	0.0169	-0.0025	-0.1303	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0061	-0.0701	-0.0824	0.0252	0.0047	0.0011	-0.1276	0.0000	[redacted]			-0.0074	-0.0893	-0.0991	0.0315	0.0047	0.0015	-0.1581	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0111	-0.0431	-0.0599	0.0833	0.0051	-0.0017	-0.0274	0.1468	[redacted]			-0.0144	-0.0548	-0.0738	0.1105	0.0080	-0.0021	-0.0266	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0609	-0.0182	-0.0546	0.1885	0.0094	-0.0008	0.0634	0.0071	10.86	90.83%	11.96	-0.0753	-0.0232	-0.0657	0.2304	0.0156	-0.0010	0.0808	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0194	-0.0552	-0.0722	0.0784	0.0139	-0.0031	-0.0576	0.0000	[redacted]			-0.0270	-0.0748	-0.0872	0.0939	0.0189	-0.0036	-0.0798	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0089	-0.0727	-0.0949	0.0300	0.0044	0.0006	-0.1415	0.0118	8.57	71.65%	11.96	-0.0111	-0.0924	-0.1156	0.0374	0.0061	0.0007	-0.1749	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0032	-0.0012	-0.0119	0.0382	0.0048	-0.0018	0.0249	0.1050	2.38	84.96%	2.80	-0.0042	-0.0015	-0.0145	0.0457	0.0067	-0.0024	0.0298	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0982	-0.0348	-0.0476	0.1763	0.0106	-0.0002	0.0061	0.3913	8.87	83.91%	10.57	-0.1253	-0.0443	-0.0603	0.2249	0.0143	-0.0001	0.0092	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.08	-0.0129	-0.0019	-0.0112	0.0280	0.0044	-0.0008	0.0056	0.0000	1.77	85.12%	2.08	-0.0165	-0.0024	-0.0138	0.0340	0.0066	-0.0010	0.0069	0.51	0.51	0.51	0.51	0.51	226.67%	226.67%	226.67%	226.67%	226.67%
[redacted]	-0.0125	-0.0036	-0.0256	0.2041	0.0042	-0.0048	0.1618	0.0000	[redacted]			-0.0144	-0.0043	-0.0314	0.2480	0.0062	-0.0063	0.1978	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0047	-0.0584	-0.0846	0.0458	0.0013	0.0002	-0.1004	0.0069	5.38	45.00%	11.96	-0.0057	-0.0738	-0.1066	0.0596	0.0013	0.0002	-0.1250	1.12	1.12	1.12	1.12	1.07	124.44%	124.44%	124.44%	124.44%	118.89%
8.35	-0.0653	-0.0527	-0.0414	0.0250	0.0056	0.0004	-0.1284	0.0181	5.48	65.66%	8.35	-0.0811	-0.0672	-0.0498	0.0312	0.0071	0.0005	-0.1593	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0645	-0.1228	0.0559	0.0087	-0.0027	-0.1458	0.0035	7.73	64.62%	11.96	-0.0289	-0.0864	-0.1500	0.0691	0.0118	-0.0032	-0.1876	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0405	-0.0086	-0.0771	0.1226	0.0103	-0.0106	-0.0039	0.6720	10.51	87.94%	11.96	-0.0530	-0.0109	-0.0925	0.1469	0.0156	-0.0140	-0.0079	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0289	0.0012	0.0837	0.0000	0.0560	0.0000	[redacted]			0.0000	0.0000	-0.0351	0.0014	0.0831	0.0000	0.0494	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0203	-0.0714	-0.0969	0.0274	0.0032	-0.0011	-0.1591	3.1843	11.69	97.80%	11.96	-0.0260	-0.0909	-0.1155	0.0386	0.0046	-0.0013	-0.1905	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0124	-0.0660	-0.0878	0.0463	0.0046	-0.0041	-0.1194	0.1766	8.29	69.30%	11.96	-0.0160	-0.0839	-0.1066	0.0576	0.0066	-0.0051	-0.1474	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0167	-0.0697	-0.1040	0.1098	0.0042	-0.0058	-0.0822	0.0130	10.13	84.71%	11.96	-0.0207	-0.0886	-0.1265	0.1368	0.0064	-0.0060	-0.0986	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0389	-0.0434	-0.0799	0.1599	0.0056	-0.0005	0.0028	0.0000	8.57	81.10%	10.57	-0.0540	-0.0581	-0.0965	0.1938	0.0077	-0.0004	-0.0075	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.0170	-0.0266	-0.0489	0.2113	0.0156	-0.0025	0.1319	0.0030	5.95	67.59%	8.80	-0.0229	-0.0355	-0.0601	0.2681	0.0219	-0.0030	0.1685	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0047	-0.0042	0.0038	0.0003	0.0000	-0.0060	0.0002	[redacted]			-0.0015	-0.0060	-0.0051	0.0047	0.0003	0.0000	-0.0076	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0054	-0.0927	-0.0803	0.0325	0.0087	0.0017	-0.1355	0.0008	[redacted]			-0.0065	-0.1168	-0.0939	0.0406	0.0102	0.0022	-0.1642	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.65	-0.0325	-0.0776	-0.1075	0.1345	0.0076	-0.0053	-0.0808	0.0000	9.43	80.97%	11.65	-0.0403	-0.0985	-0.1315	0.1641	0.0113	-0.0066	-0.1015	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0138	-0.0391	-0.1102	0.1377	0.0063	-0.0015	-0.0206	1.9967	[redacted]			-0.0172	-0.0497	-0.1335	0.1658	0.0094	-0.0018	-0.0270	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0646	-0.0412	-0.0833	0.0407	0.0110	-0.0013	-0.1387	0.0321	8.20	68.60%	11.96	-0.0785	-0.0524	-0.1023	0.0492	0.0154	-0.0017	-0.1703	0.98	2.04	2.37	2.78	3.85	9.11%	19.35%	22.49%	26.38%	36.91%
10.87	-0.0610	-0.0397	-0.0891	0.1927	0.0075	-0.0009	0.0095	1.1955	8.82	81.16%	10.87	-0.0755	-0.0472	-0.1092	0.2392	0.0112	-0.0012	0.0173	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.44	-0.0273	-0.0026	-0.0096	0.0019	0.0130	0.0033	-0.0213	0.0000	1.70	49.56%	3.44	-0.0343	-0.0035	-0.0118	0.0024	0.0165	0.0046	-0.0261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0361	-0.0358	-0.0685	0.1337	0.0071	-0.0025	-0.0021	0.0060	8.82	73.75%	11.96	-0.0464	-0.0454	-0.0823	0.1632	0.0113	-0.0031	-0.0027	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0004	0.0000	-0.0286	0.1443	0.0144	-0.0097	0.1200	0.8595	8.01	67.00%	11.96	-0.0005	0.0000	-0.0353	0.1752	0.0196	-0.0136	0.1454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0449	-0.0397	-0.0581	0.1873	0.0057	-0.0063	0.0440	0.0003	8.24	68.90%	11.96	-0.0568	-0.0503	-0.0695	0.2288	0.0089	-0.0078	0.0533	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0274	-0.0698	0.0353	0.0012	-0.0004	-0.0619	0.0034	[redacted]			-0.0010	-0.0348	-0.0859	0.0425	0.0012	-0.0005	-0.0785	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0342	-0.0513	-0.0950	0.0909	0.0051	-0.0026	-0.0871	0.0067	9.35	57.77%	16.18	-0.0433	-0.0651	-0.1156	0.1109	0.0080	-0.0032	-0.1083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0461	-0.1009	-0.1847	0.0737	0.0053	-0.0009	-0.2536	0.0056	[redacted]			-0.0597	-0.1285	-0.2262	0.0899	0.0080	-0.0014	-0.3179	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0343	-0.0559	-0.0942	0.3005	0.0066	-0.0007	0.1220	0.0000	12.70	78.53%	16.18	-0.0442	-0.0711	-0.1147	0.3773	0.0099	-0.0009	0.1563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2991	-0.0225	-0.0739	0.3741	0.0107	0.0003	-0.0104	0.0000	[redacted]			-0.3472	-0.0265	-0.0903	0.4664	0.0168	0.0002	0.0194	1.17	1.28	0.13	0.28	0.33	[redacted]				
2.39	-0.0097	-0.0155	-0.0191	0.0482	0.0032	-0.0005	0.0066	0.0033	2.04	85.60%	2.39	-0.0124	-0.0197	-0.0235	0.0588	0.0052	-0.0006	0.0078	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0427	-0.0127	-0.0422	0.1069	0.0070	-0.0004	0.0159	0.9571	7.69	64.36%	11.96	-0.0533	-0.0161	-0.0517	0.1305	0.0103	-0.0005	0.0192	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0116	-0.0286	-0.0625	0.1139	0.0054	-0.0020	0.0146	0.0000	7.07	59.10%	11.96	-0.0145	-0.0363	-0.0762	0.1376	0.0082	-0.0025	0.0163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0653	-0.0201	-0.0669	0.3248	0.0091	-0.0006	0.1810	0.0111	12.24	75.65%	16.18	-0.0815	-0.0256	-0.0819	0.4095	0.0132	-0.0007	0.2330	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0086	-0.0029	-0.0083	0.0571	0.0040	-0.0001	0.0412	0.0059	2.19	74.73%	2.93	-0.0112	-0.0037	-0.0102	0.0697	0.0057	-0.0001	0.0502	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0073	-0.0630	-0.0895	0.0441	0.0029	-0.0004	-0.1132	0.0011	[redacted]			-0.0091	-0.0805	-0.1064	0.0547	0.0038	-0.0005	-0.1380	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0741	-0.0237	-0.0763	0.2156	0.0103	-0.0004	0.0514	0.0019	[redacted]			-0.0956	-0.0302	-0.0904	0.2595	0.0167	-0.0005	0.0595	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0043	-0.0972	-0.1199	0.0058	0.0194	0.0000	-0.1962	0.0000	[redacted]			-0.0052	-0.1238	-0.1465	0.0072	0.0192	0.0000	-0.2491	2.24	2.24	3.11	3.11	3.07	[redacted]				
16.18	-0.0237	-0.0984	-0.1470	0.0519	0.0067	-0.0008	-0.2113	8.1319	13.40	82.85%	16.18	-0.0303	-0.1252	-0.1797	0.0655	0.0097	-0.0010	-0.2610	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0109	-0.0424	-0.0510	0.0352	0.0041	-0.0039	-0.0689	0.3943	[redacted]			-0.0135	-0.0539	-0.0619	0.0429	0.0061	-0.0048	-0.0851	1.36	1.63	1.72	1.72	1.63	[redacted]				
10.43	-0.0204	-0.0394	-0.0804	0.0818	0.0062	-0.0004	-0.0526	0.0000	5.68	54.47%	10.43	-0.0259	-0.0501	-0.0967	0.1004	0.0102	-0.0005	-0.0626	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0352	-0.0911	0.0481	0.0055	0.0000	-0.0751	0.0000	[redacted]			-0.0032	-0.0486	-0.1131	0.0601	0.0054	0.0000	-0.0994	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0153	-0.0280	-0.0525	0.0683	0.0061	-0.0033	-0.0247	0.0101	5.74	48.00%	11.96	-0.0189	-0.0355	-0.0643	0.0822	0.0089	-0.0041	-0.0317	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0415	-0.0107	-0.0404	0.0397	0.0059	-0.0005	-0.0475	0.0329	5.21	62.47%	8.35	-0.0526	-0.0136	-0.0489	0.0499	0.0084	-0.0006	-0.0574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0001	-0.0663	0.2501	0.0272	-0.0047	0.2050	0.0005	[redacted]			-0.0012	-0.0001	-0.0780	0.3152	0.0308	-0.0048	0.2619	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0310	-0.0224	-0.0705	0.1897	0.0092	-0.0033	0.0717	0.0000	8.63	72.14%	11.96	-0.0401	-0.0284	-0.0867	0.2292	0.0131	-0.0042	0.0829	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0523	-0.1826	-0.1845	0.1030	0.0077	-0.0099	-0.3186	3.5789	11.80	72.92%	16.18	-0.0685	-0.2324	-0.2233	0.1306	0.0106	-0.0123	-0.3953	2.06	4.00	3.88	3.79	3.68	17.12%	32.68%	31.65%	30.84%	29.87%
2.93	-0.0074	-0.0099	-0.0265	0.0404	0.0053	-0.0008	0.0011	-0.0030	2.93	99.92%	2.93	-0.0096	-0.0125	-0.0325	0.0486	0.0075	-0.0010	0.0005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0068	-0.0029	-0.0151	0.0355	0.0049	-0.0014	0.0142	0.0089	2.81	96.00%	2.93	-0.0081	-0.0033	-0.0185	0.0430	0.0070	-0.0021	0.0180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0176	-0.0003	-0.0090	0.0325	0.0051	-0.0005	0.0102	0.0016	2.61	88.95%	2.93	-0.0200	-0.0003	-0.0110	0.0395	0.0079	-0.0009	0.0152	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0292	-0.0591	-0.0693	0.0974	0.0043	-0.0002	-0.0561	9.6629	12.28	75.93%	16.18	-0.0369	-0.0766	-0.0872	0.1188	0.0066	-0.0003	-0.0756	0.00	0.00	0.00	0.00	1.80	0.00%	0.00%	0.00%	0.00%	12.24%
11.96	-0.0728	-0.0445	-0.0811	0.0894	0.0103	-0.0022	-0.1009	0.1895	9.96	83.34%	11.96	-0.0895	-0.0566	-0.0980	0.1095	0.0158	-0.0027	-0.1215	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0012	-0.0017	0.0000	0.0062	0.0000	0.0033	0.0468	[redacted]			0.0000	-0.0015	-0.0020	0.0000	0.0077	0.0000	0.0042	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0055	-0.0019	-0.0136	0.0079	0.0040	-0.0015	-0.0106	0.0000	[redacted]			-0.0068	-0.0024	-0.0167	0.0095	0.0059	-0.0019	-0.0124	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0414	-0.0101	-0.0607	0.0744	0.0082	-0.0043	-0.0339	1.1126	10.47	87.53%	11.96	-0.0507	-0.0121	-0.0749	0.0910	0.0118	-0.0061	-0.0410	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0683	-0.0007	-0.0168	0.0680	0.0060	-0.0009	-0.0127	0.0000	6.37	53.31%	11.96	-0.0743	-0.0008	-0.0205	0.0853	0.0096	-0.0019	-0.0026	1.39	1.39	1.39	1.39	1.42	231.67%	231.67%	231.67%	231.67%	236.67%
2.93	-0.0152	-0.0022	-0.0128	0.0990	0.0041	-0.0004	0.0725	0.0000	2.83	96.56%	2.93	-0.0202	-0.0028	-0.0156	0.1263	0.0063	-0.0004	0.0936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0249	-0.0030	-0.0295	0.2189	0.0100	-0.0001	0.1714	0.0000	8.27	69.20%	11.96	-0.0271	-0.0033	-0.0363	0.2681	0.0146	-0.0011	0.2149	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0649	-0.0410	-0.1152	0.0750	0.0102	-0.0046	-0.1405	1.3075	9.88	82.63%	11.96	-0.0723	-0.0456	-0.1380	0.0914	0.0158	-0.0074	-0.1561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0037	-0.0375	-0.0521	0.0370	0.0044	-0.0002	-0.0521	0.7672	4.65	29.30%	15.88	-0.0045	-0.0477	-0.0643	0.0461	0.0066	-0.0002	-0.0640	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0455	-0.0777	-0.1609	0.1265	0.0094	-0.0077	-0.1559	0.0041	14.02	86.70%	16.18	-0.0593	-0.0965	-0.1972	0.1556	0.0135	-0.0097	-0.1936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0363	-0.0200	-0.0415	0.1577	0.0064	-0.0016	0.0647	0.0250	9.53	90.18%	10.57	-0.0429	-0.0239	-0.0502	0.1963	0.0098	-0.0019	0.0872	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0396	-0.0241	-0.0528	0.0849	0.0078	-0.0024	-0.0262	0.0027	8.41	70.35%	11.96	-0.0557	-0.0330	-0.0649	0.1018	0.0115	-0.0029	-0.0432	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0921	-0.1441	0.0266	0.0030	-0.0003	-0.2097	2.2722	[redacted]			-0.0034	-0.1173	-0.1760	0.0329	0.0031	-0.0003	-0.2610	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0438	-0.1308	-0.2171	0.1918	0.0107	-0.0029	-0.1921	0.0325	9.79	69.32%	14.12	-0.0524	-0.1575	-0.2579	0.2461	0.0172	-0.0045	-0.2090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0696	-0.0230	-0.0977	0.1794	0.0089	-0.0069	-0.0089	0.0082	[redacted]			-0.0877	-0.0293	-0.1175	0.2154	0.0130	-0.0092	-0.0153	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.1360	-0.0553	-0.0936	0.1007	0.0079	-0.0002	-0.1765	0.0004	12.69	78.45%	16.18	-0.1703	-0.0702	-0.1139	0.1274	0.0113	-0.0004	-0.2161	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0392	-0.0335	-0.0823	0.2134	0.0078	-0.0024	0.0638	0.0079	11.07	68.45%	16.18	-0.0501	-0.0441	-0.0974	0.2563	0.0126	-0.0025	0.0748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1467	-0.0272	-0.0673	0.0759	0.0079	-0.0001	-0.1575	0.0213	8.03	76.94%	10.43	-0.1934	-0.0347	-0.0813	0.1014	0.0116	-0.0001	-0.1965	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0394	-0.0848	-0.0690	0.0080	0.0046	0.0045	-0.1761	0.1031	7.92	66.22%	11.96	-0.0482	-0.1081	-0.0834	0.0101	0.0059	0.0059	-0.2178	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0093	0.0692	0.0101	-0.0008	0.0692	0.0006	1.93	65.89%	2.93	0.0000	0.0000	-0.0113	0.0851	0.0147	-0.0010	0.0875	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0035	-0.0390	-0.0527	0.0198	0.0033	-0.0011	-0.0732	2.6982	[redacted]			-0.0044	-0.0499	-0.0644	0.0241	0.0045	-0.0013	-0.0914	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0127	-0.0016	-0.0352	1.0420	0.0081	-0.0059	0.9947	0.0004	9.24	65.41%	14.12	-0.0150	-0.0020	-0.0426	1.2546	0.0119	-0.0085	1.1984	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0755	-0.1127	0.1151	0.0065	-0.0019	-0.0889	0.0080	8.84	73.95%	11.96	-0.0253	-0.0961	-0.1361	0.1427	0.0091	-0.0020	-0.1077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0032	-0.0082	-0.0986	0.0031	0.0336	-0.0023	-0.0756	10.8359	[redacted]			-0.0032	-0.0082	-0.1160	0.0038	0.0394	-0.0033	-0.0875	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0471	-0.0334	-0.0655	0.0579	0.0076	-0.0008	-0.0813	0.0000	9.50	79.41%	11.96	-0.0538	-0.0397	-0.0801	0.0720	0.0117	-0.0010	-0.0909	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0779	-0.0757	-0.0721	0.1531	0.0051	-0.0033	-0.0708	0.0004	8.60	71.92%	11.96	-0.0942	-0.0918	-0.0879	0.1920	0.0077	-0.0036	-0.0778	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0127	-0.0095	0.0101	0.0017	-0.0009	-0.0133	0.0000	[redacted]			-0.0025	-0.0161	-0.0116	0.0125	0.0024	-0.0011	-0.0164	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0812	-0.0129	-0.0317	0.0592	0.0066	-0.0003	-0.0603	0.0041	7.15	59.79%	11.96	-0.0993	-0.0164	-0.0389	0.0722	0.0101	-0.0004	-0.0727	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.02	0.0000	0.0000	-0.0124	0.0706	0.0134	0.0008	0.0724	0.0079	3.95	43.77%	9.02	0.0000	0.0000	-0.0152	0.0884	0.0176	0.0008	0.0916	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0785	-0.0093	-0.0522	0.0320	0.0172	-0.0017	-0.0925	0.0079	9.32	77.93%	11.96	-0.0982	-0.0118	-0.0640	0.0393	0.0255	-0.0021	-0.1113	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0711	-0.0206	-0.0721	0.0885	0.0130	-0.0054	-0.0677	0.0283	10.89	91.05%	11.96	-0.0812	-0.0243	-0.0877	0.1077	0.0202	-0.0077	-0.0730	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0978	-0.1603	0.0249	0.0053	0.0000	-0.2303	1.8483	[redacted]			-0.0029	-0.1244	-0.1961	0.0311	0.0053	0.0000	-0.2870	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.00	-0.0020	-0.1592	-0.2305	0.0210	0.0041	-0.0011	-0.3677	0.0050	10.58	75.56%	14.00	-0.0025	-0.2025	-0.2811	0.0260	0.0052	-0.0012	-0.4561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0032	-0.0082	-0.0181	0.0393	0.0039	-0.0015	0.0122	0.0038	2.26	94.53%	2.39	-0.0039	-0.0104	-0.0222	0.0473	0.0059	-0.0019	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023												2024												2025											
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.39	-0.0004	-0.0011	-0.0026	0.0077	0.0018	-0.0002	0.0052	0.0001	1.37	57.37%	2.39	-0.0004	-0.0011	-0.0026	0.0077	0.0018	-0.0002	0.0052	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1022	-0.0228	-0.0513	0.1071	0.0080	-0.0006	-0.0618	0.1093	9.61	92.05%	10.43	-0.1316	-0.0290	-0.0606	0.1376	0.0133	-0.0006	-0.0709	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.66	-0.0087	-0.0011	-0.0122	0.0231	0.0033	-0.0016	0.0028	0.0000	3.60	98.35%	3.66	-0.0125	-0.0016	-0.0146	0.0275	0.0049	-0.0017	0.0020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	0.0000	0.0000	-0.0030	0.0775	0.0084	-0.0002	0.0827	0.0000	0.91	45.88%	1.98	0.0000	0.0000	-0.0037	0.0964	0.0108	-0.0002	0.1033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0378	-0.0231	-0.0868	0.2699	0.0093	-0.0015	0.1300	0.8286	13.41	82.89%	16.18	-0.0468	-0.0293	-0.1062	0.3260	0.0142	-0.0019	0.1560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0048	-0.0601	-0.0982	0.1438	0.0048	-0.0009	-0.0154	0.4966	10.68	75.68%	14.12	-0.0059	-0.0765	-0.1183	0.1868	0.0067	-0.0014	-0.0086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.1817	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0716	-0.0068	-0.0366	0.0713	0.0092	-0.0020	-0.0365	0.0179	7.72	64.60%	11.96	-0.0966	-0.0095	-0.0448	0.0854	0.0132	-0.0022	-0.0545	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0896	-0.0246	-0.0753	0.0472	0.0100	-0.0056	-0.1379	0.0190	10.23	91.88%	11.13	-0.1123	-0.0312	-0.0925	0.0580	0.0150	-0.0070	-0.1700	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0133	-0.0315	-0.1019	0.0267	0.0067	-0.0070	-0.1203	0.0110	[redacted]			-0.0186	-0.0462	-0.1218	0.0319	0.0101	-0.0078	-0.1524	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0580	-0.0793	-0.1085	0.0225	0.0060	-0.0061	-0.2234	0.0000	[redacted]			-0.0728	-0.1027	-0.1282	0.0293	0.0088	-0.0075	-0.2731	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0250	-0.0239	-0.0786	0.0503	0.0071	-0.0031	-0.0732	0.6584	[redacted]			-0.0330	-0.0316	-0.0967	0.0611	0.0105	-0.0037	-0.0934	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.43	-0.0058	-0.0130	-0.0132	0.0049	0.0031	-0.0016	-0.0256	0.0000	1.31	54.02%	2.43	-0.0072	-0.0157	-0.0162	0.0060	0.0049	-0.0020	-0.0302	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0157	-0.0043	-0.0418	0.0522	0.0100	-0.0045	-0.0041	0.1151	10.01	95.92%	10.43	-0.0202	-0.0055	-0.0507	0.0634	0.0143	-0.0059	-0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0057	-0.0076	-0.0181	0.0131	0.0031	-0.0004	-0.0156	0.0000	[redacted]			-0.0074	-0.0104	-0.0221	0.0162	0.0042	-0.0005	-0.0200	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0809	-0.0209	-0.0806	0.0580	0.0072	-0.0023	-0.1195	0.0046	10.09	84.36%	11.96	-0.1073	-0.0266	-0.0990	0.0698	0.0108	-0.0029	-0.1552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0438	-0.0227	-0.0706	0.0538	0.0108	-0.0036	-0.0761	0.0124	10.58	88.51%	11.96	-0.0566	-0.0288	-0.0845	0.0650	0.0167	-0.0045	-0.0927	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0420	-0.0139	-0.0932	0.4076	0.0152	-0.0132	0.2605	0.0017	11.70	97.81%	11.96	-0.0544	-0.0176	-0.1094	0.4884	0.0264	-0.0179	0.3155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.66	-0.0004	0.0000	-0.0046	0.0040	0.0044	-0.0007	0.0027	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0461	-0.0529	-0.1080	0.2606	0.0143	-0.0062	0.0617	0.0030	10.06	62.17%	16.18	-0.0600	-0.0671	-0.1348	0.3146	0.0187	-0.0079	0.0635	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0030	-0.0862	-0.0943	0.0093	0.0013	-0.0006	-0.1735	0.0118	[redacted]			-0.0037	-0.1098	-0.1126	0.0116	0.0014	-0.0007	-0.2138	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0820	-0.0148	-0.0604	0.0950	0.0059	-0.0014	-0.0577	0.0285	9.41	78.72%	11.96	-0.1073	-0.0188	-0.0741	0.1235	0.0092	-0.0017	-0.0692	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0303	-0.0219	-0.0691	0.2331	0.0069	-0.0008	0.1179	0.0002	9.77	81.72%	11.96	-0.0380	-0.0278	-0.0845	0.2822	0.0102	-0.0010	0.1411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0283	-0.0715	-0.0705	0.0691	0.0067	-0.0029	-0.0974	0.2788	6.68	55.87%	11.96	-0.0348	-0.0905	-0.0853	0.0860	0.0093	-0.0031	-0.1184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0227	-0.1201	-0.2041	0.1197	0.0087	0.0008	-0.2177	1.1589	[redacted]			-0.0278	-0.1529	-0.2517	0.1489	0.0118	0.0010	-0.2707	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0012	-0.0016	-0.0009	0.0004	0.0000	0.0000	-0.0033	0.0008	[redacted]			-0.0015	-0.0021	-0.0011	0.0005	0.0000	0.0000	-0.0042	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0092	-0.1056	-0.0874	0.0256	0.0038	0.0015	-0.1713	2.2151	[redacted]			-0.0107	-0.1256	-0.1054	0.0328	0.0049	0.0014	-0.2026	0.00	0.65	0.65	0.65	0.65	[redacted]				
3.91	-0.0104	-0.0123	-0.0161	0.0105	0.0020	-0.0013	-0.0276	0.0034	2.79	71.37%	3.91	-0.0121	-0.0149	-0.0193	0.0129	0.0032	-0.0016	-0.0318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0439	-0.0127	-0.0302	0.0574	0.0314	0.0059	0.0079	0.0000	7.72	64.53%	11.96	-0.0545	-0.0161	-0.0359	0.0717	0.0409	0.0075	0.0136	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0606	-0.0259	-0.0812	0.1233	0.0105	-0.0024	-0.0363	0.0179	11.45	95.74%	11.96	-0.0786	-0.0329	-0.0996	0.1506	0.0160	-0.0030	-0.0475	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0260	-0.0921	-0.1231	0.0665	0.0065	-0.0050	-0.1732	2.5595	12.25	102.48%	11.96	-0.0320	-0.1160	-0.1457	0.0816	0.0107	-0.0053	-0.2067	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.72	-0.0570	-0.0047	-0.0297	0.1448	0.0083	-0.0008	0.0609	0.0195	7.32	94.80%	7.72	-0.0749	-0.0059	-0.0364	0.1743	0.0125	-0.0010	0.0686	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0568	-0.0304	-0.0687	0.1273	0.0066	-0.0020	-0.0240	0.0059	9.16	76.59%	11.96	-0.0750	-0.0394	-0.0841	0.1607	0.0095	-0.0025	-0.0308	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	0.0000	0.0000	-0.0018	0.0387	0.0106	0.0005	0.0480	0.1653	1.14	57.71%	1.98	0.0000	0.0000	-0.0022	0.0486	0.0130	0.0007	0.0601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0114	0.0601	0.0092	0.0000	0.0579	0.0035	[redacted]			0.0000	0.0000	-0.0143	0.0848	0.0091	0.0000	0.0796	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0563	-0.0063	-0.0401	0.1746	0.0101	-0.0004	0.0816	0.0007	9.48	79.33%	11.96	-0.0697	-0.0080	-0.0496	0.2130	0.0151	-0.0005	0.1003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0218	-0.0524	-0.0652	0.0836	0.0042	-0.0051	-0.0567	0.0055	7.19	44.44%	16.18	-0.0277	-0.0664	-0.0793	0.1020	0.0065	-0.0063	-0.0712	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0590	-0.0065	-0.0621	0.2898	0.0117	-0.0146	0.1593	3.3167	10.11	84.52%	11.96	-0.0760	-0.0083	-0.0763	0.3468	0.0167	-0.0195	0.1834	0.00	0.00	0.11	0.46	0.50	0.00%	0.00%	0.92%	3.85%	4.18%
[redacted]	-0.0140	-0.1098	-0.1471	0.2101	0.0063	-0.0014	-0.0559	0.5449	[redacted]			-0.0173	-0.1399	-0.1789	0.2835	0.0086	-0.0018	-0.0458	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0080	-0.0031	-0.0111	0.0458	0.0051	-0.0019	0.0268	0.0000	2.33	79.66%	2.93	-0.0118	-0.0043	-0.0137	0.0546	0.0071	-0.0022	0.0297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0836	-0.0869	-0.1060	0.1920	0.0221	-0.0019	-0.0643	0.0086	6.82	57.04%	11.96	-0.0966	-0.0997	-0.1302	0.2447	0.0324	-0.0026	-0.0520	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0187	-0.0111	-0.0696	0.1489	0.0206	-0.0047	0.0654	0.0000	10.57	80.74%	13.09	-0.0187	-0.0111	-0.0821	0.1869	0.0286	-0.0058	0.0978	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0572	-0.0097	-0.0591	0.2717	0.0076	-0.0032	0.1501	0.0000	13.95	86.21%	16.18	-0.0720	-0.0123	-0.0724	0.3274	0.0110	-0.0040	0.1777	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.1556	-0.0131	-0.0667	0.0301	0.0121	-0.0030	-0.1962	0.2292	10.12	86.25%	11.74	-0.1899	-0.0162	-0.0818	0.0370	0.0181	-0.0038	-0.2366	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0202	-0.0146	-0.0486	0.1285	0.0074	-0.0004	0.0521	0.0024	[redacted]			-0.0245	-0.0181	-0.0596	0.1569	0.0114	-0.0005	0.0656	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0023	-0.0299	-0.0822	0.0937	0.0032	-0.0015	-0.0190	1.0278	6.55	45.79%	14.29	-0.0028	-0.0380	-0.1001	0.1129	0.0046	-0.0019	-0.0253	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0428	-0.0477	-0.0694	0.0352	0.0072	-0.0023	-0.1198	0.0001	8.60	71.91%	11.96	-0.0519	-0.0605	-0.0843	0.0430	0.0109	-0.0029	-0.1457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0374	-0.0248	-0.0382	0.0373	0.0045	-0.0019	-0.0605	0.0000	5.86	55.50%	10.57	-0.0403	-0.0271	-0.0455	0.0474	0.0067	-0.0031	-0.0619	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0190	-0.0001	-0.0077	0.0297	0.0053	0.0000	0.0082	0.0034	2.29	78.05%	2.93	-0.0251	-0.0002	-0.0093	0.0357	0.0082	0.0000	0.0093	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.83	-0.0175	-0.0580	-0.0775	0.0812	0.0040	-0.0002	-0.0680	1.1836	8.75	74.02%	11.83	-0.0215	-0.0738	-0.0910	0.1020	0.0074	-0.0003	-0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0161	-0.1068	-0.1363	0.0604	0.0052	-0.0010	-0.1946	0.0254	10.04	71.10%	14.12	-0.0209	-0.1359	-0.1652	0.0770	0.0071	-0.0012	-0.2391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0363	-0.0125	-0.0574	0.1533	0.0053	-0.0004	0.0520	0.0000	9.10	64.49%	14.12	-0.0466	-0.0159	-0.0707	0.1871	0.0082	-0.0005	0.0616	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0115	-0.0858	-0.0894	0.0168	0.0018	0.0000	-0.1681	0.0090	7.08	59.22%	11.96	-0.0141	-0.1114	-0.1078	0.0212	0.0021	0.0000	-0.2100	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.52	-0.0587	-0.0020	-0.0079	0.0203	0.0032	-0.0004	-0.0455	0.0000	1.64	25.08%	6.52	-0.0709	-0.0025	-0.0095	0.0250	0.0050	-0.0005	-0.0534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0021	-0.0071	-0.0088	0.0074	0.0030	-0.0007	-0.0083	0.0000	1.47	50.23%	2.93	-0.0031	-0.0099	-0.0107	0.0087	0.0041	-0.0008	-0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0002	-0.0002	-0.0004	0.0000	0.0000	0.0000	-0.0008	0.0000	[redacted]			-0.0002	-0.0002	-0.0005	0.0000	0.0000	0.0000	-0.0009	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1222	-0.0275	-0.0647	0.2134	0.0088	-0.0017	0.0061	0.0000	8.15	68.19%	11.96	-0.1557	-0.0349	-0.0792	0.2618	0.0133	-0.0021	0.0032	0.00	0.00	0.07	0.07	0.04	0.00%	0.00%	0.87%	0.87%	0.49%
[redacted]	-0.0423	-0.0401	-0.1000	0.0286	0.0108	-0.0017	-0.1447	0.0011	[redacted]			-0.0549	-0.0510	-0.1203	0.0347	0.0157	-0.0021	-0.1779	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0219	-0.0047	-0.0262	0.1676	0.0070	-0.0005	0.1213	0.0266	5.56	46.50%	11.96	-0.0276	-0.0060	-0.0322	0.2017	0.0101	-0.0006	0.1454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0666	-0.1497	-0.3800	1.4015	0.0056	-0.0008	0.8100	3.2618	13.88	85.83%	16.18	-0.0851	-0.1907	-0.4634	1.9277	0.0085	-0.0010	1.1960	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0753	-0.0497	-0.0791	0.0549	0.0048	0.0018	-0.1426	0.4452	10.67	89.27%	11.96	-0.0943	-0.0632	-0.0956	0.0710	0.0077	0.0021	-0.1723	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0027	-0.0024	-0.0945	0.3122	0.0153	-0.0100	0.2179	0.0265	10.15	84.86%	11.96	-0.0080	-0.0075	-0.1177	0.3802	0.0220	-0.0127	0.2563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0141	-0.0046	-0.0279	0.0476	0.0066	-0.0049	0.0027	0.0063	9.13	82.01%	11.13	-0.0169	-0.0054	-0.0340	0.0580	0.0101	-0.0062	0.0056	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1601	-0.0062	-0.0484	0.1528	0.0110	-0.0004	-0.0513	0.0040	9.80	81.98%	11.96	-0.2182	-0.0085	-0.0592	0.1820	0.0164	-0.0005	-0.0880	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0536	-0.0707	-0.1048	0.1215	0.0052	-0.0029	-0.1053	0.0074	[redacted]			-0.0655	-0.0900	-0.1277	0.1617	0.0080	-0.0039	-0.1174	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0055	-0.0047	-0.0420	0.0821	0.0493	-0.0012	0.0780	0.0374	9.40	88.95%	10.57	-0.0069	-0.0060	-0.0511	0.1022	0.0640	-0.0014	0.1008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0187	-0.0031	-0.0269	0.0216	0.0080	-0.0024	-0.0215	0.0000	4.81	40.25%	11.96	-0.0230	-0.0039	-0.0333	0.0258	0.0119	-0.0031	-0.0256	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0517	-0.1292	-0.1006	0.0340	0.0036	-0.0029	-0.2468	2.2781	9.49	79.40%	11.96	-0.0635	-0.1641	-0.1230	0.0438	0.0054	-0.0038	-0.3052	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0625	-0.0132	-0.0577	0.0552	0.0061	-0.0020	-0.0741	0.0262	9.88	94.66%	10.43	-0.0686	-0.0146	-0.0708	0.0713	0.0096	-0.0034	-0.0765	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0125	-0.0248	-0.0348	0.0026	0.0057	-0.0006	-0.0644	0.0060	[redacted]			-0.0126	-0.0251	-0.0396	0.0031	0.0069	-0.0008	-0.0681	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0134	-0.0287	-0.0429	0.0571	0.0037	0.0000	-0.0242	0.1757	[redacted]			-0.0169	-0.0365	-0.0508	0.0711	0.0068	0.0001	-0.0262	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0095	-0.1055	-0.1172	0.0351	0.0013	-0.0001	-0.1959	0.0043	[redacted]			-0.0115	-0.1343	-0.1380	0.0441	0.0015	-0.0001	-0.2383	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0381	-0.0496	-0.1076	0.1636	0.0134	-0.0011	-0.0194	0.0082	[redacted]			-0.0487	-0.0618	-0.1314	0.2000	0.0168	-0.0016	-0.0267	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0118	-0.1139	-0.1409	0.0656	0.0045	-0.0037	-0.2002	1.3418	[redacted]			-0.0147	-0.1450	-0.1632	0.0804	0.0073	-0.0039	-0.2391	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0513	-0.0077	-0.0391	0.2486	0.0083	-0.0005	0.1583	0.0261	10.48	87.66%	11.96	-0.0655	-0.0098	-0.0463	0.3007	0.0131	-0.0006	0.1916	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0347	-0.0978	-0.1076	0.0422	0.0094	0.0054	-0.1831	0.0193	[redacted]			-0.0441	-0.1246	-0.1302	0.0534	0.0119	0.0069	-0.2267	2.50	2.44	2.07	2.01	2.01	[redacted]				
11.96	-0.0307	-0.0222	-0.0700	0.1455	0.0095	-0.0016	0.0305	0.0048	10.66	89.16%	11.96	-0.0413	-0.0303	-0.0829	0.1723	0.0151	-0.0017	0.0312	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0522	-0.0159	-0.0648	0.1495	0.0080	-0.0026	0.0220	0.0261	9.87	82.55%	11.96	-0.0780	-0.0225	-0.0790	0.1771	0.0120	-0.0027	0.0069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0679	-0.0020	-0.0392	0.0435	0.0129	-0.0032	-0.0559	0.0000	10.25	85.69%	11.96	-0.0953	-0.0029	-0.0485	0.0515	0.0193	-0.0033	-0.0792	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.03	-0.0195	-0.0255	-0.0584	0.1389	0.0053	-0.0021	0.0387	0.0174	10.64	81.70%	13.03	-0.0242	-0.0324	-0.0721	0.1695	0.0080	-0.0026	0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1047	-0.0630	-0.0843	0.0530	0.0080	-0.0024	-0.1934	1.8149	11.31	94.58%	11.96	-0.1310	-0.0802	-0.1023	0.0655	0.0121	-0.0028	-0.2387	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	0.0000	0.0000	-0.0056	0.1563	0.0097	-0.0015	0.1589	0.0000	1.49	55.09%	2.71	0.0000	0.0000	-0.0069	0.1906	0.0127	-0.0018	0.1946	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0020	0.0078	0.0149	-0.0015	0.0192	0.0000	0.70	23.78%	2.93	0.0000	0.0000	-0.0024	0.0095	0.0199	-0.0018	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.05	-0.0716	-0.0019	-0.0426	0.1111	0.0085	-0.0081	-0.0046	0.0447	6.70	73.97%	9.05	-0.0821	-0.0022	-0.0523	0.1337	0.0127	-0.0108	-0.0010	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0865	-0.0166	-0.0640	0.1064	0.0101	-0.0075	-0.0581	0.0367	8.86	84.89%	10.43	-0.1105	-0.0211	-0.0791	0.1283	0.0161	-0.0093	-0.0756	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0343	-0.2105	-0.1306	0.0317	0.0241	-0.0047	-0.3243	0.0245	[redacted]			-0.0397	-0.2546	-0.1572	0.0393	0.0295	-0.0060	-0.3887	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0411	-0.0239	-0.0715	0.0937	0.0081	-0.0011	-0.0358	0.0146	11.17	93.45%	11.96	-0.0507	-0.0296	-0.0847	0.1134	0.0135	-0.0013	-0.0394	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0014	-0.0006	-0.0050	0.0142	0.0041	-0.0002	0.0111	0.0001	1.15	41.20%	2.80	-0.0020	-0.0008	-0.0062	0.0169	0.0057	-0.0002	0.0134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0046	0.0258	0.0088	-0.0029	0.0271	0.0000	[redacted]			0.0000	0.0000	-0.0056	0.0311	0.0088	-0.0036	0.0307	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0176	-0.0154	-0.0885	0.0336	0.0091	-0.0070	-0.0858	0.5081	11.57	96.76%	11.96	-0.0223	-0.0196	-0.1086	0.0406	0.0137	-0.0090	-0.1052	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0481	-0.0587	-0.1003	0.1414	0.0046	-0.0002	-0.0613	0.0002	[redacted]			-0.0644	-0.0782	-0.1216	0.1699	0.0065	-0.0001	-0.0879	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0512	-0.0537	-0.0852	0.0932	0.0057	-0.0008	-0.0920	0.0060	9.46	79.12%	11.96	-0.0658	-0.0684	-0.1026	0.1137	0.0084	-0.0010	-0.1157	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.1115	0.1005	0.0078	-0.0038	-0.0070	0.0037	[redacted]			0.0000	0.0000	-0.1359	0.1229	0.0107	-0.0046	-0.0069	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0159	-0.0386	-0.1029	0.0577	0.0037	-0.0024	-0.0984	0.7763	9.85	82.40%	11.96	-0.0201	-0.0490	-0.1253	0.0695	0.0053	-0.0030	-0.1226	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	-0.0336	-0.0085	-0.0197	0.0191	0.0034	-0.0034	-0.0427	0.0000	3.03	57.99%	5.22	-0.0424	-0.0108	-0.0242	0.0238	0.0050	-0.0042	-0.0528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0346	-0.0009	-0.0117	0.0787	0.0050	0.0000	0.0365	0.0001	2.59	88.37%	2.93	-0.0381	-0.0010	-0.0139	0.0994	0.0093	-0.0010	0.0547	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0475	-0.0761	-0.1044	0.0981	0.0101	-0.0011	-0.1209	0.0023	[redacted]			-0.0582	-0.0964	-0.1264	0.1235	0.0145	-0.0015	-0.1445	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0031	-0.0868	-0.1149	0.0048	0.0019	-0.0003	-0.1984	1.7485	[redacted]			-0.0038	-0.1106	-0.1398	0.0064	0.0020	-0.0004	-0.2462	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0342	-0.0451	-0.0692	0.2099	0.0245	0.0003	0.0862	0.1992	7.97	66.62%	11.96	-0.0487	-0.0671	-0.0840	0.2542	0.0326	0.0004	0.0874	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.67	-0.0936	-0.0232	-0.0580	0.0856	0.0067	-0.0009	-0.0834	0.0766	9.58	99.02%	9.67	-0.0978	-0.0246	-0.0715	0.1089	0.0112	-0.0026	-0.0764	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0020	-0.0004	-0.0160	0.0761	0.0128	-0.0050	0.0655	0.0020	1.05	35.70%	2.93	-0.0027	-0.0005	-0.0195	0.0941	0.0182	-0.0071	0.0825	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1085	-0.0255	-0.0588	0.1488	0.0112	-0.0019	-0.0347	0.3850	12.28	102.72%	11.96	-0.1294	-0.0315	-0.0721	0.1807	0.0174	-0.0025	-0.0374	0.35	0.50	0.57	0.59	0.63	3.00%	4.27%	4.88%	5.04%	5.41%
10.57	-0.0447	-0.0783	-0.1024	0.1180	0.0109	-0.0015	-0.0980	0.0118	8.25	78.06%	10.57	-0.0596	-0.0999	-0.1254	0.1468	0.0155	-0.0018	-0.1244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0115	-0.0006	-0.0075	0.0431	0.0055	-0.0006	0.0284	0.0059	2.27	94.88%	2.39	-0.0172	-0.0008	-0.0093	0.0513	0.0077	-0.0006	0.0311	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0167	-0.0437	-0.0838	0.2275	0.0080	-0.0048	0.0865	0.0078	7.23	60.50%	11.96	-0.0218	-0.0555	-0.1040	0.2739	0.0123	-0.0061	0.0988	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0138	-0.0624	-0.0660	0.0466	0.0033	0.0000	-0.0923	0.0037	[redacted]			-0.0165	-0.0764	-0.0774	0.0598	0.0033	0.0004	-0.1068	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0024	-0.0038	-0.0084	0.1490	0.0114	0.0018	0.1476	0.0048	[redacted]			-0.0024	-0.0038	-0.0095	0.1930	0.0125	0.0020	0.1918	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.83	-0.0079	0.0000	-0.0043	0.0174	0.0062	0.0000	0.0114	0.0013	1.15	62.71%	1.83	-0.0106	0.0000	-0.0052	0.0210	0.0096	0.0000	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.89	-0.2939	-0.0114	-0.0264	0.0711	0.0045	-0.0013	-0.2574	0.0296	4.33	88.43%	4.89	-0.3624	-0.0145	-0.0317	0.0882	0.0073	-0.0016	-0.3147	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0481	-0.0464	-0.0241	0.0035	0.0026	0.0024	-0.1101	0.0100	[redacted]			-0.0588	-0.0591	-0.0290	0.0044	0.0033	0.0026	-0.1366	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0034	-0.0689	-0.1183	0.0277	0.0053	-0.0012	-0.1588	0.0038	[redacted]			-0.0040	-0.0844	-0.1417	0.0345	0.0074	-0.0015	-0.1897	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0825	-0.1155	-0.1030	0.0396	0.0025	-0.0003	-0.2592	1.5203	5.82	48.70%	11.96	-0.1000	-0.1469	-0.1213	0.0506	0.0043	-0.0004	-0.3137	0.74	1.39	1.52	1.59	1.65	7.91%	15.04%	16.45%	17.17%	17.82%
[redacted]	-0.0153	-0.0915	-0.1231	0.0262	0.0032	-0.0007	-0.2012	6.5574	[redacted]			-0.0192	-0.1165	-0.1459	0.0368	0.0046	-0.0008	-0.2410	0.00	0.00	0.00	0.89	0.87	[redacted]				
2.39	-0.0179	-0.0017	-0.0165	0.0143	0.0056	-0.0007	-0.0169	0.0000	2.35	98.24%	2.39	-0.0203	-0.0019	-0.0202	0.0174	0.0086	-0.0012	-0.0176	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.49	-0.0245	-0.0003	-0.0105	0.0799	0.0060	0.0000	0.0506	0.0000	2.39	96.03%	2.49	-0.0325	-0.0004	-0.0127	0.0962	0.0092	0.0000	0.0598	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1497	-0.0146	-0.0451	0.1170	0.0102	0.0000	-0.0822	0.3580	11.02	92.13%	11.96	-0.1896	-0.0192	-0.0549	0.1427	0.0153	0.0000	-0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0424	-0.0251	-0.0743	0.1662	0.0076	-0.0022	0.0298	0.1546	9.96	83.26%	11.96	-0.0553	-0.0319	-0.0899	0.2001	0.0114	-0.0026	0.0318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0617	-0.0151	-0.0364	0.1381	0.0053	-0.0005	0.0297	0.0159	6.79	56.80%	11.96	-0.0789	-0.0192	-0.0447	0.1693	0.0081	-0.0007	0.0339	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1301	-0.0081	-0.0525	0.0433	0.0119	0.0000	-0.1355	0.0244	9.35	78.22%	11.96	-0.1606	-0.0105	-0.0625	0.0524	0.0198	0.0000	-0.1614	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0997	-0.0128	-0.0542	0.0992	0.0101	-0.0009	-0.0583	0.0093	10.79	90.26%	11.96	-0.1205	-0.0152	-0.0661	0.1232	0.0147	-0.0012	-0.0651	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0426	-0.0765	-0.1074	0.0870	0.0063	-0.0051	-0.1383	1.0132	[redacted]			-0.0567	-0.1031	-0.1274	0.1051	0.0088	-0.0049	-0.1782	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.53	-0.0325	-0.0168	-0.0803	0.2662	0.0211	-0.0126	0.1451	0.0047	9.89	63.67%	15.53	-0.0501	-0.0258	-0.0983	0.3219	0.0298	-0.0133	0.1642	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0257	-0.1157	-0.1737	0.6023	0.0329	-0.0066	0.3135	1.7062	9.85	69.79%	14.12	-0.0351	-0.1582	-0.2206	0.7349	0.0400	-0.0071	0.3539	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0095	-0.0802	-0.0897	0.0756	0.0053	-0.0029	-0.1014	0.0086	8.43	70.53%	11.96	-0.0116	-0.1021	-0.1079	0.0969	0.0071	-0.0032	-0.1208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.67	-0.0319	-0.0288	-0.0715	0.1253	0.0110	-0.0025	0.0016	0.0000	9.78	83.79%	11.67	-0.0409	-0.0382	-0.0875	0.1518	0.0161	-0.0030	-0.0017	2.61	2.53	2.53	2.53	2.53	435.00%	421.67%	421.67%	421.67%	421.67%
11.96	-0.0913	-0.0378	-0.0984	0.1340	0.0115	-0.0035	-0.0855	0.0093	9.32	77.91%	11.96	-0.1116	-0.0481	-0.1195	0.1624	0.0176	-0.0044	-0.1036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0185	-0.0617	-0.1383	0.0483	0.0062	-0.0022	-0.1662	0.0000	[redacted]			-0.0225	-0.0762	-0.1719	0.0586	0.0097	-0.0027	-0.2050	0.18	0.18	0.13	0.13	0.09	[redacted]				
11.91	0.0000	0.0000	-0.0346	0.1722	0.0100	0.0135	0.1611	0.1248	7.97	66.90%	11.91	0.0000	0.0000	-0.0429	0.2011	0.0159	0.0111	0.1852	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0485	-0.0354	-0.0607	0.2364	0.0066	-0.0008	0.0976	0.0164	[redacted]			-0.0640	-0.0451	-0.0729	0.3039	0.0097	-0.0010	0.1306	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0814	-0.0208	-0.0682	0.0852	0.0074	-0.0004	-0.0782	0.0000	10.00	83.63%	11.96	-0.0921	-0.0244	-0.0834	0.1062	0.0114	-0.0005	-0.0828	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0331	-0.0204	-0.0552	0.0561	0.0057	-0.0012	-0.0481	0.0586	8.43	70.47%	11.96	-0.0400	-0.0259	-0.0674	0.0674	0.0091	-0.0015	-0.0583	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	0.0000	0.0000	0.0304	0.0000	0.0000	0.0277	0.0028	[redacted]			-0.0033	0.0000	0.0000	0.0379	0.0000	0.0000	0.0346	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0075	-0.0605	-0.0579	0.0185	0.0016	0.0000	-0.1058	0.0084	[redacted]			-0.0093	-0.0771	-0.0692	0.0229	0.0016	0.0000	-0.1311	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	0.0000	0.0000	-0.0104	0.0548	0.0098	-0.0011	0.0531	0.0020	2.26	94.63%	2.39	0.0000	0.0000	-0.0130	0.0660	0.0129	-0.0014	0.0645	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

2023

Facility	GNA ID	Base Demand (MW)[23]	Cumulative Demand (MW)[23]	Facility Loading (%)[23]	Facility Loading Limit (MW)[23]	Residential PV (MW)[23]	Non-Residential PV (MW)[23]	EE (MW)[23]	EV (MW)[23]	BE (MW)[23]	ES (MW)[23]	Total DER Growth (MW)[23]
Cartmill		0.0000	[redacted]			-0.0056	-0.0074	-0.0218	0.0025	0.0006	-0.0006	-0.0323
Carver		0.0002	8.24	68.94%	11.96	-0.0066	-0.0171	-0.0101	0.0033	0.0001	0.0021	-0.0283
Casa Loma		0.0001	2.01	71.89%	2.80	-0.0031	-0.0002	-0.0015	0.0059	0.0005	-0.0001	0.0015
Casals		0.0005	9.93	83.02%	11.96	-0.0077	-0.0056	-0.0218	0.0219	0.0014	-0.0002	-0.0120
Cascada		0.0000	0.88	21.01%	4.17	0.0000	0.0000	-0.0002	0.0001	0.0019	0.0000	0.0018
Cascade		0.0002	5.07	77.76%	6.52	-0.0282	-0.0011	-0.0064	0.0691	0.0008	-0.0002	0.0340
Case		0.0001	[redacted]			-0.0830	-0.0016	-0.0214	0.0565	0.0027	-0.0003	-0.0471
Casey		0.0000	[redacted]			0.0000	0.0000	-0.0076	0.0676	0.0125	-0.0032	0.0693
Casmalia		0.0000	[redacted]			-0.0166	-0.0298	-0.0448	0.0335	0.0009	0.0000	-0.0568
Casper		0.0000	[redacted]			-0.0010	-0.0001	-0.0001	0.0014	0.0002	0.0000	0.0004
Caspian		0.0002	8.52	81.66%	10.43	-0.0001	0.0000	-0.0141	0.0236	0.0020	-0.0012	0.0102
Cassidy		0.0003	10.02	61.93%	16.18	-0.0059	-0.0231	-0.0377	0.0293	0.0004	-0.0031	-0.0401
Cassini		2.9863	[redacted]			-0.0028	-0.0156	-0.0202	0.0089	0.0003	0.0002	-0.0292
Castillo		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Castlerock		0.0000	2.37	75.58%	3.13	-0.0001	-0.0001	-0.0044	0.0007	0.0002	-0.0001	-0.0038
Castro		0.0000	8.18	50.54%	16.18	-0.0208	-0.0073	-0.0257	0.0376	0.0028	-0.0007	-0.0141
Caswell		0.0000	8.36	77.47%	10.79	-0.0016	-0.0231	-0.0288	0.0412	0.0008	0.0008	-0.0107
Catalina		0.0000	1.78	87.90%	2.02	0.0000	0.0000	-0.0013	0.0330	0.0048	-0.0002	0.0363
Catalytic		1.0101	[redacted]			-0.0007	-0.0059	-0.0072	0.0053	0.0001	-0.0001	-0.0085
Cataract		0.0002	10.96	91.64%	11.96	-0.0227	-0.0038	-0.0136	0.0441	0.0009	-0.0002	0.0047
Catawba		0.5484	[redacted]			-0.0076	-0.0247	-0.0281	0.0068	0.0004	-0.0001	-0.0533
Caterpillar		1.2343	8.70	72.78%	11.96	-0.0310	-0.0024	-0.0098	0.0051	0.0004	0.0000	-0.0377
Catfish		0.0001	[redacted]			-0.0156	-0.0284	-0.0399	0.0304	0.0011	-0.0002	-0.0526
Cathy		0.0000	10.22	85.46%	11.96	-0.0123	-0.0104	-0.0236	0.0310	0.0013	-0.0008	-0.0148
Catt		0.0002	8.23	68.83%	11.96	-0.0153	-0.0015	-0.0082	0.0231	0.0011	-0.0001	-0.0009
Cattle		0.1330	10.01	83.68%	11.96	-0.0158	-0.0064	-0.0173	0.0095	0.0009	-0.0010	-0.0301
Cavaliers		0.0000	[redacted]			-0.0004	-0.0022	0.0000	0.0022	0.0041	0.0000	0.0037
Cawston		0.0000	0.49	16.69%	2.93	0.0000	0.0000	0.0000	0.0059	0.0000	0.0000	0.0059
Caymen		0.0000	9.83	82.24%	11.96	-0.0311	-0.0084	-0.0171	0.0328	0.0008	-0.0003	-0.0233
Caza		0.0003	10.23	85.55%	11.96	-0.0043	-0.0264	-0.0361	0.0251	0.0005	-0.0005	-0.0417
Cecil		0.0001	1.67	56.99%	2.93	-0.0012	-0.0015	-0.0019	0.0024	0.0018	0.0000	-0.0004
Cedar		0.0000	1.76	60.01%	2.93	-0.0001	-0.0002	-0.0034	0.0194	0.0017	-0.0003	0.0171
Cedar Glen		0.0000	4.11	49.24%	8.35	0.0000	0.0000	-0.0065	0.0148	0.0128	-0.0021	0.0190
Celestial		0.0000	9.40	78.58%	11.96	-0.0594	-0.0019	-0.0086	0.0168	0.0011	-0.0001	-0.0521
Cello		0.0003	9.17	64.12%	14.29	-0.0098	-0.0122	-0.0262	0.0120	0.0005	-0.0002	-0.0359
Celtics		0.0002	[redacted]			-0.0139	-0.0199	-0.0259	0.0289	0.0018	-0.0002	-0.0292
Cement		0.0005	[redacted]			-0.0145	-0.0120	-0.0111	0.0111	0.0014	0.0001	-0.0250
Centaur		0.0001	[redacted]			-0.0079	-0.0285	-0.0389	0.0140	0.0020	0.0014	-0.0579
Centavo		0.0001	[redacted]			-0.0023	-0.0304	-0.0362	0.0110	0.0005	0.0004	-0.0570
Centinela		0.0000	[redacted]			-0.0003	-0.0053	-0.0256	0.0124	0.0013	-0.0006	-0.0181
Centurion		0.0001	13.65	84.37%	16.18	-0.0281	-0.0037	-0.0176	0.0623	0.0009	-0.0001	0.0137
Century		0.0000	2.13	72.83%	2.93	-0.0007	-0.0003	-0.0031	0.0206	0.0008	-0.0003	0.0170
Ceramic		0.0000	2.01	94.23%	2.14	-0.0066	-0.0005	-0.0024	0.0105	0.0005	-0.0001	0.0014
Cereal		0.0000	7.90	66.11%	11.96	-0.0256	-0.0036	-0.0106	0.0126	0.0010	-0.0002	-0.0264
Cero		0.0000	1.92	70.94%	2.71	0.0000	0.0000	-0.0015	0.0173	0.0026	0.0000	0.0184
Cerrito	GNA_2023_65	0.0002	[redacted]			-0.0599	-0.0061	-0.0159	0.0265	0.0007	0.0001	-0.0546
Cerveza		4.4050	15.48	108.28%	14.29	-0.0087	-0.0161	-0.0438	0.0402	0.0011	-0.0021	-0.0294
Cessna		0.0969	9.53	79.67%	11.96	-0.0203	-0.0231	-0.0258	0.0048	0.0006	-0.0004	-0.0642
Ceylon		0.0003	8.55	71.53%	11.96	-0.0120	-0.0096	-0.0203	0.0397	0.0008	-0.0003	-0.0017
Chablis		0.0001	[redacted]			-0.0142	-0.0465	-0.0439	0.0039	0.0001	-0.0018	-0.1024
Chadron		0.0000	7.45	69.03%	10.79	-0.0027	-0.0197	-0.0212	0.0082	0.0007	-0.0001	-0.0348
Chaffey		0.0000	5.22	43.66%	11.96	-0.0028	-0.0114	-0.0147	0.0075	0.0005	-0.0014	-0.0223
Chalfant		0.0000	1.40	40.24%	3.48	0.0000	0.0000	-0.0014	0.0090	0.0009	0.0000	0.0085
Challenger		0.0002	[redacted]			-0.0018	-0.0227	-0.0392	0.0075	0.0003	-0.0002	-0.0561
Champion		0.0004	10.01	83.76%	11.96	-0.0088	-0.0028	-0.0122	0.0594	0.0011	-0.0003	0.0364
Chandler		0.0000	1.49	50.84%	2.93	-0.0005	-0.0073	-0.0066	0.0014	0.0001	-0.0001	-0.0130
Chaney	GNA_2023_50	1.1503	12.89	107.78%	11.96	-0.0233	-0.0668	-0.0709	0.0095	0.0004	0.0003	-0.1508
Chang		0.0000	[redacted]			-0.0013	-0.0226	-0.0237	0.0019	0.0013	0.0001	-0.0443
Change	GNA_2023_285	0.0001	[redacted]			-0.0075	-0.0696	-0.0677	0.0345	0.0027	-0.0038	-0.1114
Channel		0.0000	[redacted]			0.0000	-0.0013	-0.0446	0.0121	0.0030	-0.0001	-0.0309
Chanslor	GNA_2023_34	1.9190	[redacted]			-0.0925	-0.0027	-0.0253	0.0081	0.0026	0.0000	-0.1098
Chantry		0.0002	14.70	90.90%	16.18	-0.0214	-0.0151	-0.0299	0.0403	0.0006	-0.0008	-0.0263
Chapala		0.0000	1.01	42.39%	2.39	-0.0002	-0.0028	-0.0042	0.0045	0.0003	0.0000	-0.0024
Chapman		0.0000	2.36	86.98%	2.71	-0.0029	-0.0003	-0.0023	0.0238	0.0004	-0.0001	0.0186
Chardonnay		0.0003	8.69	83.26%	10.43	-0.0900	-0.0064	-0.0134	0.1052	0.0007	-0.0001	-0.0040
Chargers		0.0000	9.76	81.66%	11.96	0.0000	0.0000	-0.0215	0.1268	0.0054	-0.0013	0.1094
Chariot		0.0004	15.62	96.55%	16.18	-0.0231	-0.0095	-0.0319	0.1091	0.0011	-0.0003	0.0454
Charity	GNA_2023_180	0.0000	2.32	97.14%	2.39	-0.0070	-0.0025	-0.0044	0.0089	0.0004	-0.0003	-0.0049
Charleville		0.3556	2.07	74.07%	2.80	-0.0007	-0.0027	-0.0068	0.0235	0.0004	-0.0003	0.0134
Charlie		0.0002	[redacted]			-0.0238	-0.0125	-0.0187	0.0207	0.0009	-0.0001	-0.0335
Charlton		0.0002	7.53	62.95%	11.96	-0.0315	-0.0041	-0.0125	0.0079	0.0015	-0.0005	-0.0392
Chartreuse		0.0000	[redacted]			-0.0052	-0.0153	-0.0301	0.0084	0.0006	-0.0005	-0.0421
Chateau		0.4744	16.79	54.97%	30.54	0.0000	0.0000	-0.0247	0.0119	0.0128	-0.0033	-0.0033
Chattanooga		0.0003	7.82	65.38%	11.96	-0.0165	-0.0110	-0.0214	0.0191	0.0009	-0.0002	-0.0291
Chavez	GNA_2023_22	3.1655	5.29	77.19%	6.85	-0.0026	-0.0014	-0.0085	0.0004	0.0003	-0.0005	-0.0123
Chawa		0.0003	9.57	80.00%	11.96	-0.0680	-0.0093	-0.0235	0.0779	0.0007	-0.0011	-0.0233
Cheerleader		0.0000	8.38	70.07%	11.96	-0.0098	-0.0123	-0.0212	0.0093	0.0006	0.0000	-0.0334
Cheese		0.4721	[redacted]			-0.0010	-0.0350	-0.0375	0.0005	0.0003	-0.0003	-0.0730
Cheetah		0.1888	11.44	95.71%	11.96	-0.0157	-0.0289	-0.0382	0.0362	0.0008	-0.0007	-0.0465
Chella		0.0000	9.51	79.53%	11.96	-0.0186	-0.0035	-0.0126	0.0365	0.0009	-0.0003	0.0024
Chelsea		0.0000	1.86	65.42%	2.84	-0.0017	-0.0007	-0.0027	0.0587	0.0004	-0.0003	0.0537
Chemical		0.0000	[redacted]			-0.0005	-0.0103	-0.0182	0.0053	0.0008	0.0000	-0.0229
Chenualt		0.0003	8.78	83.09%	10.57	-0.0057	-0.0362	-0.0516	0.0217	0.0003	0.0000	-0.0715
Cherokee		0.0000	10.64	89.01%	11.96	-0.0161	-0.0015	-0.0195	0.0942	0.0020	-0.0016	0.0575
Chevelle		0.0005	10.38	86.79%	11.96	-0.0501	-0.0088	-0.0349	0.0336	0.0013	-0.0006	-0.0595
Cheviot		0.0001	2.77	94.59%	2.93	-0.0012	-0.0039	-0.0061	0.0257	0.0015	-0.0005	0.0155
Chewbacca		0.0005	9.61	80.39%	11.96	-0.0106	-0.0087	-0.0205	0.0114	0.0005	-0.0001	-0.0280
Cheyenne		0.0002	5.06	42.29%	11.96	-0.0100	-0.0051	-0.0122	0.0277	0.0021	-0.0003	0.0022
Chia	GNA_2023_318	4.0079	13.81	115.53%	11.96	-0.0129	-0.0034	-0.0135	0.0192	0.0009	-0.0002	-0.0099
Chicago		0.0000	[redacted]			-0.0020	-0.0017	-0.0061	0.0089	0.0006	-0.0002	-0.0005
Chico		0.0000	5.35	40.85%	13.09	0.0000	0.0000	-0.0151	0.1404	0.0130	-0.0037	0.1346
Chile		0.0002	[redacted]			-0.0047	-0.0197	-0.0344	0.0117	0.0007	-0.0002	-0.0466
Chimay		0.0001	9.14	76.48%	11.96	-0.0154	-0.0138	-0.0227	0.0155	0.0010	0.0000	-0.0354
Chime		0.0002	6.44	55.92%	11.52	-0.0053	-0.0155	-0.0272	0.0258	0.0006	-0.0005	-0.0221
China		0.0000	10.73	89.78%	11.96	-0.0127	-0.0115	-0.0220	0.0498	0.0011	-0.0008	0.0039
China Peak		0.0000	[redacted]			-0.0003	-0.0004	-0.0020	0.0003	0.0006	0.0008	-0.0010
Chinowth		0.0000	9.44	78.93%	11.96	-0.0134	-0.0021	-0.0119	0.0132	0.0011	-0.0002	-0.0133
Chipper		0.0000	4.92	46.55%	10.57	-0.0124	-0.0072	-0.0115	0.0356	0.0022	-0.0001	0.0066
Chippewa		2.2982	9.42	78.78%	11.96	-0.0213	-0.0203	-0.0305	0.0350	0.0006	-0.0001	-0.0366
Choctaw		0.0000	[redacted]			-0.0025	-0.0289	-0.0279	0.0055	0.0012	0.0001	-0.0525
Choiceanna		0.0000	7.24	60.52%	11.96	-0.0249	-0.0016	-0.0096	0.0094	0.0010	-0.0001	-0.0258
Cholla		0.0000	1.12	95.06%	1.18	-0.0047	0.0000	-0.0012	0.0023	0.0004	0.0000	-0.0032
Chollita		0.0001	2.43	50.74%	4.78	-0.0033	-0.0004	-0.0019	0.0035	0.0049	0.0002	0.0030
Chris		0.0000	7.36	61.53%	11.96	-0.0052	-0.0100	-0.0209	0.0425	0.0008	-0.0002	0.0070
Christine		0.0001	11.03	92.22%	11.96	-0.0209	-0.0014	-0.0123	0.0614	0.0014	0.0000	0.0282
Christy		0.0002	[redacted]			-0.0012	-0.0176	-0.0218	0.0084	0.0007	0.0000	-0.0315
Chrome		0.0000	10.77	90.07%	11.96	-0.0326	-0.0044	-0.0147	0.0455	0.0012	-0.0003	-0.0053
Chrysler		0.0000	[redacted]			-0.0012	-0.0224	-0.0334	0.0055	0.0003	-0.0002	-0.0514
Chuck Wagon		0.0002	6.60	55.18%	11.96	-0.0682	-0.0022	-0.0056	0.0209	0.0026	0.0001	-0.0524
Chuckawalla		0.0001	[redacted]			-0.0130	-0.0027	-0.0028	0.0006	0.0001	0.0000	-0.0178
Chucker		0.0001	2.63	89.63%	2.93	-0.0026	-0.0007	-0.0037	0.0120	0.0006	-0.0003	0.0053
Chumash		0.0000	[redacted]			-0.0010	-0.0162	-0.0386	0.0150	0.0003	-0.0006	-0.0411
Church		0.7117	8.99	86.53%	10.39	-0.0054	-0.0073	-0.0229	0.0353	0.0007	-0.0006	-0.0002
Churchill		0.0000	[redacted]			-0.0025	-0.0141	-0.0217	0.0109	0.0006	0.0002	-0.0266
Cibola		0.0009	2.71	55.71%	4.87	-0.0008	-0.0003	-0.0007	0.0002	0.0000	-0.0001	-0.0017
Cienigitas		0.0002	7.79	48.15%	16.18	-0.0028	-0.0161	-0.0258	0.0477	0.0006	-0.0004	0.0032
Cimarron		0.0001	7.66	53.58%	14.29	0.0000	0.0000	-0.0140	0.0683	0.0064	-0.0012	0.0595
Cinder		0.0000	[redacted]			-0.0006	-0.0035	-0.0010	0.0070	0.0006	0.0001	0.0026
Circle		0.0008	1.10	18.06%	6.09	-0.0069	-0.0003	-0.0010	0.0065	0.0002	0.0000	-0.0015
Cisco		0.0000	7.76	54.98%	14.12	-0.0025	-0.0249	-0.0517	0.0133	0.0007	-0.0004	-0.0655
Cistern		0.0002	8.28	69.23%	11.96	-0.0246	-0.0008	-0.0071	0.0082	0.0010	0.0000	-0.0233
Citizens		0.0002	5.66	54.23%	10.43	-0.0009	-0.0147	-0.0183	0.0075	0.0001	0.0000	-0.0263
Citrow		0.0001	9.51	79.57%	11.96	-0.0132	-0.0351	-0.0339	0.0149	0.0010	-0.0001	-0.0664
City Creek		0.0001	10.07	84.19%	11.96	-0.0214	-0.0130	-0.0214	0.0255	0.0008	-0.0007	-0.0302
City Of Banning #1		0.0002	[redacted]			-0.0011	0.0000	0.0000	0.0016	0.0000	0.0000	0.0005
City Of Banning #2		0.0007	[redacted]			-0.0053	0.0000	0.0000	0.0039	0.0000	0.0000	-0.0014
City of Banning #3		0.0002	17.59	53.39%	32.93	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001
City Ranch		0.0000	11.19	93.58%	11.96	-0.0044	-0.0127	-0.0356	0.0253	0.0007	-0.0018	-0.0285
Clair		0.0000	[redacted]			-0.0033	-0.0099	-0.0167	0.0170	0.0007	0.0005	-0.0117
Clampett		0.0000	9.56	79.93%	11.96	-0.0140	-0.0027	-0.0125	0.0079	0.0010	-0.0002	-0.0205
Clancy	GNA_2023_215	0.4435	11.01	92.10%	11.96	-0.0123	-0.0377	-0.0295	0.0142	0.0007	0.0001	-0.0645
Clara		0.0000	0.83	29.76%	2.80	0.0000	0.0000	-0.0009	0.0051	0.0015	0.0008	0.0065
Clarinet		0.0000	12.16	76.56%	15.88	-0.0211	-0.0059	-0.0259	0.0585	0.0009	-0.0004	0.0061
Claudia		0.2906	7.70	66.96%	11.50	-0.0124	-0.0049	-0.0146	0.0458	0.0010	-0.0001	0.0148
Clay		0.0000	8.77	73.38%	11.96	-0.0284	-0.0215	-0.0194	0.0800	0.0062	0.0017	0.0186

2024

Facility	Base Demand (MW)[24]	Cumulative Demand (MW)[24]	Facility Loading (%)[24]	Facility Loading Limit (MW)[24]	Residential PV (MW)[24]	Non-Residential PV (MW)[24]	EE (MW)[24]	EV (MW)[24]	BE (MW)[24]	ES (MW)[24]	Total DER Growth (MW)[24]
Cartmill	0.0000	[redacted]			-0.0099	-0.0137	-0.0396	0.0051	0.0017	-0.0012	-0.0576
Carver	0.0033	8.22	68.74%	11.96	-0.0131	-0.0309	-0.0200	0.0070	0.0005	0.0023	-0.0542
Casa Loma	0.0009	2.02	72.02%	2.80	-0.0055	-0.0004	-0.0034	0.0121	0.0013	-0.0002	0.0039
Casals	0.0059	9.92	83.01%	11.96	-0.0140	-0.0103	-0.0430	0.0447	0.0035	-0.0004	-0.0195
Cascada	0.0000	0.88	21.07%	4.17	0.0000	0.0000	-0.0003	0.0002	0.0038	0.0001	0.0038
Cascade	0.0028	5.12	78.46%	6.52	-0.0545	-0.0020	-0.0137	0.1416	0.0019	-0.0004	0.0729
Case	0.0017	[redacted]			-0.1465	-0.0026	-0.0445	0.1166	0.0067	-0.0005	-0.0708
Casey	0.0000	[redacted]			0.0000	0.0000	-0.0146	0.1376	0.0233	-0.0060	0.1403
Casmalia	0.0002	[redacted]			-0.0306	-0.0543	-0.0854	0.0727	0.0028	0.0000	-0.0948
Casper	0.0000	[redacted]			-0.0020	-0.0001	-0.0002	0.0029	0.0004	0.0000	0.0010
Caspian	0.0033	8.54	81.82%	10.43	-0.0002	0.0000	-0.0278	0.0499	0.0050	-0.0038	0.0231
Cassidy	0.0029	9.99	61.77%	16.18	-0.0109	-0.0440	-0.0678	0.0615	0.0014	-0.0059	-0.0657
Cassini	2.9890	[redacted]			-0.0062	-0.0308	-0.0385	0.0167	0.0009	0.0002	-0.0577
Castillo	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Castlerock	0.0000	2.36	75.49%	3.13	-0.0002	-0.0002	-0.0079	0.0014	0.0005	-0.0003	-0.0067
Castro	0.0001	7.97	49.27%	16.18	-0.0380	-0.0134	-0.0451	0.0777	0.0051	-0.0014	-0.0151
Caswell	0.0000	8.37	77.56%	10.79	-0.0034	-0.0457	-0.0552	0.1003	0.0016	0.0005	-0.0019
Catalina	0.0000	1.82	89.89%	2.02	0.0000	0.0000	-0.0027	0.0673	0.0102	-0.0006	0.0742
Catalytic	1.0111	[redacted]			-0.0014	-0.0111	-0.0128	0.0111	0.0003	-0.0002	-0.0141
Cataract	0.0035	10.98	91.80%	11.96	-0.0401	-0.0071	-0.0280	0.0921	0.0023	-0.0004	0.0188
Catawba	0.5535	[redacted]			-0.0137	-0.0453	-0.0512	0.0142	0.0012	-0.0001	-0.0949
Caterpillar	2.1789	9.67	80.89%	11.96	-0.0601	-0.0048	-0.0193	0.0096	0.0014	0.0001	-0.0731
Catfish	0.0019	[redacted]			-0.0300	-0.0531	-0.0715	0.0633	0.0029	-0.0003	-0.0887
Cathy	0.0000	10.21	85.41%	11.96	-0.0233	-0.0197	-0.0421	0.0639	0.0028	-0.0016	-0.0200
Catt	0.0038	8.24	68.89%	11.96	-0.0278	-0.0029	-0.0169	0.0471	0.0027	-0.0002	0.0020
Cattle	0.3211	10.18	85.13%	11.96	-0.0286	-0.0117	-0.0347	0.0197	0.0026	-0.0020	-0.0547
Cavaliers	0.0004	[redacted]			-0.0008	-0.0039	0.0000	0.0045	0.0081	0.0001	0.0080
Cawston	0.0001	0.50	16.92%	2.93	0.0000	0.0000	0.0000	0.0120	0.0000	0.0000	0.0120
Caymen	0.0000	9.82	82.14%	11.96	-0.0555	-0.0162	-0.0329	0.0676	0.0028	-0.0005	-0.0347
Caza	0.0028	10.20	85.29%	11.96	-0.0085	-0.0487	-0.0680	0.0520	0.0013	-0.0010	-0.0729
Cecil	0.0020	1.67	57.08%	2.93	-0.0022	-0.0029	-0.0037	0.0050	0.0039	0.0001	0.0002
Cedar	0.0000	1.78	60.64%	2.93	-0.0002	-0.0004	-0.0069	0.0395	0.0033	-0.0008	0.0345
Cedar Glen	0.0016	3.56	42.70%	8.35	0.0000	0.0000	-0.0131	0.0325	0.0265	-0.0031	0.0428
Celestial	0.0000	9.36	78.25%	11.96	-0.1032	-0.0035	-0.0177	0.0346	0.0028	-0.0002	-0.0872
Cello	0.0063	9.15	63.98%	14.29	-0.0171	-0.0224	-0.0458	0.0248	0.0011	-0.0003	-0.0597
Celtics	0.0026	[redacted]			-0.0304	-0.0435	-0.0511	0.0542	0.0044	-0.0003	-0.0667
Cement	0.0064	[redacted]			-0.0286	-0.0217	-0.0197	0.0275	0.0029	0.0004	-0.0392
Centaur	3.0218	[redacted]			-0.0146	-0.0520	-0.0689	0.0323	0.0036	0.0022	-0.0974
Centavo	0.0007	[redacted]			-0.0046	-0.0557	-0.0660	0.0245	0.0012	0.0012	-0.0994
Centinela	0.0000	[redacted]			-0.0006	-0.0098	-0.0490	0.0254	0.0025	-0.0012	-0.0327
Centurion	0.0025	13.68	84.58%	16.18	-0.0475	-0.0069	-0.0335	0.1290	0.0021	-0.0002	0.0430
Century	0.0004	2.15	73.37%	2.93	-0.0020	-0.0009	-0.0063	0.0395	0.0018	-0.0004	0.0317
Ceramic	0.0000	2.02	94.39%	2.14	-0.0121	-0.0010	-0.0050	0.0214	0.0013	-0.0002	0.0044
Cereal	0.0000	7.88	65.94%	11.96	-0.0466	-0.0068	-0.0207	0.0274	0.0025	-0.0004	-0.0446
Cero	0.0000	1.94	71.73%	2.71	0.0000	0.0000	-0.0029	0.0353	0.0061	0.0004	0.0389
Cerrito	0.0035	[redacted]			-0.1083	-0.0111	-0.0307	0.0584	0.0026	0.0002	-0.0889
Cerveza	4.4050	15.44	95.44%	16.18	-0.0197	-0.0379	-0.0807	0.0748	0.0028	-0.0037	-0.0644
Cessna	0.2251	9.62	80.42%	11.96	-0.0348	-0.0394	-0.0479	0.0111	0.0016	-0.0008	-0.1102
Ceylon	0.0029	8.56	71.61%	11.96	-0.0217	-0.0178	-0.0406	0.0830	0.0021	-0.0006	0.0044
Chablis	0.0024	[redacted]			-0.0279	-0.0863	-0.0792	0.0084	0.0005	-0.0028	-0.1873
Chadron	0.0000	7.42	68.77%	10.79	-0.0050	-0.0366	-0.0394	0.0171	0.0017	-0.0001	-0.0623
Chaffey	0.0000	5.20	43.50%	11.96	-0.0053	-0.0217	-0.0274	0.0154	0.0012	-0.0026	-0.0404
Chalfant	0.0000	1.41	40.52%	3.48	0.0000	0.0000	-0.0027	0.0186	0.0022	0.0000	0.0181
Challenger	0.0025	[redacted]			-0.0036	-0.0422	-0.0681	0.0154	0.0009	-0.0004	-0.0980
Champion	0.0057	10.07	84.19%	11.96	-0.0158	-0.0053	-0.0248	0.1211	0.0027	-0.0005	0.0774
Chandler	0.0000	1.48	50.45%	2.93	-0.0010	-0.0140	-0.0113	0.0029	0.0002	-0.0002	-0.0234
Chaney	2.2414	9.52	79.59%	11.96	-0.0457	-0.1217	-0.1245	0.0200	0.0008	0.0004	-0.2707
Chang	0.0000	[redacted]			-0.0026	-0.0411	-0.0414	0.0039	0.0026	0.0003	-0.0783
Change	0.0012	[redacted]			-0.0132	-0.1218	-0.1257	0.0800	0.0059	-0.0081	-0.1829
Channel	0.0000	[redacted]			0.0000	-0.0024	-0.0759	0.0309	0.0060	-0.0003	-0.0417
Chanslor	2.3177	[redacted]			-0.1744	-0.0047	-0.0462	0.0178	0.0077	0.0008	-0.1990
Chantry	0.0035	14.70	90.84%	16.18	-0.0380	-0.0283	-0.0561	0.0841	0.0019	-0.0015	-0.0379
Chapala	0.0000	1.01	42.36%	2.39	-0.0004	-0.0053	-0.0078	0.0094	0.0010	0.0000	-0.0031
Chapman	0.0000	2.38	87.82%	2.71	-0.0053	-0.0006	-0.0046	0.0486	0.0013	-0.0002	0.0392
Chardonnay	0.1288	8.90	85.29%	10.43	-0.1438	-0.0099	-0.0277	0.2447	0.0026	-0.0004	0.0655
Chargers	0.0000	8.93	74.67%	11.96	0.0000	0.0000	-0.0402	0.2576	0.0132	-0.0030	0.2276
Chariot	0.0067	15.74	97.28%	16.18	-0.0348	-0.0154	-0.0588	0.2542	0.0026	-0.0007	0.1471
Charity	0.0001	2.32	97.08%	2.39	-0.0125	-0.0048	-0.0085	0.0184	0.0015	-0.0006	-0.0065
Charleville	0.5587	2.32	82.75%	2.80	-0.0013	-0.0052	-0.0123	0.0481	0.0012	-0.0006	0.0299
Charlie	0.0024	[redacted]			-0.0420	-0.0227	-0.0377	0.0457	0.0024	-0.0002	-0.0545
Charlton	0.0034	7.50	62.70%	11.96	-0.0564	-0.0078	-0.0254	0.0169	0.0037	-0.0010	-0.0700
Chartreuse	0.6732	[redacted]			-0.0097	-0.0285	-0.0507	0.0173	0.0013	-0.0010	-0.0713
Chateau	1.0361	17.41	57.01%	30.54	0.0000	0.0000	-0.0453	0.0250	0.0253	-0.0051	-0.0001
Chattanooga	0.0055	7.82	65.38%	11.96	-0.0247	-0.0170	-0.0389	0.0445	0.0023	-0.0004	-0.0342
Chavez	3.2975	5.41	79.06%	6.85	-0.0052	-0.0026	-0.0152	0.0010	0.0008	-0.0012	-0.0224
Chawa	0.0047	9.56	79.98%	11.96	-0.1292	-0.0170	-0.0438	0.1600	0.0019	-0.0021	-0.0302
Cheerleader	0.0000	8.35	69.83%	11.96	-0.0182	-0.0229	-0.0386	0.0192	0.0018	-0.0002	-0.0589
Cheese	0.8426	[redacted]			-0.0021	-0.0682	-0.0691	0.0010	0.0014	-0.0003	-0.1373
Cheetah	0.2417	11.49	96.08%	11.96	-0.0268	-0.0473	-0.0689	0.0844	0.0025	-0.0015	-0.0576
Chella	0.0000	9.54	79.76%	11.96	-0.0280	-0.0055	-0.0260	0.0851	0.0026	-0.0007	0.0275
Chelsea	0.0000	1.92	67.53%	2.84	-0.0031	-0.0014	-0.0055	0.1200	0.0011	-0.0006	0.1105
Chemical	0.0000	[redacted]			-0.0010	-0.0187	-0.0326	0.0110	0.0016	0.0000	-0.0397
Chenualt	0.0045	8.76	82.93%	10.57	-0.0085	-0.0510	-0.0900	0.0571	0.0011	-0.0002	-0.0915
Cherokee	0.0000	10.71	89.60%	11.96	-0.0289	-0.0027	-0.0366	0.1930	0.0046	-0.0049	0.1245
Chevelle	0.0082	10.35	86.53%	11.96	-0.0875	-0.0160	-0.0623	0.0692	0.0026	-0.0011	-0.0951
Cheviot	0.0011	2.80	95.49%	2.93	-0.0017	-0.0055	-0.0118	0.0562	0.0039	-0.0015	0.0396
Chewbacca	0.3876	8.82	73.79%	11.96	-0.0179	-0.0151	-0.0437	0.0276	0.0016	-0.0002	-0.0477
Cheyenne	0.0028	5.07	42.37%	11.96	-0.0183	-0.0096	-0.0246	0.0568	0.0042	-0.0006	0.0079
Chia	4.9374	8.65	72.31%	11.96	-0.0242	-0.0064	-0.0264	0.0392	0.0023	-0.0005	-0.0160
Chicago	0.0000	[redacted]			-0.0036	-0.0032	-0.0117	0.0182	0.0016	-0.0004	0.0009
Chico	0.0000	6.33	48.35%	13.09	0.0000	0.0000	-0.0287	0.2862	0.0281	-0.0071	0.2785
Chile	0.0030	[redacted]			-0.0089	-0.0359	-0.0637	0.0250	0.0017	-0.0004	-0.0822
Chimay	0.4724	9.64	80.60%	11.96	-0.0283	-0.0254	-0.0415	0.0329	0.0033	0.0000	-0.0590
Chime	0.0037	6.43	55.82%	11.52	-0.0098	-0.0288	-0.0515	0.0533	0.0015	-0.0010	-0.0363
China	0.0000	10.77	90.07%	11.96	-0.0204	-0.0183	-0.0431	0.1160	0.0030	-0.0017	0.0355
China Peak	0.0000	[redacted]			-0.0006	-0.0008	-0.0037	0.0007	0.0013	0.0009	-0.0022
Chinowth	0.0000	9.44	78.93%	11.96	-0.0178	-0.0029	-0.0235	0.0290	0.0035	-0.0014	-0.0131
Chipper	0.0004	4.93	46.66%	10.57	-0.0235	-0.0139	-0.0249	0.0737	0.0053	-0.0002	0.0165
Chippewa	2.9998	10.14	84.83%	11.96	-0.0397	-0.0374	-0.0551	0.0736	0.0032	-0.0001	-0.0555
Choctaw	0.0005	[redacted]			-0.0050	-0.0523	-0.0476	0.0113	0.0067	0.0004	-0.0865
Choiceanna	0.0000	7.22	60.38%	11.96	-0.0434	-0.0030	-0.0187	0.0219	0.0023	-0.0002	-0.0411
Cholla	0.0007	1.12	94.91%	1.18	-0.0088	0.0000	-0.0027	0.0047	0.0013	0.0000	-0.0055
Chollita	0.0012	2.43	50.88%	4.78	-0.0064	-0.0007	-0.0038	0.0073	0.0109	0.0009	0.0082
Chris	0.0000	7.37	61.66%	11.96	-0.0098	-0.0184	-0.0407	0.0892	0.0020	-0.0004	0.0219
Christine	0.0001	11.06	92.53%	11.96	-0.0398	-0.0026	-0.0239	0.1265	0.0031	0.0000	0.0633
Christy	0.0040	[redacted]			-0.0023	-0.0319	-0.0429	0.0173	0.0017	0.0000	-0.0581
Chrome	0.0000	10.78	90.14%	11.96	-0.0581	-0.0083	-0.0273	0.0938	0.0026	-0.0005	0.0022
Chrysler	0.0000	[redacted]			-0.0024	-0.0412	-0.0594	0.0124	0.0007	-0.0003	-0.0902
Chuck Wagon	0.0038	6.56	54.87%	11.96	-0.1210	-0.0041	-0.0129	0.0437	0.0048	0.0003	-0.0892
Chuckawalla	0.0010	[redacted]			-0.0250	-0.0049	-0.0054	0.0021	0.0005	0.0001	-0.0326
Chucker	0.0014	2.63	89.94%	2.93	-0.0047	-0.0013	-0.0074	0.0246	0.0015	-0.0005	0.0122
Chumash	0.0000	[redacted]			-0.0021	-0.0298	-0.0681	0.0314	0.0011	-0.0011	-0.0686
Church	0.7157	9.00	86.65%	10.39	-0.0095	-0.0136	-0.0421	0.0722	0.0018	-0.0011	0.0077
Churchill	0.0000	[redacted]			-0.0054	-0.0272	-0.0395	0.0210	0.0014	0.0003	-0.0494
Cibola	0.0009	2.71	55.68%	4.87	-0.0015	-0.0006	-0.0015	0.0005	0.0001	-0.0002	-0.0032
Cienigitas	0.0008	7.80	48.23%	16.18	-0.0051	-0.0307	-0.0492	0.0988	0.0023	-0.0009	0.0152
Cimarron	0.0016	7.73	54.07%	14.29	0.0000	0.0000	-0.0262	0.1392	0.0140	-0.0030	0.1240
Cinder	0.0006	[redacted]			-0.0006	-0.0036	-0.0018	0.0163	0.0011	-0.0001	0.0113
Circle	0.0017	1.10	18.09%	6.09	-0.0130	-0.0005	-0.0021	0.0144	0.0006	0.0000	-0.0006
Cisco	0.0001	7.71	54.63%	14.12	-0.0049	-0.0457	-0.0908	0.0277	0.0014	-0.0008	-0.1131
Cistern	0.0019	6.30	52.65%	11.96	-0.0436	-0.0015	-0.0140	0.0176	0.0023	0.0000	-0.0392
Citizens	0.4209	6.09	58.33%	10.43	-0.0019	-0.0277	-0.0318	0.0184	0.0003	-0.0002	-0.0429
Citrow	0.2184	9.70	81.15%	11.96	-0.0244	-0.0645	-0.0596	0.0374	0.0019	-0.0002	-0.1094
City Creek	0.0017	10.05	84.03%	11.96	-0.0384	-0.0243	-0.0410	0.0530	0.0021	-0.0013	-0.0499
City Of Banning #1	0.0039	[redacted]			-0.0021	0.0000	0.0000	0.0032	0.0000	0.0000	0.0011
City Of Banning #2	0.0122	[redacted]			-0.0103	0.0000	0.0000	0.0080	0.0000	0.0000	-0.0023
City of Banning #3	0.0002	17.59	53.39%	32.93	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002
City Ranch	0.0000	9.65	80.70%	11.96	-0.0080	-0.0243	-0.0614	0.0517	0.0015	-0.0042	-0.0447
Clair	0.0000	[redacted]			-0.0068	-0.0191	-0.0304	0.0327	0.0019	0.0006	-0.0211
Clampett	0.0018	9.54	79.81%	11.96	-0.0245	-0.0051	-0.0246	0.0163	0.0035	-0.0004	-0.0348
Clancy	0.6444	11.17	93.40%	11.96	-0.0245	-0.0684	-0.0570	0.0290	0.0024	0.0006	-0.1179
Clara	0.0000	0.84	30.02%	2.80	0.0000	0.0000	-0.0016	0.0104	0.0030	0.0015	0.0133
Clarinet	2.7000	15.14	95.35%	15.88	-0.0371	-0.0109	-0.0455	0.1202	0.0020	-0.0008	0.0279
Claudia	0.2906	7.72	67.17%	11.50	-0.0236	-0.0092	-0.0282	0.0954	0.0025	-0.0002	0.0367
Clay	0.0000	8.77	73.35%	11.96	-0.0575	-0.0441	-0.0455	0.1502	0.0098	0.0017	0.0146

2025

Facility	Base Demand (MW)[25]	Cumulative Demand (MW)[25]	Facility Loading (%)[25]	Facility Loading Limit (MW)[25]	Residential PV (MW)[25]	Non-Residential PV (MW)[25]	EE (MW)[25]	EV (MW)[25]	BE (MW)[25]	ES (MW)[25]	Total DER Growth (MW)[25]
Cartmill	0.0000	[redacted]			-0.0146	-0.0205	-0.0571	0.0076	0.0033	-0.0018	-0.0831
Carver	0.0048	8.20	68.55%	11.96	-0.0185	-0.0433	-0.0300	0.0109	0.0013	0.0024	-0.0772
Casa Loma	0.0010	2.02	72.12%	2.80	-0.0080	-0.0006	-0.0053	0.0179	0.0026	-0.0003	0.0063
Casals	0.0069	9.92	82.95%	11.96	-0.0203	-0.0153	-0.0641	0.0662	0.0070	-0.0006	-0.0271
Cascada	0.0000	0.88	21.11%	4.17	0.0000	0.0000	-0.0004	0.0003	0.0054	0.0002	0.0055
Cascade	0.0040	5.16	79.10%	6.52	-0.0798	-0.0029	-0.0212	0.2109	0.0038	-0.0006	0.1102
Case	0.0024	[redacted]			-0.2120	-0.0038	-0.0679	0.1750	0.0134	-0.0008	-0.0961
Casey	0.0000	[redacted]			0.0000	0.0000	-0.0219	0.2142	0.0349	-0.0080	0.2192
Casmalia	0.0002	[redacted]			-0.0444	-0.0807	-0.1254	0.1153	0.0053	-0.0001	-0.1300
Casper	0.0000	[redacted]			-0.0030	-0.0002	-0.0003	0.0045	0.0007	0.0000	0.0017
Caspian	0.0041	8.55	81.93%	10.43	-0.0003	0.0000	-0.0415	0.0735	0.0084	-0.0066	0.0335
Cassidy	0.0033	9.96	61.56%	16.18	-0.0172	-0.0704	-0.0937	0.0877	0.0031	-0.0065	-0.0970
Cassini	2.9903	[redacted]			-0.0097	-0.0472	-0.0578	0.0245	0.0014	0.0002	-0.0886
Castillo	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Castlerock	0.0000	2.36	75.40%	3.13	-0.0003	-0.0003	-0.0112	0.0021	0.0009	-0.0005	-0.0093
Castro	0.0003	7.97	49.25%	16.18	-0.0566	-0.0200	-0.0644	0.1168	0.0086	-0.0020	-0.0176
Caswell	0.0000	8.37	77.50%	10.79	-0.0052	-0.0700	-0.0800	0.1440	0.0027	0.0003	-0.0082
Catalina	0.0000	1.86	91.87%	2.02	0.0000	0.0000	-0.0041	0.1006	0.0166	-0.0010	0.1121
Catalytic	1.0111	[redacted]			-0.0021	-0.0166	-0.0181	0.0170	0.0005	-0.0003	-0.0196
Cataract	0.0058	10.99	91.93%	11.96	-0.0600	-0.0106	-0.0426	0.1400	0.0044	-0.0005	0.0307
Catawba	0.5558	[redacted]			-0.0201	-0.0675	-0.0739	0.0215	0.0023	-0.0002	-0.1379
Caterpillar	4.1669	11.75	98.26%	11.96	-0.0935	-0.0074	-0.0287	0.0141	0.0028	0.0002	-0.1125
Catfish	0.0038	[redacted]			-0.0450	-0.0795	-0.1021	0.0962	0.0054	-0.0005	-0.1255
Cathy	0.0000	10.21	85.36%	11.96	-0.0348	-0.0296	-0.0611	0.0959	0.0054	-0.0023	-0.0265
Catt	0.0053	8.24	68.93%	11.96	-0.0401	-0.0044	-0.0251	0.0698	0.0047	-0.0003	0.0046
Cattle	0.5269	10.37	86.73%	11.96	-0.0422	-0.0174	-0.0523	0.0296	0.0051	-0.0030	-0.0802
Cavaliers	0.0006	[redacted]			-0.0012	-0.0058	0.0000	0.0068	0.0121	0.0002	0.0121
Cawston	0.0001	0.50	17.15%	2.93	0.0000	0.0000	0.0000	0.0179	0.0000	0.0000	0.0179
Caymen	0.0001	9.80	82.00%	11.96	-0.0838	-0.0244	-0.0487	0.1014	0.0054	-0.0007	-0.0508
Caza	0.0038	10.16	85.00%	11.96	-0.0129	-0.0727	-0.0998	0.0784	0.0024	-0.0015	-0.1061
Cecil	0.0029	1.28	43.66%	2.93	-0.0032	-0.0044	-0.0055	0.0076	0.0061	0.0001	0.0007
Cedar	0.0004	1.79	61.23%	2.93	-0.0003	-0.0006	-0.0104	0.0587	0.0045	-0.0013	0.0506
Cedar Glen	0.0019	3.59	43.04%	8.35	0.0000	0.0000	-0.0192	0.0494	0.0421	-0.0040	0.0683
Celestial	0.0000	9.32	77.92%	11.96	-0.1480	-0.0053	-0.0263	0.0518	0.0050	-0.0003	-0.1231
Cello	0.0086	10.83	75.75%	14.29	-0.0254	-0.0334	-0.0661	0.0374	0.0021	-0.0004	-0.0858
Celtics	0.0032	[redacted]			-0.0487	-0.0688	-0.0777	0.0795	0.0071	-0.0005	-0.1091
Cement	0.0114	[redacted]			-0.0410	-0.0313	-0.0289	0.0498	0.0042	0.0005	-0.0467
Centaur	3.0227	[redacted]			-0.0214	-0.0773	-0.0968	0.0542	0.0061	0.0030	-0.1322
Centavo	0.0010	[redacted]			-0.0070	-0.0829	-0.0957	0.0400	0.0019	0.0020	-0.1417
Centinela	0.0000	[redacted]			-0.0009	-0.0146	-0.0708	0.0377	0.0035	-0.0018	-0.0469
Centurion	0.0031	13.71	84.77%	16.18	-0.0686	-0.0103	-0.0484	0.1944	0.0036	-0.0003	0.0704
Century	0.0005	2.16	73.88%	2.93	-0.0034	-0.0016	-0.0095	0.0573	0.0033	-0.0005	0.0456
Ceramic	0.0000	2.02	94.51%	2.14	-0.0182	-0.0015	-0.0076	0.0317	0.0026	-0.0003	0.0067
Cereal	0.0000	7.87	65.80%	11.96	-0.0672	-0.0102	-0.0302	0.0435	0.0045	-0.0006	-0.0602
Cero	0.0000	1.96	72.55%	2.71	0.0000	0.0000	-0.0043	0.0536	0.0097	0.0008	0.0598
Cerrito	0.0049	[redacted]			-0.1552	-0.0157	-0.0457	0.1002	0.0052	0.0001	-0.1111
Cerveza	4.4050	15.40	95.19%	16.18	-0.0325	-0.0612	-0.1168	0.1093	0.0048	-0.0052	-0.1016
Cessna	0.2695	9.63	80.53%	11.96	-0.0441	-0.0509	-0.0680	0.0186	0.0031	-0.0013	-0.1426
Ceylon	0.0040	8.57	71.67%	11.96	-0.0319	-0.0266	-0.0610	0.1262	0.0041	-0.0009	0.0099
Chablis	0.0028	[redacted]			-0.0410	-0.1290	-0.1119	0.0133	0.0011	-0.0038	-0.2713
Chadron	0.0000	7.39	68.50%	10.79	-0.0075	-0.0547	-0.0574	0.0261	0.0031	-0.0002	-0.0906
Chaffey	0.0000	5.18	43.33%	11.96	-0.0078	-0.0327	-0.0399	0.0231	0.0023	-0.0038	-0.0588
Chalfant	0.0000	1.42	40.81%	3.48	0.0000	0.0000	-0.0040	0.0285	0.0037	0.0000	0.0282
Challenger	0.0030	[redacted]			-0.0055	-0.0631	-0.0959	0.0231	0.0016	-0.0006	-0.1404
Champion	0.0077	10.11	84.56%	11.96	-0.0232	-0.0080	-0.0375	0.1794	0.0054	-0.0007	0.1154
Chandler	0.0000	1.47	50.05%	2.93	-0.0014	-0.0212	-0.0158	0.0044	0.0003	-0.0003	-0.0340
Chaney	2.4939	9.66	80.79%	11.96	-0.0672	-0.1808	-0.1766	0.0309	0.0012	0.0004	-0.3921
Chang	0.0000	[redacted]			-0.0038	-0.0611	-0.0591	0.0059	0.0035	0.0005	-0.1141
Change	0.0020	[redacted]			-0.0195	-0.1786	-0.1829	0.1230	0.0100	-0.0122	-0.2602
Channel	0.0004	[redacted]			0.0000	-0.0036	-0.1061	0.0573	0.0092	-0.0005	-0.0437
Chanslor	2.3204	[redacted]			-0.2648	-0.0071	-0.0647	0.0286	0.0150	0.0026	-0.2904
Chantry	0.0058	14.68	90.75%	16.18	-0.0578	-0.0425	-0.0829	0.1278	0.0040	-0.0022	-0.0536
Chapala	0.0000	1.01	42.32%	2.39	-0.0006	-0.0079	-0.0115	0.0142	0.0017	0.0000	-0.0041
Chapman	0.0000	2.40	88.61%	2.71	-0.0080	-0.0009	-0.0070	0.0721	0.0027	-0.0003	0.0586
Chardonnay	0.1726	9.02	86.42%	10.43	-0.1966	-0.0136	-0.0405	0.3781	0.0046	-0.0007	0.1313
Chargers	0.0000	9.05	75.70%	11.96	0.0000	0.0000	-0.0578	0.3859	0.0229	-0.0045	0.3465
Chariot	0.0083	15.84	97.94%	16.18	-0.0475	-0.0217	-0.0838	0.3921	0.0046	-0.0011	0.2426
Charity	0.0002	2.32	96.96%	2.39	-0.0189	-0.0072	-0.0126	0.0277	0.0028	-0.0009	-0.0091
Charleville	0.6161	2.40	85.63%	2.80	-0.0020	-0.0078	-0.0177	0.0714	0.0024	-0.0009	0.0454
Charlie	0.0032	[redacted]			-0.0622	-0.0337	-0.0571	0.0735	0.0046	-0.0003	-0.0752
Charlton	0.0048	7.46	62.41%	11.96	-0.0832	-0.0117	-0.0389	0.0262	0.0070	-0.0015	-0.1021
Chartreuse	0.9093	[redacted]			-0.0146	-0.0426	-0.0714	0.0259	0.0024	-0.0014	-0.1017
Chateau	2.1403	18.63	61.01%	30.54	0.0000	0.0000	-0.0648	0.0385	0.0418	-0.0068	0.0087
Chattanooga	0.0065	7.81	65.35%	11.96	-0.0333	-0.0235	-0.0551	0.0695	0.0041	-0.0006	-0.0389
Chavez	3.3413	5.45	79.58%	6.85	-0.0076	-0.0039	-0.0216	0.0018	0.0013	-0.0019	-0.0319
Chawa	0.0067	9.60	80.29%	11.96	-0.1594	-0.0211	-0.0627	0.2485	0.0036	-0.0073	0.0016
Cheerleader	0.0000	8.32	69.61%	11.96	-0.0264	-0.0343	-0.0546	0.0288	0.0033	-0.0004	-0.0836
Cheese	0.9723	[redacted]			-0.0031	-0.0992	-0.1062	0.0015	0.0027	-0.0006	-0.2049
Cheetah	0.2717	11.51	96.23%	11.96	-0.0385	-0.0670	-0.1001	0.1323	0.0054	-0.0022	-0.0701
Chella	0.0000	9.56	79.96%	11.96	-0.0386	-0.0077	-0.0394	0.1315	0.0048	-0.0011	0.0495
Chelsea	0.0000	1.98	69.83%	2.84	-0.0038	-0.0017	-0.0081	0.1855	0.0021	-0.0013	0.1727
Chemical	0.0000	[redacted]			-0.0015	-0.0277	-0.0459	0.0168	0.0032	0.0000	-0.0551
Chenualt	0.0066	8.74	82.74%	10.57	-0.0114	-0.0669	-0.1270	0.0907	0.0022	-0.0004	-0.1128
Cherokee	0.0000	10.78	90.14%	11.96	-0.0437	-0.0040	-0.0544	0.2874	0.0088	-0.0086	0.1855
Chevelle	0.0118	10.30	86.18%	11.96	-0.1308	-0.0238	-0.0911	0.1035	0.0062	-0.0013	-0.1373
Cheviot	0.0015	2.82	96.24%	2.93	-0.0022	-0.0072	-0.0185	0.0848	0.0056	-0.0025	0.0600
Chewbacca	0.5307	8.96	74.93%	11.96	-0.0255	-0.0220	-0.0661	0.0447	0.0030	-0.0003	-0.0662
Cheyenne	0.0040	5.07	42.41%	11.96	-0.0277	-0.0144	-0.0367	0.0847	0.0060	-0.0009	0.0110
Chia	5.2693	9.50	79.49%	11.96	-0.0280	-0.0075	-0.0388	0.0604	0.0044	-0.0017	-0.0112
Chicago	0.0000	[redacted]			-0.0055	-0.0048	-0.0173	0.0270	0.0031	-0.0006	0.0019
Chico	0.0000	6.47	49.44%	13.09	0.0000	0.0000	-0.0421	0.4252	0.0422	-0.0105	0.4148
Chile	0.0041	[redacted]			-0.0133	-0.0533	-0.0907	0.0390	0.0031	-0.0005	-0.1157
Chimay	0.4726	9.62	80.45%	11.96	-0.0387	-0.0356	-0.0613	0.0552	0.0058	-0.0002	-0.0748
Chime	0.0053	6.42	55.69%	11.52	-0.0146	-0.0431	-0.0754	0.0801	0.0028	-0.0014	-0.0516
China	0.0000	10.80	90.34%	11.96	-0.0285	-0.0256	-0.0641	0.1800	0.0063	-0.0026	0.0655
China Peak	0.0000	[redacted]			-0.0009	-0.0012	-0.0053	0.0011	0.0021	0.0010	-0.0032
Chinowth	0.0000	9.44	78.93%	11.96	-0.0227	-0.0037	-0.0352	0.0440	0.0070	-0.0027	-0.0133
Chipper	0.0005	4.94	46.75%	10.57	-0.0352	-0.0210	-0.0375	0.1112	0.0078	-0.0003	0.0250
Chippewa	3.3977	10.54	88.14%	11.96	-0.0600	-0.0558	-0.0810	0.1103	0.0058	-0.0002	-0.0809
Choctaw	0.0064	[redacted]			-0.0076	-0.0776	-0.0673	0.0172	0.0121	0.0007	-0.1225
Choiceanna	0.0000	7.22	60.36%	11.96	-0.0525	-0.0036	-0.0273	0.0377	0.0044	-0.0017	-0.0430
Cholla	0.0009	1.12	94.73%	1.18	-0.0130	0.0000	-0.0042	0.0070	0.0026	0.0000	-0.0076
Chollita	0.0016	2.44	51.01%	4.78	-0.0094	-0.0011	-0.0059	0.0112	0.0172	0.0015	0.0135
Chris	0.0000	7.38	61.76%	11.96	-0.0146	-0.0274	-0.0605	0.1324	0.0038	-0.0006	0.0331
Christine	0.0001	11.10	92.83%	11.96	-0.0596	-0.0039	-0.0361	0.1897	0.0060	0.0000	0.0961
Christy	0.0040	[redacted]			-0.0031	-0.0420	-0.0642	0.0278	0.0040	0.0000	-0.0775
Chrome	0.0000	10.78	90.17%	11.96	-0.0864	-0.0125	-0.0404	0.1407	0.0051	-0.0007	0.0058
Chrysler	0.0000	[redacted]			-0.0037	-0.0614	-0.0843	0.0175	0.0012	-0.0005	-0.1312
Chuck Wagon	0.0056	6.52	54.51%	11.96	-0.1783	-0.0061	-0.0199	0.0666	0.0077	0.0005	-0.1295
Chuckawalla	0.0015	[redacted]			-0.0368	-0.0073	-0.0077	0.0040	0.0012	0.0002	-0.0464
Chucker	0.0020	2.41	82.12%	2.93	-0.0071	-0.0020	-0.0111	0.0365	0.0028	-0.0007	0.0184
Chumash	0.0000	[redacted]			-0.0033	-0.0462	-0.0943	0.0455	0.0023	-0.0015	-0.0975
Church	0.7176	9.01	86.73%	10.39	-0.0141	-0.0204	-0.0611	0.1073	0.0035	-0.0016	0.0136
Churchill	0.0009	[redacted]			-0.0084	-0.0413	-0.0563	0.0312	0.0024	0.0004	-0.0720
Cibola	0.0009	2.71	55.65%	4.87	-0.0022	-0.0009	-0.0024	0.0009	0.0002	-0.0003	-0.0047
Cienigitas	0.0009	7.81	48.28%	16.18	-0.0075	-0.0463	-0.0737	0.1489	0.0040	-0.0013	0.0241
Cimarron	0.0021	7.82	54.72%	14.29	0.0000	0.0000	-0.0347	0.2309	0.0189	-0.0031	0.2120
Cinder	0.0009	[redacted]			-0.0006	-0.0037	-0.0028	0.0252	0.0016	-0.0003	0.0194
Circle	0.0021	1.10	18.12%	6.09	-0.0194	-0.0007	-0.0032	0.0231	0.0010	0.0000	0.0008
Cisco	0.0018	7.66	54.29%	14.12	-0.0074	-0.0681	-0.1287	0.0420	0.0024	-0.0013	-0.1611
Cistern	0.0022	6.27	52.47%	11.96	-0.0656	-0.0022	-0.0206	0.0253	0.0039	0.0000	-0.0592
Citizens	0.4217	6.07	58.20%	10.43	-0.0029	-0.0417	-0.0444	0.0321	0.0005	-0.0003	-0.0567
Citrow	0.2850	9.73	81.40%	11.96	-0.0362	-0.0962	-0.0862	0.0665	0.0034	-0.0003	-0.1490
City Creek	0.0020	10.02	83.83%	11.96	-0.0568	-0.0364	-0.0604	0.0801	0.0040	-0.0019	-0.0714
City Of Banning #1	0.0045	[redacted]			-0.0031	0.0000	0.0000	0.0047	0.0000	0.0000	0.0016
City Of Banning #2	0.0173	[redacted]			-0.0135	0.0000	0.0000	0.0129	0.0000	0.0000	-0.0006
City of Banning #3	0.0002	17.59	53.39%	32.93	-0.0001	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002
City Ranch	0.0000	9.63	80.54%	11.96	-0.0121	-0.0367	-0.0869	0.0767	0.0029	-0.0066	-0.0627
Clair	0.0000	[redacted]			-0.0105	-0.0290	-0.0441	0.0486	0.0031	0.0007	-0.0312
Clampett	0.0021	9.53	79.68%	11.96	-0.0363	-0.0076	-0.0374	0.0244	0.0068	-0.0006	-0.0507
Clancy	0.7970	11.27	94.27%	11.96	-0.0364	-0.1015	-0.0843	0.0442	0.0040	0.0010	-0.1730
Clara	0.0000	0.85	30.29%	2.80	0.0000	0.0000	-0.0023	0.0159	0.0048	0.0023	0.0207
Clarinet	2.7000	15.16	95.46%	15.88	-0.0551	-0.0163	-0.0654	0.1793	0.0036	-0.0012	0.0449
Claudia	0.2906	7.75	67.38%	11.50	-0.0352	-0.0138	-0.0411	0.1446	0.0052	-0.0003	0.0594
Clay	0.0037	8.77	73.31%	11.96	-0.0903	-0.0682	-0.0712	0.2212	0.0130	0.0018	0.0063

2026 (partial)

Facility	Base Demand (MW)[26]	Cumulative Demand (MW)[26]	Facility Loading (%)[26]
Cartmill	0.0000	[redacted]	
Carver	0.0083	8.18	68.38%
Casa Loma	0.0010	2.02	72.20%
Casals	0.0069	9.90	82.76%
Cascada	0.0000	0.88	21.18%
Cascade	0.0066	5.22	80.00%
Case	0.0041	[redacted]	
Casey	0.0000	[redacted]	
Casmalia	0.0003	[redacted]	
Casper	0.0000	[redacted]	
Caspian	0.0046	8.56	82.02%
Cassidy	0.0045	9.93	61.36%
Cassini	2.9910	[redacted]	
Castillo	0.0000	0.00	0.00%
Castlerock	0.0000	2.36	75.33%
Castro	0.0006	7.98	49.33%
Caswell	0.0000	8.35	77.37%
Catalina	0.0000	1.89	93.73%
Catalytic	1.0111	[redacted]	
Cataract	0.0093	11.01	92.05%
Catawba	0.5587	[redacted]	
Caterpillar	4.1722	11.72	98.00%
Catfish	0.0070	[redacted]	
Cathy	0.0000	10.20	85.29%
Catt	0.0090	8.25	68.99%
Cattle	0.8754	10.71	89.61%
Cavaliers	0.0007	[redacted]	
Cawston	0.0001	0.51	17.35%
Caymen	0.0002	9.80	81.99%
Caza	0.0051	10.13	84.72%
Cecil	0.0051	1.28	43.76%
Cedar	0.0013	1.81	61.80%
Cedar Glen	0.0028	3.62	43.38%
Celestial	0.1339	9.43	78.83%
Cello	0.0086	10.80	75.55%
Celtics	0.0038	[redacted]	
Cement	0.0236	[redacted]	
Centaur	3.0233	[redacted]	
Centavo	0.0659	[redacted]	
Centinela	0.0299	[redacted]	
Centurion	0.0035	13.74	84.93%
Century	0.0006	2.18	74.44%
Ceramic	0.0000	2.01	94.30%
Cereal	0.0000	7.85	65.68%
Cero	0.0000	1.99	73.33%
Cerrito	0.0082	[redacted]	
Cerveza	4.4050	15.37	95.03%
Cessna	0.2969	9.62	80.48%
Ceylon	0.0044	8.58	71.72%
Chablis	0.0998	[redacted]	
Chadron	0.0000	7.36	68.23%
Chaffey	0.0000	5.16	43.14%
Chalfant	0.0000	1.43	41.11%
Challenger	0.0036	[redacted]	
Champion	0.0096	10.15	84.88%
Chandler	0.0000	1.46	49.75%
Chaney	2.6678	9.71	81.25%
Chang	0.0000	[redacted]	
Change	0.0033	[redacted]	
Channel	0.0013	[redacted]	
Chanslor	4.3896	[redacted]	
Chantry	0.0095	14.66	90.64%
Chapala	0.0000	1.01	42.27%
Chapman	0.0000	2.42	89.31%
Chardonnay	0.2049	9.11	87.34%
Chargers	0.0000	9.17	76.68%
Chariot	0.0094	15.93	98.51%
Charity	0.0004	2.31	96.85%
Charleville	0.6949	2.50	89.44%
Charlie	0.0042	[redacted]	
Charlton	0.0081	7.43	62.16%
Chartreuse	1.0616	[redacted]	
Chateau	2.4048	18.94	62.00%
Chattanooga	0.0093	7.81	65.32%
Chavez	3.3630	5.46	79.77%
Chawa	0.0114	9.63	80.56%
Cheerleader	0.0000	8.30	69.38%
Cheese	1.0535	[redacted]	
Cheetah	0.2717	11.49	96.11%
Chella	0.0000	9.58	80.13%
Chelsea	0.0000	2.04	71.87%
Chemical	0.0000	[redacted]	
Chenualt	0.0101	8.72	82.53%
Cherokee	0.0000	10.83	90.62%
Chevelle	0.0172	10.26	85.79%
Cheviot	0.0025	2.84	96.95%
Chewbacca	0.6264	9.05	75.65%
Cheyenne	0.0057	5.07	42.43%
Chia	5.4917	9.75	81.51%
Chicago	0.0000	[redacted]	
Chico	0.0000	6.60	50.41%
Chile	0.0055	[redacted]	
Chimay	0.4728	9.60	80.27%
Chime	0.0060	6.41	55.66%
China	0.0000	10.83	90.59%
China Peak	0.0000	[redacted]	
Chinowth	0.0000	9.44	78.92%
Chipper	0.0006	4.95	46.83%
Chippewa	3.3994	10.51	87.91%
Choctaw	0.1597	[redacted]	
Choiceanna	0.0000	7.22	60.35%
Cholla	0.0021	1.12	94.65%
Chollita	0.0037	2.45	51.17%
Chris	0.0000	7.39	61.84%
Christine	0.0001	11.13	93.10%
Christy	0.0040	[redacted]	
Chrome	0.0000	10.78	90.17%
Chrysler	0.0000	[redacted]	
Chuck Wagon	0.0101	6.48	54.17%
Chuckawalla	0.0026	[redacted]	
Chucker	0.0035	2.41	82.37%
Chumash	0.0000	[redacted]	
Church	0.7220	9.02	86.80%
Churchill	0.0029	[redacted]	
Cibola	0.0009	2.71	55.62%
Cienigitas	0.0009	7.82	48.33%
Cimarron	0.0026	7.88	55.12%
Cinder	0.0017	[redacted]	
Circle	0.0027	1.11	18.17%
Cisco	0.0050	7.62	53.96%
Cistern	0.0097	6.26	52.33%
Citizens	0.4222	6.06	58.12%
Citrow	0.3352	9.75	81.54%
City Creek	0.0027	10.02	83.77%
City Of Banning #1	0.0062	[redacted]	
City Of Banning #2	0.0237	[redacted]	
City of Banning #3	0.0002	17.59	53.39%
City Ranch	0.0000	9.61	80.36%
Clair	0.0000	[redacted]	
Clampett	0.0029	9.51	79.55%
Clancy	0.8915	10.45	87.37%
Clara	0.0000	0.86	30.57%
Clarinet	2.7000	15.17	95.54%
Claudia	0.2906	7.77	67.61%
Clay	0.1184	8.87	74.20%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0197	-0.0276	-0.0739	0.0099	0.0056	-0.0024	-0.1081	0.0000	[redacted]			-0.0252	-0.0351	-0.0909	0.0120	0.0086	-0.0028	-0.1334	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0238	-0.0566	-0.0385	0.0147	0.0018	0.0025	-0.0999	0.0173	8.16	68.25%	11.96	-0.0288	-0.0707	-0.0464	0.0185	0.0022	0.0026	-0.1226	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0106	-0.0008	-0.0069	0.0231	0.0042	-0.0004	0.0086	0.0010	2.03	72.38%	2.80	-0.0115	-0.0009	-0.0084	0.0282	0.0063	-0.0007	0.0130	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0316	-0.0251	-0.0826	0.0803	0.0107	-0.0007	-0.0490	0.0069	9.67	80.87%	11.96	-0.0378	-0.0307	-0.1017	0.0976	0.0167	-0.0009	-0.0568	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.17	0.0000	0.0000	-0.0005	0.0005	0.0076	0.0003	0.0079	0.0000	0.89	21.26%	4.17	0.0000	0.0000	-0.0006	0.0007	0.0102	0.0004	0.0107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.52	-0.0916	-0.0034	-0.0272	0.2801	0.0060	-0.0028	0.1611	0.0131	5.27	80.86%	6.52	-0.1024	-0.0039	-0.0331	0.3416	0.0089	-0.0051	0.2060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2783	-0.0052	-0.0888	0.2286	0.0218	-0.0011	-0.1230	0.0082	[redacted]			-0.3432	-0.0068	-0.1091	0.2774	0.0330	-0.0014	-0.1501	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0287	0.2831	0.0496	-0.0101	0.2939	0.0000	[redacted]			0.0000	0.0000	-0.0354	0.3451	0.0640	-0.0124	0.3613	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0576	-0.1088	-0.1585	0.1554	0.0095	-0.0002	-0.1602	0.0006	[redacted]			-0.0704	-0.1386	-0.1902	0.1949	0.0151	-0.0003	-0.1895	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0040	-0.0003	-0.0004	0.0060	0.0011	0.0000	0.0024	0.0000	[redacted]			-0.0040	-0.0003	-0.0004	0.0091	0.0023	0.0000	0.0067	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0004	0.0000	-0.0544	0.0940	0.0122	-0.0096	0.0418	0.0058	8.57	82.14%	10.43	-0.0005	0.0000	-0.0672	0.1172	0.0165	-0.0134	0.0526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0236	-0.0980	-0.1183	0.1134	0.0051	-0.0072	-0.1286	0.0083	9.90	61.21%	16.18	-0.0290	-0.1222	-0.1441	0.1427	0.0077	-0.0099	-0.1548	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0131	-0.0647	-0.0746	0.0320	0.0014	0.0002	-0.1188	2.9910	[redacted]			-0.0163	-0.0832	-0.0893	0.0394	0.0014	0.0002	-0.1478	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.13	-0.0004	-0.0004	-0.0143	0.0027	0.0014	-0.0007	-0.0117	0.0000	2.36	75.26%	3.13	-0.0004	-0.0005	-0.0171	0.0032	0.0020	-0.0009	-0.0137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0662	-0.0234	-0.0807	0.1564	0.0137	-0.0050	-0.0052	0.0011	7.99	49.42%	16.18	-0.0761	-0.0270	-0.0951	0.1913	0.0230	-0.0084	0.0077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.79	-0.0069	-0.0956	-0.1034	0.1800	0.0043	0.0000	-0.0216	0.0000	8.36	77.46%	10.79	-0.0085	-0.1225	-0.1254	0.2383	0.0062	-0.0003	-0.0122	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.02	0.0000	0.0000	-0.0054	0.1312	0.0231	-0.0014	0.1475	0.0000	1.93	95.48%	2.02	0.0000	0.0000	-0.0066	0.1593	0.0300	-0.0019	0.1808	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.0224	-0.0228	0.0226	0.0006	-0.0004	-0.0251	1.0111	[redacted]			-0.0033	-0.0285	-0.0275	0.0281	0.0007	-0.0005	-0.0310	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0821	-0.0143	-0.0551	0.1851	0.0071	-0.0005	0.0402	0.0183	11.03	92.21%	11.96	-0.1071	-0.0182	-0.0653	0.2277	0.0118	-0.0005	0.0484	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0267	-0.0910	-0.0952	0.0284	0.0036	-0.0003	-0.1812	0.5660	[redacted]			-0.0338	-0.1159	-0.1122	0.0351	0.0063	-0.0004	-0.2209	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1236	-0.0097	-0.0376	0.0189	0.0052	0.0002	-0.1466	4.1859	11.68	97.70%	11.96	-0.1668	-0.0127	-0.0461	0.0230	0.0081	0.0003	-0.1942	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0596	-0.1073	-0.1335	0.1273	0.0094	-0.0007	-0.1644	0.0156	[redacted]			-0.0737	-0.1364	-0.1586	0.1576	0.0165	-0.0009	-0.1955	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0462	-0.0400	-0.0791	0.1252	0.0091	-0.0030	-0.0340	0.0000	10.20	85.32%	11.96	-0.0535	-0.0472	-0.0970	0.1566	0.0140	-0.0039	-0.0310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0518	-0.0059	-0.0329	0.0901	0.0079	-0.0004	0.0070	0.0179	8.26	69.09%	11.96	-0.0627	-0.0075	-0.0405	0.1084	0.0121	-0.0005	0.0093	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0565	-0.0235	-0.0678	0.0387	0.0088	-0.0039	-0.1042	1.1220	10.95	91.58%	11.96	-0.0717	-0.0300	-0.0830	0.0470	0.0135	-0.0046	-0.1288	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0078	0.0000	0.0090	0.0122	0.0002	0.0120	0.0007	[redacted]			-0.0020	-0.0099	0.0000	0.0112	0.0121	0.0002	0.0116	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	0.0000	0.0000	0.0000	0.0234	0.0000	0.0000	0.0234	0.0001	0.51	17.54%	2.93	0.0000	0.0000	0.0000	0.0285	0.0000	0.0000	0.0285	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1049	-0.0301	-0.0644	0.1381	0.0108	-0.0010	-0.0515	0.0007	9.80	81.94%	11.96	-0.1290	-0.0360	-0.0790	0.1713	0.0162	-0.0013	-0.0578	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0172	-0.0981	-0.1269	0.1029	0.0037	-0.0020	-0.1376	0.0075	10.10	84.45%	11.96	-0.0213	-0.1248	-0.1525	0.1260	0.0053	-0.0025	-0.1698	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0042	-0.0059	-0.0072	0.0101	0.0085	0.0002	0.0015	0.0108	1.29	44.00%	2.93	-0.0052	-0.0075	-0.0089	0.0125	0.0110	0.0002	0.0021	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0004	-0.0008	-0.0135	0.0759	0.0063	-0.0018	0.0657	0.0035	1.82	62.07%	2.93	-0.0021	-0.0046	-0.0161	0.0872	0.0084	-0.0018	0.0710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	0.0000	0.0000	-0.0247	0.0645	0.0586	-0.0050	0.0934	0.0055	3.65	43.72%	8.35	0.0000	0.0000	-0.0300	0.0781	0.0740	-0.0060	0.1161	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1930	-0.0071	-0.0351	0.0675	0.0095	-0.0004	-0.1586	0.6900	8.91	74.55%	11.96	-0.2367	-0.0090	-0.0431	0.0822	0.0139	-0.0005	-0.1932	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0344	-0.0450	-0.0841	0.0490	0.0034	-0.0005	-0.1116	0.0086	10.78	75.41%	14.29	-0.0416	-0.0538	-0.1010	0.0613	0.0053	-0.0007	-0.1305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0680	-0.0953	-0.1012	0.1034	0.0103	-0.0006	-0.1514	0.0052	[redacted]			-0.0885	-0.1231	-0.1221	0.1267	0.0135	-0.0008	-0.1943	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0524	-0.0416	-0.0377	0.0757	0.0045	0.0006	-0.0509	0.0559	[redacted]			-0.0638	-0.0537	-0.0465	0.1005	0.0048	0.0008	-0.0579	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0284	-0.1052	-0.1295	0.0773	0.0083	0.0032	-0.1743	3.0251	[redacted]			-0.0354	-0.1347	-0.1621	0.1009	0.0107	0.0034	-0.2172	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0093	-0.1118	-0.1238	0.0559	0.0020	0.0028	-0.1842	0.3269	[redacted]			-0.0115	-0.1423	-0.1424	0.0720	0.0022	0.0036	-0.2184	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0012	-0.0197	-0.0912	0.0486	0.0046	-0.0024	-0.0613	0.1845	[redacted]			-0.0015	-0.0251	-0.1088	0.0583	0.0067	-0.0030	-0.0734	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0907	-0.0139	-0.0628	0.2548	0.0061	-0.0004	0.0931	0.0044	13.76	85.06%	16.18	-0.1144	-0.0177	-0.0768	0.3117	0.0092	-0.0005	0.1115	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0040	-0.0019	-0.0125	0.0749	0.0056	-0.0009	0.0612	0.0009	2.20	74.95%	2.93	-0.0046	-0.0022	-0.0153	0.0908	0.0080	-0.0013	0.0754	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	-0.0283	-0.0023	-0.0099	0.0395	0.0040	-0.0004	0.0026	0.0000	2.01	94.06%	2.14	-0.0389	-0.0032	-0.0121	0.0468	0.0059	-0.0005	-0.0020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0870	-0.0137	-0.0393	0.0598	0.0079	-0.0008	-0.0731	0.0000	7.84	65.58%	11.96	-0.1055	-0.0174	-0.0481	0.0755	0.0119	-0.0010	-0.0846	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	0.0000	0.0000	-0.0056	0.0713	0.0135	0.0007	0.0799	0.0000	2.01	74.10%	2.71	0.0000	0.0000	-0.0068	0.0884	0.0175	0.0006	0.0997	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2073	-0.0206	-0.0590	0.1424	0.0086	0.0000	-0.1359	0.0165	[redacted]			-0.2720	-0.0267	-0.0715	0.1787	0.0132	0.0001	-0.1782	0.39	0.37	0.35	0.33	0.28	[redacted]				
16.18	-0.0421	-0.0771	-0.1540	0.1461	0.0089	-0.0071	-0.1253	4.4050	15.34	94.85%	16.18	-0.0533	-0.0937	-0.1888	0.1794	0.0129	-0.0090	-0.1525	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0528	-0.0630	-0.0883	0.0252	0.0054	-0.0018	-0.1753	0.3028	9.59	80.24%	11.96	-0.0608	-0.0756	-0.1085	0.0312	0.0084	-0.0023	-0.2076	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0423	-0.0359	-0.0787	0.1669	0.0068	-0.0012	0.0156	0.0044	8.58	71.76%	11.96	-0.0530	-0.0457	-0.0957	0.2054	0.0100	-0.0015	0.0195	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0532	-0.1741	-0.1440	0.0182	0.0020	-0.0048	-0.3559	0.5976	[redacted]			-0.0644	-0.2215	-0.1749	0.0230	0.0030	-0.0058	-0.4406	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.79	-0.0100	-0.0738	-0.0740	0.0347	0.0050	-0.0003	-0.1184	0.0000	7.34	67.96%	10.79	-0.0126	-0.0939	-0.0886	0.0432	0.0064	-0.0003	-0.1458	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0106	-0.0461	-0.0511	0.0292	0.0037	-0.0047	-0.0796	0.0000	5.14	42.96%	11.96	-0.0134	-0.0600	-0.0617	0.0352	0.0052	-0.0050	-0.0997	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.48	0.0000	0.0000	-0.0051	0.0382	0.0057	0.0000	0.0388	0.0000	1.44	41.43%	3.48	0.0000	0.0000	-0.0062	0.0479	0.0080	0.0000	0.0497	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0080	-0.0931	-0.1232	0.0292	0.0023	-0.0006	-0.1934	0.0049	[redacted]			-0.0103	-0.1236	-0.1469	0.0350	0.0030	-0.0006	-0.2434	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0307	-0.0108	-0.0486	0.2313	0.0086	-0.0009	0.1489	0.0134	10.18	85.18%	11.96	-0.0387	-0.0137	-0.0595	0.2781	0.0127	-0.0011	0.1778	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0017	-0.0259	-0.0203	0.0059	0.0004	-0.0005	-0.0421	0.0000	1.45	49.36%	2.93	-0.0021	-0.0335	-0.0242	0.0072	0.0005	-0.0006	-0.0527	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0871	-0.2438	-0.2290	0.0415	0.0016	0.0004	-0.5164	2.7317	9.65	80.67%	11.96	-0.1053	-0.3105	-0.2816	0.0520	0.0021	0.0004	-0.6429	2.57	3.61	3.72	3.83	4.09	24.88%	34.88%	35.87%	37.08%	40.90%
[redacted]	-0.0049	-0.0824	-0.0749	0.0078	0.0036	0.0007	-0.1501	0.0000	[redacted]			-0.0059	-0.1050	-0.0901	0.0097	0.0036	0.0009	-0.1868	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0273	-0.2488	-0.2377	0.1569	0.0175	-0.0154	-0.3548	0.0066	[redacted]			-0.0358	-0.3238	-0.2875	0.1918	0.0243	-0.0185	-0.4495	2.35	2.94	2.85	2.35	2.35	[redacted]				
[redacted]	0.0000	-0.0036	-0.1285	0.1234	0.0094	-0.0005	0.0002	0.0044	[redacted]			0.0000	-0.0036	-0.1424	0.1995	0.0093	-0.0004	0.0624	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.3460	-0.0096	-0.0838	0.0394	0.0224	0.0031	-0.3745	6.5457	[redacted]			-0.4248	-0.0125	-0.1024	0.0502	0.0295	0.0037	-0.4563	0.00	3.70	3.60	5.70	7.90	[redacted]				
16.18	-0.0803	-0.0573	-0.1084	0.1688	0.0069	-0.0029	-0.0732	0.0190	14.64	90.53%	16.18	-0.1069	-0.0728	-0.1353	0.2076	0.0114	-0.0036	-0.0996	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0008	-0.0107	-0.0149	0.0188	0.0024	0.0000	-0.0052	0.0000	1.01	42.23%	2.39	-0.0010	-0.0136	-0.0179	0.0233	0.0031	0.0000	-0.0061	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0110	-0.0012	-0.0092	0.0931	0.0045	-0.0004	0.0758	0.0000	2.44	89.94%	2.71	-0.0144	-0.0015	-0.0114	0.1121	0.0070	-0.0005	0.0913	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.2470	-0.0176	-0.0519	0.4986	0.0073	-0.0010	0.1884	0.2181	9.18	87.98%	10.43	-0.2943	-0.0218	-0.0633	0.6076	0.0113	-0.0013	0.2382	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0722	0.5049	0.0331	-0.0059	0.4599	0.0000	9.28	77.61%	11.96	0.0000	0.0000	-0.0867	0.6154	0.0473	-0.0073	0.5687	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0607	-0.0283	-0.1082	0.5157	0.0077	-0.0015	0.3247	0.0117	16.01	99.00%	16.18	-0.0747	-0.0352	-0.1322	0.6274	0.0118	-0.0019	0.3952	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0262	-0.0097	-0.0160	0.0362	0.0051	-0.0012	-0.0118	0.0007	2.31	96.72%	2.39	-0.0347	-0.0123	-0.0192	0.0442	0.0084	-0.0015	-0.0151	0.18	0.18	0.18	0.18	0.18	80.00%	80.00%	80.00%	80.00%	80.00%
2.80	-0.0023	-0.0090	-0.0231	0.0946	0.0042	-0.0015	0.0629	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0843	-0.0454	-0.0731	0.1021	0.0075	-0.0004	-0.0936	0.0067	[redacted]			-0.1088	-0.0579	-0.0855	0.1298	0.0124	-0.0004	-0.1104	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1115	-0.0158	-0.0511	0.0352	0.0121	-0.0020	-0.1331	0.0159	7.41	61.95%	11.96	-0.1402	-0.0200	-0.0629	0.0436	0.0184	-0.0025	-0.1636	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0197	-0.0575	-0.0918	0.0338	0.0040	-0.0018	-0.1330	1.0616	[redacted]			-0.0268	-0.0787	-0.1131	0.0405	0.0064	-0.0021	-0.1738	0.00	0.00	0.00	0.00	0.00	[redacted]				
30.54	0.0000	0.0000	-0.0833	0.0515	0.0594	-0.0086	0.0190	2.5454	19.10	62.53%	30.54	0.0000	0.0000	-0.1015	0.0635	0.0734	-0.0105	0.0249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0421	-0.0303	-0.0710	0.0927	0.0070	-0.0008	-0.0445	0.0186	7.81	65.34%	11.96	-0.0514	-0.0374	-0.0867	0.1139	0.0107	-0.0010	-0.0519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.85	-0.0098	-0.0053	-0.0279	0.0026	0.0019	-0.0025	-0.0410	3.3686	5.46	79.72%	6.85	-0.0118	-0.0068	-0.0342	0.0034	0.0027	-0.0031	-0.0498	0.02	2.40	2.40	2.40	2.40	3.33%	400.00%	400.00%	400.00%	400.00%
11.96	-0.1884	-0.0255	-0.0804	0.3276	0.0059	-0.0122	0.0270	0.0233	9.67	80.84%	11.96	-0.2159	-0.0301	-0.0982	0.3980	0.0094	-0.0175	0.0457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0341	-0.0463	-0.0707	0.0376	0.0058	-0.0006	-0.1083	0.0000	8.27	69.15%	11.96	-0.0413	-0.0588	-0.0866	0.0458	0.0088	-0.0008	-0.1329	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0040	-0.1322	-0.1356	0.0020	0.0032	-0.0009	-0.2675	1.0535	[redacted]			-0.0049	-0.1672	-0.1606	0.0025	0.0037	-0.0012	-0.3277	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0499	-0.0877	-0.1301	0.1773	0.0094	-0.0029	-0.0839	0.2717	11.49	96.10%	11.96	-0.0570	-0.1022	-0.1600	0.2236	0.0147	-0.0039	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0503	-0.0099	-0.0513	0.1733	0.0077	-0.0015	0.0680	0.0000	9.58	80.15%	11.96	-0.0704	-0.0135	-0.0632	0.2077	0.0113	-0.0017	0.0702	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0045	-0.0020	-0.0104	0.2434	0.0037	-0.0021	0.2281	0.0000	2.09	73.72%	2.84	-0.0053	-0.0023	-0.0122	0.2948	0.0061	-0.0030	0.2781	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0373	-0.0595	0.0223	0.0033	0.0000	-0.0732	0.0000	[redacted]			-0.0024	-0.0475	-0.0729	0.0278	0.0033	0.0000	-0.0917	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0142	-0.0838	-0.1618	0.1207	0.0032	-0.0005	-0.1364	0.0176	8.70	82.31%	10.57	-0.0169	-0.1016	-0.1991	0.1478	0.0044	-0.0007	-0.1661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0602	-0.0054	-0.0706	0.3722	0.0153	-0.0125	0.2388	0.0000	10.89	91.04%	11.96	-0.0789	-0.0069	-0.0829	0.4470	0.0266	-0.0182	0.2867	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1800	-0.0321	-0.1162	0.1347	0.0101	-0.0016	-0.1851	0.0311	10.21	85.39%	11.96	-0.2374	-0.0409	-0.1410	0.1631	0.0157	-0.0021	-0.2426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0027	-0.0090	-0.0247	0.1101	0.0081	-0.0035	0.0783	0.0049	2.86	97.58%	2.93	-0.0032	-0.0108	-0.0308	0.1325	0.0104	-0.0046	0.0935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0331	-0.0294	-0.0876	0.0615	0.0052	-0.0004	-0.0838	0.6283	9.03	75.51%	11.96	-0.0408	-0.0372	-0.1087	0.0777	0.0081	-0.0005	-0.1014	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0380	-0.0194	-0.0477	0.1099	0.0088	-0.0012	0.0124	0.0090	5.08	42.48%	11.96	-0.0493	-0.0246	-0.0562	0.1326	0.0131	-0.0015	0.0141	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0315	-0.0086	-0.0505	0.0791	0.0074	-0.0028	-0.0069	5.5023	9.75	81.55%	11.96	-0.0410	-0.0121	-0.0625	0.0943	0.0111	-0.0030	-0.0132	2.28	2.72	3.48	3.80	3.80	19.79%	26.00%	33.02%	36.33%	36.26%
[redacted]	-0.0075	-0.0065	-0.0229	0.0349	0.0053	-0.0008	0.0025	0.0000	[redacted]			-0.0098	-0.0083	-0.0281	0.0420	0.0075	-0.0010	0.0023	0.00	0.00	0.00	0.00	0.00	[redacted]				
13.09	0.0000	0.0000	-0.0544	0.5501	0.0556	-0.0140	0.5373	0.0000	6.76	51.64%	13.09	0.0000	0.0000	-0.0641	0.7007	0.0710	-0.0166	0.6910	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0177	-0.0719	-0.1170	0.0528	0.0052	-0.0006	-0.1492	0.0082	[redacted]			-0.0220	-0.0916	-0.1424	0.0660	0.0078	-0.0008	-0.1830	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0502	-0.0482	-0.0788	0.0736	0.0090	-0.0003	-0.0949	0.4733	9.58	80.10%	11.96	-0.0614	-0.0622	-0.0951	0.0911	0.0137	-0.0003	-0.1142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.52	-0.0178	-0.0529	-0.0966	0.1092	0.0045	-0.0022	-0.0558	0.0060	6.41	55.60%	11.52	-0.0211	-0.0632	-0.1178	0.1355	0.0070	-0.0028	-0.0624	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0365	-0.0332	-0.0829	0.2383	0.0104	-0.0035	0.0926	0.0000	10.86	90.81%	11.96	-0.0443	-0.0411	-0.1015	0.2914	0.0158	-0.0044	0.1159	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0016	-0.0067	0.0015	0.0032	0.0011	-0.0037	0.0000	[redacted]			-0.0014	-0.0020	-0.0079	0.0019	0.0043	0.0012	-0.0039	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0281	-0.0046	-0.0468	0.0573	0.0117	-0.0041	-0.0146	0.0000	9.43	78.90%	11.96	-0.0342	-0.0055	-0.0574	0.0692	0.0169	-0.0059	-0.0169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0468	-0.0284	-0.0497	0.1460	0.0125	-0.0003	0.0333	0.0008	4.96	46.94%	10.57	-0.0581	-0.0360	-0.0595	0.1788	0.0187	-0.0004	0.0435	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0815	-0.0753	-0.1038	0.1440	0.0089	-0.0003	-0.1080	3.4034	10.49	87.73%	11.96	-0.1043	-0.0958	-0.1241	0.1800	0.0120	-0.0004	-0.1326	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0101	-0.1046	-0.0836	0.0228	0.0123	0.0010	-0.1622	0.3688	[redacted]			-0.0125	-0.1333	-0.0984	0.0284	0.0122	0.0013	-0.2023	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0627	-0.0043	-0.0350	0.0542	0.0069	-0.0033	-0.0442	0.0000	7.21	60.32%	11.96	-0.0745	-0.0050	-0.0425	0.0698	0.0099	-0.0053	-0.0476	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.18	-0.0173	0.0000	-0.0055	0.0091	0.0041	0.0000	-0.0096	0.0064	1.12	94.85%	1.18	-0.0218	0.0000	-0.0067	0.0110	0.0058	0.0000	-0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.78	-0.0122	-0.0015	-0.0079	0.0150	0.0233	0.0021	0.0188	0.0116	2.46	51.47%	4.78	-0.0148	-0.0019	-0.0096	0.0188	0.0292	0.0027	0.0244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0195	-0.0370	-0.0779	0.1713	0.0063	-0.0009	0.0423	0.0000	7.41	61.94%	11.96	-0.0245	-0.0471	-0.0948	0.2120	0.0093	-0.0012	0.0537	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0792	-0.0053	-0.0472	0.2477	0.0101	0.0000	0.1261	0.0001	11.18	93.49%	11.96	-0.0919	-0.0063	-0.0581	0.3098	0.0156	-0.0001	0.1690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0038	-0.0528	-0.0807	0.0372	0.0067	0.0000	-0.0934	0.0040	[redacted]			-0.0045	-0.0642	-0.0947	0.0457	0.0102	0.0000	-0.1075	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1163	-0.0169	-0.0525	0.1837	0.0086	-0.0009	0.0057	0.0000	10.78	90.13%	11.96	-0.1483	-0.0215	-0.0643	0.2241	0.0130	-0.0011	0.0019	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0049	-0.0829	-0.1076	0.0216	0.0014	-0.0007	-0.1731	0.0000	[redacted]			-0.0060	-0.1056	-0.1308	0.0281	0.0016	-0.0008	-0.2135	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2395	-0.0082	-0.0251	0.0883	0.0127	0.0006	-0.1712	0.0220	8.62	72.06%	11.96	-0.3022	-0.0104	-0.0302	0.1095	0.0184	0.0007	-0.2142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0481	-0.0098	-0.0094	0.0065	0.0019	0.0003	-0.0586	0.0053	[redacted]			-0.0505	-0.0104	-0.0111	0.0082	0.0029	-0.0002	-0.0611	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0098	-0.0027	-0.0148	0.0472	0.0048	-0.0009	0.0238	0.0073	2.42	82.67%	2.93	-0.0130	-0.0034	-0.0182	0.0568	0.0068	-0.0011	0.0279	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0044	-0.0636	-0.1202	0.0592	0.0035	-0.0019	-0.1274	0.0000	[redacted]			-0.0053	-0.0800	-0.1464	0.0741	0.0051	-0.0024	-0.1549	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.39	-0.0191	-0.0275	-0.0799	0.1388	0.0061	-0.0021	0.0163	0.7332	9.03	86.91%	10.39	-0.0245	-0.0350	-0.0988	0.1673	0.0090	-0.0026	0.0154	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0110	-0.0545	-0.0730	0.0424	0.0025	0.0007	-0.0929	0.0100	[redacted]			-0.0134	-0.0685	-0.0890	0.0534	0.0025	0.0010	-0.1140	0.00	0.00	0.00	0.00	0.00	[redacted]				
4.87	-0.0029	-0.0012	-0.0031	0.0013	0.0004	-0.0004	-0.0059	0.0009	2.71	55.60%	4.87	-0.0035	-0.0015	-0.0038	0.0017	0.0006	-0.0005	-0.0070	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0100	-0.0625	-0.0954	0.1954	0.0062	-0.0016	0.0321	0.0009	7.98	49.31%	16.18	-0.0124	-0.0793	-0.1148	0.2392	0.0081	-0.0020	0.0388	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	0.0000	0.0000	-0.0457	0.2917	0.0258	-0.0049	0.2669	0.0035	7.97	55.75%	14.29	0.0000	0.0000	-0.0532	0.3776	0.0322	-0.0050	0.3516	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0011	-0.0070	-0.0036	0.0325	0.0024	-0.0001	0.0231	0.0037	[redacted]			-0.0016	-0.0105	-0.0043	0.0397	0.0030	0.0001	0.0264	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.09	-0.0257	-0.0010	-0.0042	0.0321	0.0018	0.0000	0.0030	0.0040	1.11	18.23%	6.09	-0.0321	-0.0013	-0.0052	0.0408	0.0027	0.0000	0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0098	-0.0918	-0.1661	0.0555	0.0037	-0.0018	-0.2103	0.0132	7.57	53.66%	14.12	-0.0120	-0.1168	-0.2027	0.0687	0.0054	-0.0023	-0.2597	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0904	-0.0030	-0.0265	0.0318	0.0063	0.0000	-0.0818	0.0460	6.27	52.45%	11.96	-0.1194	-0.0038	-0.0324	0.0403	0.0095	0.0000	-0.1058	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0038	-0.0553	-0.0578	0.0510	0.0007	-0.0005	-0.0657	0.4234	6.06	58.04%	10.43	-0.0046	-0.0695	-0.0707	0.0698	0.0010	-0.0008	-0.0748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0483	-0.1298	-0.1098	0.0998	0.0052	-0.0004	-0.1833	0.3391	9.72	81.31%	11.96	-0.0612	-0.1653	-0.1282	0.1340	0.0084	-0.0003	-0.2126	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0690	-0.0444	-0.0786	0.1090	0.0070	-0.0026	-0.0786	0.0051	10.01	83.70%	11.96	-0.0823	-0.0528	-0.0965	0.1351	0.0110	-0.0033	-0.0888	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0047	0.0000	0.0000	0.0058	0.0000	0.0000	0.0011	0.0118	[redacted]			-0.0064	0.0000	0.0000	0.0069	0.0000	0.0000	0.0005	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0186	0.0000	0.0000	0.0166	0.0000	0.0000	-0.0020	0.0400	[redacted]			-0.0237	0.0000	0.0000	0.0200	0.0000	0.0000	-0.0037	0.00	0.00	0.00	0.00	0.00	[redacted]				
32.93	-0.0002	0.0000	0.0000	0.0004	0.0000	0.0000	0.0002	0.0002	17.59	53.39%	32.93	-0.0002	0.0000	0.0000	0.0005	0.0000	0.0000	0.0003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0495	-0.1113	0.0990	0.0046	-0.0089	-0.0826	0.0000	9.58	80.15%	11.96	-0.0214	-0.0628	-0.1356	0.1192	0.0067	-0.0112	-0.1051	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0137	-0.0385	-0.0572	0.0660	0.0052	0.0015	-0.0367	0.0000	[redacted]			-0.0168	-0.0485	-0.0697	0.0832	0.0067	0.0023	-0.0428	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0494	-0.0103	-0.0492	0.0318	0.0118	-0.0008	-0.0661	0.0054	9.50	79.42%	11.96	-0.0642	-0.0131	-0.0595	0.0386	0.0165	-0.0010	-0.0827	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0478	-0.1369	-0.1085	0.0597	0.0063	0.0014	-0.2258	0.8933	10.39	86.90%	11.96	-0.0584	-0.1744	-0.1325	0.0744	0.0091	0.0017	-0.2801	1.41	1.52	1.41	1.41	1.41	14.69%	15.83%	14.24%	14.24%	14.24%
2.80	0.0000	0.0000	-0.0030	0.0212	0.0069	0.0030	0.0281	0.0000	0.86	30.85%	2.80	0.0000	0.0000	-0.0037	0.0263	0.0093	0.0037	0.0356	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0746	-0.0220	-0.0845	0.2328	0.0061	-0.0016	0.0562	2.7000	15.18	95.57%	15.88	-0.0962	-0.0280	-0.1033	0.2813	0.0091	-0.0020	0.0609	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.50	-0.0466	-0.0186	-0.0504	0.1899	0.0097	-0.0003	0.0837	0.2906	7.80	67.83%	11.50	-0.0577	-0.0236	-0.0596	0.2326	0.0164	-0.0004	0.1077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1259	-0.0934	-0.0933	0.2891	0.0171	0.0019	-0.0045	0.2700	9.01	75.38%	11.96	-0.1649	-0.1197	-0.1147	0.3563	0.0218	0.0021	-0.0191	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023										
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Claymine		0.0000	0.74	49.37%	1.50	-0.0006	0.0000	-0.0001	0.0003	0.0019	0.0000	0.0015
Clayton		0.0951	12.62	78.01%	16.18	-0.0086	-0.0237	-0.0392	0.0479	0.0010	-0.0013	-0.0239
Cleat		0.3250	4.51	37.75%	11.96	-0.0080	-0.0056	-0.0100	0.0147	0.0005	-0.0005	-0.0089
Clemont	GNA_2023_201	0.0001	2.13	118.96%	1.79	0.0000	0.0000	-0.0023	0.0060	0.0007	-0.0002	0.0042
Clemson		0.0003	[redacted]			-0.0060	-0.0039	-0.0257	0.0341	0.0017	-0.0018	-0.0016
Cleo		0.0001	2.02	84.73%	2.39	0.0000	0.0000	-0.0017	0.0443	0.0051	-0.0004	0.0473
Clerk		0.0003	[redacted]			-0.0109	-0.0133	-0.0484	0.0492	0.0009	-0.0005	-0.0230
Cleveland		0.0001	9.83	82.19%	11.96	-0.0313	-0.0048	-0.0147	0.1098	0.0010	-0.0001	0.0599
Clifford		0.0000	[redacted]			-0.0034	-0.0073	-0.0201	0.0149	0.0017	-0.0003	-0.0145
Clifton		0.0000	1.83	62.59%	2.93	-0.0035	-0.0005	-0.0026	0.0342	0.0010	0.0000	0.0286
Cline		0.0000	[redacted]			-0.0012	-0.0021	-0.0059	0.0039	0.0003	-0.0003	-0.0053
Clinic		0.0002	[redacted]			-0.0020	-0.0130	-0.0295	0.0080	0.0005	-0.0007	-0.0367
Clinton		0.0000	13.35	40.55%	32.93	-0.0727	0.0000	-0.0281	0.0111	0.0045	-0.0003	-0.0855
Clipper		0.0000	0.00	0.00%	1.98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cloer		0.0000	7.00	67.05%	10.43	-0.0002	-0.0002	-0.0046	0.0064	0.0012	-0.0002	0.0024
Clove		0.0000	7.53	62.96%	11.96	-0.0494	-0.0035	-0.0099	0.0324	0.0010	0.0000	-0.0294
Clover		0.0000	11.10	105.06%	10.57	-0.0292	-0.0117	-0.0197	0.0306	0.0022	0.0000	-0.0278
Cloverfield		0.0000	[redacted]			-0.0034	-0.0033	-0.0059	0.0269	0.0008	0.0001	0.0152
Cloverly		0.0496	2.71	92.55%	2.93	-0.0002	-0.0003	-0.0033	0.0142	0.0007	-0.0004	0.0107
Clubhouse		0.0003	[redacted]			-0.0072	-0.0434	-0.0667	0.0054	0.0003	-0.0001	-0.1117
Clutch		0.0000	8.76	73.27%	11.96	-0.0207	-0.0070	-0.0122	0.0129	0.0025	0.0000	-0.0245
Clydesdale		0.8840	[redacted]			-0.0419	-0.0131	-0.0288	0.0274	0.0008	0.0000	-0.0556
Coach		0.0003	9.40	78.65%	11.96	-0.0141	-0.0038	-0.0163	0.0656	0.0012	-0.0001	0.0325
Coachella	GNA_2023_132	0.2913	[redacted]			-0.1230	-0.0402	-0.0460	0.0105	0.0015	0.0000	-0.1972
Coal		0.0000	10.25	85.71%	11.96	-0.0193	-0.0054	-0.0173	0.0581	0.0014	-0.0004	0.0171
Coalinga		0.0000	[redacted]			-0.0279	-0.0087	-0.0171	0.0083	0.0003	-0.0002	-0.0453
Coastal	GNA_2023_94	0.0000	8.71	72.83%	11.96	-0.0167	-0.0125	-0.0308	0.0678	0.0012	-0.0001	0.0089
Cobalt		0.2364	9.33	78.06%	11.96	-0.0226	-0.0102	-0.0302	0.0586	0.0016	-0.0003	-0.0031
Cobra		0.0002	7.06	43.67%	16.18	-0.0012	-0.0054	-0.0127	0.0116	0.0004	-0.0005	-0.0078
Cocamo		0.0000	6.20	51.82%	11.96	-0.0088	-0.0047	-0.0106	0.0237	0.0004	-0.0004	-0.0004
Cochise		0.1828	6.41	53.62%	11.96	-0.0139	-0.0029	-0.0155	0.0149	0.0009	-0.0002	-0.0167
Coco		0.0001	7.05	58.97%	11.96	-0.0050	-0.0328	-0.0266	0.0103	0.0007	-0.0005	-0.0539
Code		0.0000	1.62	75.99%	2.14	-0.0013	-0.0004	-0.0031	0.0152	0.0012	-0.0001	0.0115
Codona		0.0001	2.09	87.64%	2.39	-0.0037	-0.0003	-0.0020	0.0200	0.0007	0.0000	0.0147
Cody		0.0002	[redacted]			-0.0039	-0.0099	-0.0169	0.0065	0.0012	-0.0001	-0.0231
Cognac		0.0001	6.52	54.56%	11.96	-0.0207	-0.0018	-0.0071	0.0396	0.0008	0.0000	0.0108
Cogswell		0.0000	2.32	97.06%	2.39	-0.0009	-0.0002	-0.0033	0.0110	0.0006	-0.0003	0.0069
Cojo		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0084	0.0011	0.0000	0.0094
Cola		0.0000	2.60	88.66%	2.93	-0.0028	-0.0004	-0.0034	0.0066	0.0006	0.0000	0.0006
Colburn		0.0000	2.86	97.57%	2.93	0.0000	0.0000	-0.0008	0.0092	0.0029	0.0000	0.0113
Coldbrook		0.0000	0.81	52.85%	1.53	-0.0022	-0.0001	-0.0009	0.0033	0.0007	0.0000	0.0008
Coldwater		0.0000	2.52	90.19%	2.80	-0.0022	-0.0002	-0.0027	0.0064	0.0003	-0.0001	0.0015
Cole		0.0000	2.25	94.04%	2.39	-0.0032	-0.0018	-0.0023	0.0083	0.0005	-0.0003	0.0012
Colfax		0.0000	9.21	76.99%	11.96	-0.0095	-0.0105	-0.0168	0.0245	0.0010	-0.0011	-0.0124
Colgate		0.0000	[redacted]			-0.0116	-0.0050	-0.0133	0.0152	0.0009	-0.0002	-0.0140
Coliseum		0.0000	[redacted]			-0.0023	-0.0012	-0.0086	0.0789	0.0021	-0.0011	0.0678
Colleen		0.0000	10.71	89.54%	11.96	-0.0116	-0.0210	-0.0299	0.0191	0.0007	-0.0011	-0.0438
College Park		0.0001	1.95	81.50%	2.39	-0.0025	-0.0006	-0.0020	0.0080	0.0006	-0.0001	0.0034
Collie		0.0000	9.07	75.84%	11.96	-0.0193	-0.0071	-0.0153	0.0270	0.0007	-0.0001	-0.0141
Collier	GNA_2023_113	0.9015	9.27	77.52%	11.96	-0.0338	-0.0095	-0.0247	0.0568	0.0014	-0.0004	-0.0102
Collins		0.0004	12.97	80.20%	16.18	-0.0186	-0.0190	-0.0341	0.0315	0.0011	-0.0005	-0.0396
Color		0.0000	0.86	40.48%	2.14	0.0000	0.0000	-0.0009	0.0015	0.0009	-0.0002	0.0013
Colt		0.5030	[redacted]			-0.0419	-0.0181	-0.0259	0.0214	0.0009	0.0000	-0.0636
Columbia		0.0000	2.64	97.54%	2.71	-0.0034	-0.0055	-0.0071	0.0055	0.0005	-0.0006	-0.0106
Colyer	GNA_2023_47	2.0001	14.87	109.91%	13.53	-0.0185	-0.0348	-0.0452	0.0292	0.0031	-0.0001	-0.0663
Comanche		0.0000	9.98	83.50%	11.96	0.0000	0.0000	-0.0159	0.0626	0.0030	-0.0006	0.0491
Combat		0.7944	10.53	88.05%	11.96	-0.0187	-0.0092	-0.0143	0.0159	0.0006	-0.0020	-0.0277
Comet		0.0003	8.62	72.07%	11.96	0.0000	0.0000	-0.0063	0.0196	0.0025	-0.0007	0.0151
Commercial		0.0000	2.78	94.90%	2.93	-0.0038	-0.0008	-0.0025	0.0092	0.0004	-0.0001	0.0024
Commonwealth	GNA_2023_3	0.0001	2.61	89.07%	2.93	-0.0015	-0.0057	-0.0078	0.0133	0.0004	-0.0001	-0.0014
Como		0.0000	1.72	58.57%	2.93	-0.0035	-0.0006	-0.0023	0.0527	0.0012	-0.0002	0.0473
Complex		0.0000	7.08	59.18%	11.96	-0.0083	-0.0120	-0.0192	0.0177	0.0006	-0.0003	-0.0215
Computer		0.0000	[redacted]			-0.0006	-0.0170	-0.0259	0.0065	0.0004	0.0000	-0.0366
Conant		0.0000	9.66	82.25%	11.74	-0.0119	-0.0234	-0.0345	0.0367	0.0026	-0.0003	-0.0308
Concepcion		0.0000	0.79	8.39%	9.41	-0.0025	-0.0008	-0.0014	0.0493	0.0016	0.0062	0.0524
Concord		0.0001	2.88	98.30%	2.93	-0.0013	-0.0002	-0.0022	0.0157	0.0007	-0.0007	0.0120
Concourse		0.0002	[redacted]			-0.0070	-0.0201	-0.0553	0.0409	0.0011	-0.0025	-0.0429
Concrete		0.0001	4.90	40.95%	11.96	-0.0025	-0.0136	-0.0225	0.0046	0.0006	-0.0002	-0.0336
Condor		0.0002	5.21	49.96%	10.43	-0.0160	-0.0031	-0.0103	0.0322	0.0004	-0.0002	0.0030
Conejo		0.3964	[redacted]			-0.0072	-0.0085	-0.0223	0.0240	0.0004	-0.0002	-0.0138
Conestoga	GNA_2023_149	0.0004	10.37	86.72%	11.96	-0.0502	-0.0226	-0.0338	0.0397	0.0007	-0.0004	-0.0666
Congo		0.0000	10.37	86.71%	11.96	-0.0120	-0.0032	-0.0127	0.0213	0.0012	-0.0004	-0.0058
Congress		0.0001	7.60	63.59%	11.96	-0.0102	-0.0104	-0.0091	0.0276	0.0023	-0.0002	0.0000
Conifer		0.0004	14.67	90.67%	16.18	-0.0168	-0.0060	-0.0165	0.0889	0.0015	0.0001	0.0512
Conine	GNA_2023_348	0.8710	9.09	76.01%	11.96	-0.0459	-0.0112	-0.0221	0.0095	0.0015	-0.0003	-0.0685
Conley		0.0001	[redacted]			-0.0030	-0.0087	-0.0129	0.0011	0.0003	-0.0002	-0.0234
Connecticut		1.4313	9.78	81.78%	11.96	-0.0044	-0.0199	-0.0333	0.0132	0.0005	-0.0001	-0.0440
Conners		0.0003	[redacted]			-0.0006	-0.0211	-0.0195	0.0026	0.0045	0.0000	-0.0341
Conning	GNA_2023_20	0.0004	[redacted]			-0.0046	-0.0405	-0.0517	0.0122	0.0003	-0.0001	-0.0844
Consejo	GNA_2023_335	0.0001	[redacted]			-0.0027	-0.0067	-0.0112	0.0171	0.0005	0.0000	-0.0030
Constantine		0.0005	15.07	93.15%	16.18	-0.0159	-0.0015	-0.0146	0.0430	0.0011	-0.0001	0.0120
Conte		0.0001	1.94	37.22%	5.22	-0.0002	-0.0001	-0.0036	0.0097	0.0016	-0.0004	0.0070
Continent		0.0001	[redacted]			-0.0005	-0.0203	-0.0319	0.0056	0.0012	0.0000	-0.0459
Converse		0.0000	1.64	99.68%	1.65	0.0000	0.0000	-0.0025	0.0045	0.0007	-0.0003	0.0024
Convex		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Conveyor		0.0004	11.65	97.41%	11.96	-0.0131	-0.0125	-0.0248	0.0239	0.0012	-0.0002	-0.0255
Conway		0.0000	1.71	24.29%	7.06	0.0000	0.0000	-0.0005	0.0001	0.0011	-0.0007	0.0000
Cony		0.0000	[redacted]			-0.0145	-0.0315	-0.0291	0.0412	0.0046	0.0002	-0.0291
Cooler		0.0002	6.53	54.62%	11.96	-0.0233	-0.0042	-0.0091	0.0535	0.0007	-0.0001	0.0175
Cooley		0.3133	8.40	95.40%	8.80	-0.0074	-0.0065	-0.0170	0.0221	0.0009	-0.0004	-0.0083
Cooper		0.0000	[redacted]			-0.0065	-0.0124	-0.0085	0.0013	0.0007	0.0005	-0.0249
Copper		0.0000	[redacted]			-0.0008	-0.0258	-0.0361	0.0013	0.0007	0.0000	-0.0607
Copperhead	GNA_2023_214	0.0003	8.71	53.82%	16.18	-0.0015	-0.0126	-0.0251	0.0147	0.0003	-0.0009	-0.0251
Copra		0.0000	1.08	39.92%	2.71	0.0000	0.0000	-0.0007	0.0093	0.0026	-0.0001	0.0111
Corak		0.2910	5.46	45.65%	11.96	-0.0079	-0.0062	-0.0107	0.0131	0.0007	-0.0005	-0.0115
Coral		0.0000	0.60	21.54%	2.80	0.0000	0.0000	-0.0004	0.0241	0.0035	0.0000	0.0272
Corbina		0.0000	8.77	73.32%	11.96	0.0000	0.0000	-0.0212	0.0695	0.0036	-0.0015	0.0504
Corby		0.0000	9.30	77.82%	11.96	-0.0029	-0.0195	-0.0393	0.0170	0.0008	-0.0003	-0.0442
Cord		0.0000	[redacted]			-0.0001	-0.0007	-0.0010	0.0009	0.0000	0.0000	-0.0009
Cordial		0.0002	9.82	82.13%	11.96	-0.0111	-0.0047	-0.0132	0.0055	0.0029	-0.0002	-0.0208
Cordoba		0.0001	[redacted]			-0.0008	-0.0047	-0.0319	0.0145	0.0003	-0.0002	-0.0228
Cordon		0.0001	10.09	84.36%	11.96	-0.0132	-0.0102	-0.0166	0.0325	0.0012	-0.0003	-0.0066
Cordova		0.0000	1.95	69.56%	2.80	-0.0014	-0.0002	-0.0021	0.0135	0.0004	-0.0001	0.0101
Corinth	GNA_2023_321	0.0001	[redacted]			-0.0119	-0.0121	-0.0316	0.0204	0.0014	-0.0003	-0.0341
Cornish		0.0000	2.49	104.32%	2.39	0.0000	0.0000	-0.0017	0.0093	0.0050	-0.0001	0.0125
Cornnut		0.0002	[redacted]			-0.0048	-0.0288	-0.0350	0.0123	0.0003	-0.0001	-0.0561
Cornwall		0.0003	8.97	75.05%	11.96	-0.0045	-0.0068	-0.0246	0.0411	0.0009	-0.0002	0.0059
Coronado		0.0000	[redacted]			-0.0025	-0.0129	-0.0371	0.0153	0.0007	-0.0006	-0.0371
Coronita		0.0005	10.35	86.55%	11.96	-0.0246	-0.0014	-0.0108	0.0504	0.0020	-0.0001	0.0155
Corporal		0.0003	8.40	70.23%	11.96	-0.0287	-0.0082	-0.0114	0.0074	0.0026	0.0001	-0.0382
Corral		0.0000	1.65	96.37%	1.71	-0.0040	-0.0017	-0.0032	0.0126	0.0004	-0.0001	0.0040
Corrine		0.0000	2.29	78.32%	2.93	-0.0004	-0.0004	-0.0037	0.0217	0.0011	-0.0002	0.0181
Corsair		0.0004	9.64	92.36%	10.43	-0.0688	-0.0035	-0.0153	0.0517	0.0017	-0.0006	-0.0348
Corsica		0.0004	14.16	90.51%	15.65	-0.0119	-0.0278	-0.0727	0.1132	0.0035	-0.0017	0.0026
Corta		0.0124	0.98	92.23%	1.07	-0.0015	-0.0007	-0.0018	0.0025	0.0003	-0.0002	-0.0014
Cortese		0.0000	0.85	8.15%	10.43	-0.0029	-0.0063	-0.0033	0.0110	0.0005	0.0002	-0.0008
Corvette		0.0000	7.45	62.31%	11.96	-0.0019	-0.0017	-0.0089	0.0299	0.0033	-0.0008	0.0199
Cory		0.0002	[redacted]			-0.0022	-0.0062	-0.0253	0.0248	0.0006	-0.0005	-0.0088
Costello		0.0001	[redacted]			0.0000	0.0000	-0.0002	0.0055	0.0011	0.0000	0.0064
Cotton		0.0002	5.78	69.26%	8.35	-0.0017	-0.0024	-0.0056	0.0023	0.0022	0.0000	-0.0052
Cottonmouth	GNA_2023_212	0.0005	15.11	93.40%	16.18	-0.0064	-0.0049	-0.0192	0.0438	0.0007	-0.0009	0.0131
Cougar		0.0000	[redacted]			-0.0021	-0.0196	-0.0269	0.0036	0.0006	0.0000	-0.0444
Counterfeit		1.2849	[redacted]			-0.0029	-0.0314	-0.0444	0.0090	0.0014	0.0002	-0.0681
Country Club		0.0000	[redacted]			-0.0001	-0.0012	-0.0012	0.0014	0.0001	-0.0001	-0.0011
Countrywood		0.7672	[redacted]			-0.0079	-0.0263	-0.0450	0.0250	0.0006	-0.0005	-0.0541
County		0.0000	[redacted]			-0.0001	-0.0045	-0.0080	0.0014	0.0090	0.0000	-0.0022
Coupler		0.0000	9.70	81.10%	11.96	-0.0081	-0.0017	-0.0097	0.0422	0.0009	-0.0001	0.0235
Course		0.0003	[redacted]			-0.0076	-0.0144	-0.0184	0.0187	0.0007	-0.0011	-0.0221
Courson		0.0002	10.96	91.70%	11.96	-0.0152	-0.0014	-0.0133	0.0200	0.0009	-0.0001	-0.0091
Court		0.0000	1.41	50.50%	2.80	-0.0005	-0.0025	-0.0055	0.0112	0.0005	-0.0002	0.0030
Courtland		0.0002	[redacted]			-0.0020	-0.0196	-0.0281	0.0408	0.0015	0.0001	-0.0073
Cove		0.0584	[redacted]			-0.0090	-0.0022	-0.0050	0.0123	0.0001	-0.0001	-0.0039
Coventry		0.0000	12.65	78.22%	16.18	-0.0167	-0.0267	-0.0521	0.0974	0.0003	-0.0030	-0.0008
Coveview		0.0002	5.44	33.60%	16.18	0.0000	0.0000	-0.0080	0.0998	0.0054	-0.0018	0.0954
Cowcatcher		0.0004	10.29	86.07%	11.96	-0.0107	-0.0162	-0.0287	0.0243	0.0009	-0.0007	-0.0311

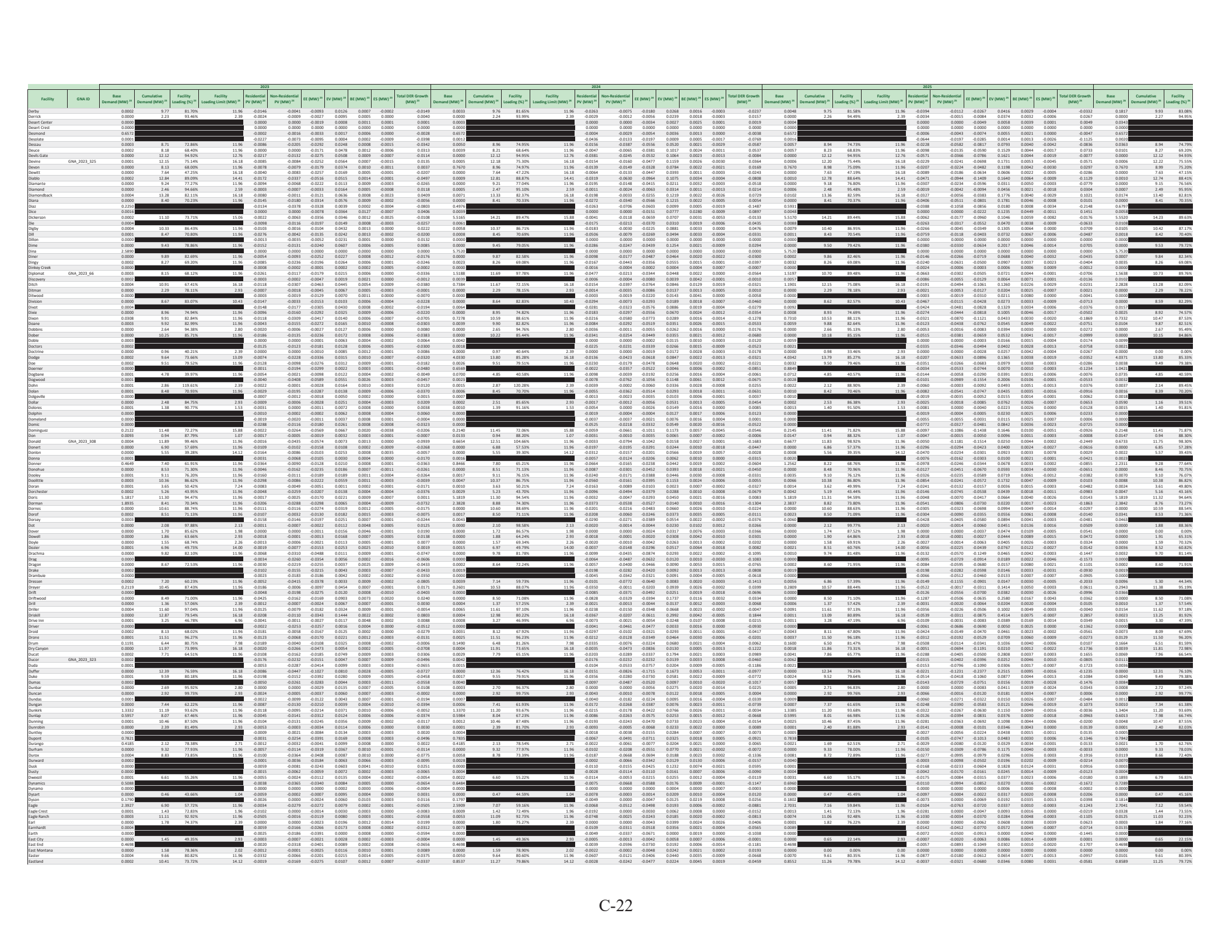
Facility	2024										
	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Claymine	0.0000	0.74	49.59%	1.50	-0.0008	0.0000	-0.0002	0.0006	0.0050	0.0000	0.0046
Clayton	0.1311	12.65	78.20%	16.18	-0.0160	-0.0442	-0.0731	0.1028	0.0024	-0.0025	-0.0306
Cleat	0.4145	4.60	38.51%	11.96	-0.0151	-0.0106	-0.0182	0.0309	0.0015	-0.0010	-0.0125
Clemont	0.0010	2.14	119.29%	1.79	0.0000	0.0000	-0.0047	0.0122	0.0021	-0.0005	0.0091
Clemson	0.0045	[redacted]			-0.0105	-0.0072	-0.0469	0.0703	0.0043	-0.0034	0.0066
Cleo	0.0011	2.08	86.91%	2.39	0.0000	0.0000	-0.0036	0.0902	0.0099	-0.0011	0.0954
Clerk	0.0056	[redacted]			-0.0197	-0.0244	-0.0864	0.1094	0.0030	-0.0010	-0.0191
Cleveland	0.0020	9.91	82.89%	11.96	-0.0574	-0.0089	-0.0307	0.2291	0.0026	-0.0001	0.1346
Clifford	0.0001	[redacted]			-0.0061	-0.0136	-0.0388	0.0308	0.0027	-0.0006	-0.0256
Clifton	0.0001	1.86	63.48%	2.93	-0.0066	-0.0009	-0.0055	0.0626	0.0033	0.0001	0.0530
Cline	0.0000	[redacted]			-0.0022	-0.0039	-0.0109	0.0081	0.0011	-0.0006	-0.0084
Clinic	0.0040	[redacted]			-0.0038	-0.0242	-0.0542	0.0163	0.0012	-0.0013	-0.0660
Clinton	0.0000	13.29	40.34%	32.93	-0.1242	0.0000	-0.0578	0.0267	0.0081	-0.0008	-0.1480
Clipper	0.0000	0.00	0.00%	1.98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cloer	0.0012	7.00	67.12%	10.43	-0.0004	-0.0003	-0.0090	0.0158	0.0023	-0.0004	0.0080
Clove	0.0000	7.53	63.01%	11.96	-0.0769	-0.0055	-0.0190	0.0752	0.0027	-0.0002	-0.0237
Clover	0.0000	11.08	104.86%	10.57	-0.0564	-0.0226	-0.0391	0.0667	0.0042	-0.0003	-0.0475
Cloverfield	0.0000	[redacted]			-0.0059	-0.0062	-0.0106	0.0560	0.0017	0.0003	0.0353
Cloverly	0.0973	2.77	94.53%	2.93	-0.0011	-0.0016	-0.0067	0.0245	0.0014	-0.0006	0.0159
Clubhouse	0.0054	[redacted]			-0.0142	-0.0790	-0.1183	0.0118	0.0009	-0.0002	-0.1990
Clutch	0.0000	8.74	73.09%	11.96	-0.0364	-0.0133	-0.0253	0.0268	0.0040	0.0000	-0.0442
Clydesdale	1.4414	[redacted]			-0.0641	-0.0201	-0.0522	0.0637	0.0025	-0.0001	-0.0703
Coach	0.0035	9.45	79.04%	11.96	-0.0265	-0.0071	-0.0313	0.1348	0.0029	-0.0002	0.0726
Coachella	1.3079	[redacted]			-0.2315	-0.0696	-0.0872	0.0236	0.0052	0.0001	-0.3594
Coal	0.0000	10.28	85.97%	11.96	-0.0346	-0.0102	-0.0317	0.1193	0.0031	-0.0008	0.0451
Coalinga	0.0000	[redacted]			-0.0490	-0.0160	-0.0331	0.0213	0.0013	-0.0003	-0.0758
Coastal	0.0000	8.74	73.06%	11.96	-0.0309	-0.0229	-0.0568	0.1428	0.0029	-0.0002	0.0349
Cobalt	0.3088	9.42	78.81%	11.96	-0.0412	-0.0187	-0.0580	0.1229	0.0042	-0.0006	0.0086
Cobra	0.0031	7.06	43.67%	16.18	-0.0024	-0.0104	-0.0229	0.0240	0.0008	-0.0012	-0.0121
Cocamo	0.0000	6.20	51.88%	11.96	-0.0165	-0.0088	-0.0195	0.0501	0.0014	-0.0007	0.0060
Cochise	0.2347	6.46	54.00%	11.96	-0.0253	-0.0053	-0.0284	0.0306	0.0021	-0.0004	-0.0267
Coco	0.0007	7.00	58.59%	11.96	-0.0100	-0.0624	-0.0475	0.0215	0.0016	-0.0011	-0.0979
Code	0.0000	1.64	76.62%	2.14	-0.0025	-0.0008	-0.0056	0.0310	0.0021	-0.0002	0.0240
Codona	0.0011	2.11	88.44%	2.39	-0.0067	-0.0006	-0.0044	0.0413	0.0018	0.0000	0.0314
Cody	0.0023	[redacted]			-0.0069	-0.0175	-0.0314	0.0151	0.0026	-0.0002	-0.0383
Cognac	0.0010	6.54	54.73%	11.96	-0.0378	-0.0033	-0.0150	0.0828	0.0020	0.0000	0.0287
Cogswell	0.0003	2.32	97.27%	2.39	-0.0029	-0.0008	-0.0070	0.0211	0.0014	-0.0004	0.0114
Cojo	0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0171	0.0024	0.0000	0.0193
Cola	0.0000	2.60	88.72%	2.93	-0.0051	-0.0008	-0.0069	0.0135	0.0014	0.0000	0.0021
Colburn	0.0007	2.87	98.02%	2.93	0.0000	0.0000	-0.0017	0.0186	0.0056	0.0000	0.0225
Coldbrook	0.0000	0.81	52.96%	1.53	-0.0039	-0.0002	-0.0018	0.0069	0.0014	0.0000	0.0024
Coldwater	0.0004	2.53	90.31%	2.80	-0.0041	-0.0003	-0.0056	0.0132	0.0011	-0.0002	0.0041
Cole	0.0000	2.25	94.17%	2.39	-0.0057	-0.0036	-0.0045	0.0171	0.0014	-0.0006	0.0041
Colfax	0.0000	9.20	76.92%	11.96	-0.0183	-0.0202	-0.0328	0.0505	0.0025	-0.0021	-0.0204
Colgate	0.0000	[redacted]			-0.0204	-0.0092	-0.0264	0.0313	0.0023	-0.0003	-0.0227
Coliseum	0.0000	[redacted]			-0.0098	-0.0051	-0.0191	0.1238	0.0052	-0.0011	0.0939
Colleen	0.0000	9.15	76.50%	11.96	-0.0213	-0.0395	-0.0563	0.0399	0.0018	-0.0021	-0.0775
College Park	0.0011	1.95	81.87%	2.39	-0.0032	-0.0008	-0.0040	0.0175	0.0014	-0.0004	0.0105
Collie	0.0000	9.08	75.91%	11.96	-0.0293	-0.0113	-0.0305	0.0627	0.0021	-0.0004	-0.0067
Collier	1.1509	9.55	79.85%	11.96	-0.0601	-0.0176	-0.0482	0.1173	0.0034	-0.0007	-0.0059
Collins	0.0030	12.96	80.12%	16.18	-0.0320	-0.0333	-0.0636	0.0735	0.0025	-0.0011	-0.0540
Color	0.0000	0.87	40.55%	2.14	0.0000	0.0000	-0.0018	0.0031	0.0020	-0.0005	0.0028
Colt	0.8736	[redacted]			-0.0625	-0.0282	-0.0483	0.0496	0.0027	-0.0003	-0.0870
Columbia	0.0000	2.63	97.22%	2.71	-0.0063	-0.0107	-0.0130	0.0114	0.0012	-0.0011	-0.0185
Colyer	2.0025	14.82	109.57%	13.53	-0.0336	-0.0647	-0.0852	0.0642	0.0073	-0.0008	-0.1128
Comanche	0.0000	10.04	83.96%	11.96	0.0000	0.0000	-0.0295	0.1273	0.0057	-0.0016	0.1019
Combat	0.9952	10.72	89.68%	11.96	-0.0350	-0.0171	-0.0305	0.0366	0.0025	-0.0039	-0.0474
Comet	0.0042	8.64	72.26%	11.96	0.0000	0.0000	-0.0119	0.0399	0.0060	-0.0016	0.0324
Commercial	0.0000	2.78	95.04%	2.93	-0.0068	-0.0015	-0.0053	0.0190	0.0010	-0.0002	0.0062
Commonwealth	0.0016	2.41	82.21%	2.93	-0.0029	-0.0110	-0.0137	0.0275	0.0016	-0.0002	0.0013
Como	0.0000	1.76	59.92%	2.93	-0.0079	-0.0016	-0.0050	0.0968	0.0024	-0.0003	0.0844
Complex	0.0000	7.06	59.05%	11.96	-0.0156	-0.0228	-0.0343	0.0365	0.0015	-0.0006	-0.0353
Computer	0.2352	[redacted]			-0.0012	-0.0316	-0.0442	0.0131	0.0013	0.0000	-0.0626
Conant	0.0003	9.65	82.17%	11.74	-0.0210	-0.0429	-0.0592	0.0782	0.0052	-0.0005	-0.0402
Concepcion	0.0000	0.87	9.20%	9.41	-0.0025	-0.0008	-0.0024	0.1216	0.0027	0.0057	0.1243
Concord	0.0020	2.90	98.86%	2.93	-0.0023	-0.0004	-0.0047	0.0320	0.0018	-0.0013	0.0251
Concourse	0.0031	[redacted]			-0.0163	-0.0480	-0.1014	0.0801	0.0028	-0.0044	-0.0872
Concrete	0.0011	4.87	40.74%	11.96	-0.0046	-0.0250	-0.0382	0.0096	0.0013	-0.0004	-0.0573
Condor	0.0037	5.23	50.11%	10.43	-0.0301	-0.0057	-0.0203	0.0684	0.0014	-0.0004	0.0133
Conejo	0.4023	[redacted]			-0.0126	-0.0156	-0.0416	0.0495	0.0014	-0.0004	-0.0193
Conestoga	0.0071	10.33	86.37%	11.96	-0.0910	-0.0414	-0.0636	0.0836	0.0024	-0.0007	-0.1107
Congo	0.0000	10.37	86.69%	11.96	-0.0211	-0.0061	-0.0263	0.0434	0.0029	-0.0008	-0.0080
Congress	0.0007	7.63	63.81%	11.96	-0.0147	-0.0155	-0.0185	0.0670	0.0054	-0.0005	0.0232
Conifer	0.0019	14.74	91.10%	16.18	-0.0303	-0.0114	-0.0348	0.1852	0.0038	0.0002	0.1127
Conine	3.9760	7.17	59.95%	11.96	-0.0688	-0.0173	-0.0392	0.0224	0.0035	-0.0006	-0.1000
Conley	0.0008	[redacted]			-0.0059	-0.0159	-0.0242	0.0023	0.0008	-0.0004	-0.0433
Connecticut	1.4343	9.75	81.52%	11.96	-0.0086	-0.0374	-0.0583	0.0272	0.0012	-0.0003	-0.0762
Conners	0.0049	[redacted]			-0.0012	-0.0382	-0.0365	0.0053	0.0077	0.0001	-0.0628
Conning	1.6237	[redacted]			-0.0091	-0.0735	-0.0959	0.0365	0.0017	-0.0001	-0.1404
Consejo	0.0020	[redacted]			-0.0054	-0.0122	-0.0197	0.0352	0.0011	0.0000	-0.0010
Constantine	0.0085	15.10	93.34%	16.18	-0.0276	-0.0028	-0.0294	0.0891	0.0025	-0.0002	0.0316
Conte	0.0010	1.95	37.42%	5.22	-0.0004	-0.0001	-0.0065	0.0200	0.0048	-0.0012	0.0166
Continent	0.0017	[redacted]			-0.0010	-0.0368	-0.0580	0.0116	0.0025	0.0000	-0.0817
Converse	0.0004	1.65	99.89%	1.65	0.0000	0.0000	-0.0049	0.0091	0.0017	-0.0006	0.0053
Convex	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Conveyor	0.0069	11.65	97.43%	11.96	-0.0221	-0.0215	-0.0454	0.0575	0.0024	-0.0004	-0.0295
Conway	0.0000	1.72	24.30%	7.06	0.0000	0.0000	-0.0009	0.0002	0.0021	-0.0008	0.0006
Cony	0.0000	[redacted]			-0.0270	-0.0589	-0.0665	0.0860	0.0080	0.0009	-0.0575
Cooler	0.0026	6.56	54.89%	11.96	-0.0424	-0.0079	-0.0185	0.1111	0.0019	-0.0002	0.0440
Cooley	0.3156	8.40	95.38%	8.80	-0.0135	-0.0122	-0.0329	0.0450	0.0022	-0.0008	-0.0122
Cooper	0.0000	[redacted]			-0.0099	-0.0178	-0.0154	0.0025	0.0020	0.0008	-0.0378
Copper	0.0005	[redacted]			-0.0017	-0.0468	-0.0679	0.0027	0.0023	0.0000	-0.1114
Copperhead	0.0043	8.69	53.72%	16.18	-0.0030	-0.0238	-0.0457	0.0306	0.0008	-0.0017	-0.0428
Copra	0.0000	1.08	40.02%	2.71	-0.0016	-0.0006	-0.0023	0.0147	0.0035	-0.0002	0.0135
Corak	0.2915	5.46	45.66%	11.96	-0.0120	-0.0098	-0.0207	0.0306	0.0019	-0.0012	-0.0112
Coral	0.0000	0.64	22.69%	2.80	0.0000	0.0000	-0.0007	0.0519	0.0066	0.0000	0.0578
Corbina	0.0004	8.83	73.84%	11.96	0.0000	0.0000	-0.0382	0.1412	0.0087	-0.0031	0.1086
Corby	0.0000	9.28	77.58%	11.96	-0.0054	-0.0358	-0.0661	0.0356	0.0016	-0.0005	-0.0706
Cord	0.0000	[redacted]			-0.0002	-0.0013	-0.0018	0.0018	0.0001	0.0000	-0.0014
Cordial	0.0037	9.80	81.99%	11.96	-0.0208	-0.0088	-0.0264	0.0114	0.0060	-0.0005	-0.0391
Cordoba	0.0013	[redacted]			-0.0027	-0.0142	-0.0570	0.0277	0.0007	-0.0003	-0.0458
Cordon	0.0021	10.09	84.40%	11.96	-0.0236	-0.0189	-0.0339	0.0695	0.0032	-0.0006	-0.0043
Cordova	0.0000	1.96	70.02%	2.80	-0.0025	-0.0004	-0.0043	0.0276	0.0015	-0.0002	0.0217
Corinth	0.0001	[redacted]			-0.0227	-0.0224	-0.0584	0.0416	0.0035	-0.0006	-0.0590
Cornish	0.0000	2.51	104.99%	2.39	0.0000	0.0000	-0.0032	0.0227	0.0085	-0.0002	0.0278
Cornnut	0.0027	[redacted]			-0.0096	-0.0525	-0.0627	0.0280	0.0010	-0.0002	-0.0960
Cornwall	0.0044	8.99	75.22%	11.96	-0.0083	-0.0124	-0.0451	0.0844	0.0023	-0.0003	0.0206
Coronado	0.0000	[redacted]			-0.0046	-0.0238	-0.0655	0.0313	0.0017	-0.0011	-0.0620
Coronita	0.0079	10.38	86.82%	11.96	-0.0440	-0.0027	-0.0231	0.1036	0.0050	-0.0002	0.0386
Corporal	0.0048	8.37	70.01%	11.96	-0.0518	-0.0151	-0.0222	0.0157	0.0060	0.0001	-0.0673
Corral	0.0000	1.65	96.74%	1.71	-0.0071	-0.0033	-0.0063	0.0260	0.0010	-0.0002	0.0101
Corrine	0.0003	2.32	79.05%	2.93	-0.0008	-0.0008	-0.0071	0.0449	0.0022	-0.0005	0.0379
Corsair	0.0073	9.62	92.18%	10.43	-0.1307	-0.0064	-0.0307	0.1056	0.0040	-0.0011	-0.0593
Corsica	0.8034	12.51	79.98%	15.65	-0.0224	-0.0525	-0.1315	0.2316	0.0068	-0.0036	0.0284
Corta	0.0177	0.99	92.71%	1.07	-0.0027	-0.0014	-0.0033	0.0051	0.0007	-0.0003	-0.0019
Cortese	0.0007	0.85	8.17%	10.43	-0.0057	-0.0123	-0.0060	0.0229	0.0012	0.0005	0.0006
Corvette	0.0000	7.47	62.51%	11.96	-0.0019	-0.0017	-0.0192	0.0610	0.0060	-0.0016	0.0426
Cory	0.0012	[redacted]			-0.0042	-0.0114	-0.0460	0.0507	0.0019	-0.0009	-0.0099
Costello	0.0018	[redacted]			-0.0010	0.0000	-0.0003	0.0133	0.0024	0.0001	0.0145
Cotton	0.0014	5.78	69.27%	8.35	-0.0018	-0.0025	-0.0098	0.0041	0.0044	0.0000	-0.0056
Cottonmouth	0.0075	15.15	93.65%	16.18	-0.0090	-0.0071	-0.0375	0.0965	0.0023	-0.0027	0.0425
Cougar	0.0000	[redacted]			-0.0042	-0.0355	-0.0483	0.0075	0.0015	0.0000	-0.0790
Counterfeit	2.5301	[redacted]			-0.0058	-0.0571	-0.0789	0.0185	0.0026	0.0006	-0.1201
Country Club	0.0000	[redacted]			-0.0002	-0.0024	-0.0021	0.0029	0.0002	-0.0002	-0.0018
Countrywood	0.7703	[redacted]			-0.0142	-0.0488	-0.0826	0.0526	0.0016	-0.0010	-0.0924
County	0.0008	[redacted]			-0.0002	-0.0089	-0.0148	0.0029	0.0182	0.0000	-0.0028
Coupler	0.0000	9.73	81.34%	11.96	-0.0145	-0.0032	-0.0205	0.0862	0.0022	-0.0002	0.0500
Course	0.0043	[redacted]			-0.0143	-0.0269	-0.0358	0.0386	0.0017	-0.0021	-0.0388
Courson	0.0046	10.96	91.62%	11.96	-0.0313	-0.0031	-0.0253	0.0367	0.0018	-0.0002	-0.0214
Court	0.0000	1.42	50.67%	2.80	-0.0009	-0.0049	-0.0102	0.0228	0.0011	-0.0004	0.0075
Courtland	0.0029	[redacted]			-0.0036	-0.0360	-0.0473	0.0853	0.0032	0.0001	0.0017
Cove	0.0584	[redacted]			-0.0173	-0.0040	-0.0099	0.0254	0.0005	-0.0002	-0.0055
Coventry	0.0001	12.71	78.59%	16.18	-0.0276	-0.0435	-0.0982	0.2266	0.0016	-0.0052	0.0537
Coveview	0.0034	5.55	34.31%	16.18	0.0000	0.0000	-0.0159	0.2033	0.0175	-0.0030	0.2019
Cowcatcher	0.0051	10.27	85.91%	11.96	-0.0193	-0.0303	-0.0547	0.0503	0.0023	-0.0013	-0.0530

Facility	2025													
	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Claymine	0.0000	0.75	49.81%	1.50	-0.0010	0.0000	-0.0003	0.0010	0.0083	0.0000	0.0080	0.0000	0.75	50.03%
Clayton	0.1444	10.54	65.14%	16.18	-0.0243	-0.0662	-0.1082	0.1572	0.0047	-0.0036	-0.0404	0.1594	10.54	65.16%
Cleat	0.4459	4.63	38.76%	11.96	-0.0226	-0.0159	-0.0267	0.0473	0.0030	-0.0015	-0.0164	0.4661	4.65	38.91%
Clemont	0.0015	2.14	73.18%	2.93	0.0000	0.0000	-0.0071	0.0183	0.0036	-0.0008	0.0140	0.0026	2.15	73.40%
Clemson	0.0065	[redacted]			-0.0154	-0.0108	-0.0656	0.1053	0.0062	-0.0050	0.0147	0.0113	[redacted]	
Cleo	0.0015	2.13	89.05%	2.39	0.0000	0.0000	-0.0055	0.1349	0.0156	-0.0019	0.1431	0.0026	2.17	91.04%
Clerk	0.0081	[redacted]			-0.0301	-0.0364	-0.1235	0.1764	0.0061	-0.0015	-0.0090	0.0114	[redacted]	
Cleveland	0.0028	9.99	83.56%	11.96	-0.0858	-0.0133	-0.0470	0.3482	0.0050	-0.0001	0.2070	0.0047	10.07	84.19%
Clifford	0.0001	[redacted]			-0.0092	-0.0203	-0.0568	0.0462	0.0042	-0.0009	-0.0368	0.0002	[redacted]	
Clifton	0.0001	1.88	64.29%	2.93	-0.0099	-0.0014	-0.0091	0.0912	0.0045	0.0002	0.0755	0.0001	1.91	65.08%
Cline	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Clinic	0.0055	[redacted]			-0.0056	-0.0362	-0.0782	0.0241	0.0023	-0.0019	-0.0955	0.0097	[redacted]	
Clinton	0.0000	13.22	40.13%	32.93	-0.1770	0.0000	-0.0868	0.0432	0.0113	-0.0012	-0.2105	0.0000	13.15	39.94%
Clipper	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Cloer	0.0014	7.01	67.21%	10.43	-0.0006	-0.0005	-0.0133	0.0278	0.0035	-0.0006	0.0163	0.0019	7.02	67.31%
Clove	0.0000	7.54	63.03%	11.96	-0.1069	-0.0076	-0.0282	0.1156	0.0056	-0.0004	-0.0219	0.0000	7.51	62.78%
Clover	0.0000	11.06	92.47%	11.96	-0.0859	-0.0342	-0.0593	0.1037	0.0082	-0.0006	-0.0681	0.0000	11.04	92.30%
Cloverfield	0.0000	[redacted]			-0.0086	-0.0093	-0.0152	0.0855	0.0029	0.0005	0.0558	0.0000	[redacted]	
Cloverly	0.1120	2.79	95.28%	2.93	-0.0020	-0.0030	-0.0102	0.0345	0.0026	-0.0008	0.0211	0.1227	2.81	96.06%
Clubhouse	0.0068	[redacted]			-0.0200	-0.1121	-0.1665	0.0201	0.0018	-0.0004	-0.2771	0.0081	[redacted]	
Clutch	0.0000	8.72	72.89%	11.96	-0.0537	-0.0200	-0.0382	0.0407	0.0060	0.0000	-0.0652	0.0105	8.70	72.79%
Clydesdale	1.6347	[redacted]			-0.0863	-0.0277	-0.0737	0.0980	0.0047	-0.0002	-0.0852	1.7506	[redacted]	
Coach	0.0048	9.49	79.38%	11.96	-0.0396	-0.0106	-0.0455	0.2000	0.0055	-0.0003	0.1095	0.0061	9.51	79.55%
Coachella	1.3450	[redacted]			-0.3422	-0.1034	-0.1270	0.0386	0.0099	-0.0002	-0.5243	1.4014	[redacted]	
Coal	0.0004	10.31	86.19%	11.96	-0.0515	-0.0153	-0.0466	0.1780	0.0058	-0.0012	0.0692	0.0019	10.33	86.39%
Coalinga	0.0000	[redacted]			-0.0732	-0.0239	-0.0493	0.0388	0.0030	-0.0004	-0.1050	0.0000	[redacted]	
Coastal	0.0007	8.79	73.49%	11.96	-0.0413	-0.0303	-0.0819	0.2301	0.0055	-0.0006	0.0815	0.0022	8.83	73.87%
Cobalt	0.3494	9.50	79.47%	11.96	-0.0499	-0.0225	-0.0845	0.1946	0.0081	-0.0031	0.0427	0.3502	9.51	79.54%
Cobra	0.0044	7.06	43.64%	16.18	-0.0036	-0.0157	-0.0331	0.0360	0.0016	-0.0019	-0.0167	0.0074	7.06	43.63%
Cocamo	0.0000	6.21	51.94%	11.96	-0.0247	-0.0132	-0.0283	0.0772	0.0027	-0.0010	0.0127	0.0000	6.22	52.00%
Cochise	0.2529	6.47	54.07%	11.96	-0.0375	-0.0079	-0.0406	0.0457	0.0036	-0.0006	-0.0373	0.2676	6.47	54.11%
Coco	0.0008	6.96	58.19%	11.96	-0.0152	-0.0940	-0.0676	0.0327	0.0026	-0.0016	-0.1431	0.0010	6.91	57.77%
Code	0.0000	1.65	77.22%	2.14	-0.0037	-0.0012	-0.0080	0.0460	0.0036	-0.0003	0.0364	0.0000	1.67	78.09%
Codona	0.0015	2.13	89.21%	2.39	-0.0099	-0.0009	-0.0067	0.0620	0.0037	0.0000	0.0482	0.0025	2.15	89.95%
Cody	0.0030	[redacted]			-0.0104	-0.0257	-0.0458	0.0235	0.0044	-0.0003	-0.0543	0.0037	[redacted]	
Cognac	0.0014	6.56	54.89%	11.96	-0.0571	-0.0049	-0.0231	0.1261	0.0039	0.0000	0.0449	0.0023	6.58	55.03%
Cogswell	0.0004	2.33	97.47%	2.39	-0.0052	-0.0014	-0.0108	0.0307	0.0027	-0.0005	0.0155	0.0005	2.33	97.76%
Cojo	0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0259	0.0038	0.0000	0.0294	0.0000	[redacted]	
Cola	0.0000	2.60	88.77%	2.93	-0.0076	-0.0012	-0.0102	0.0200	0.0026	0.0000	0.0036	0.0000	2.60	88.82%
Colburn	0.0011	2.88	98.44%	2.93	0.0000	0.0000	-0.0027	0.0271	0.0088	0.0000	0.0332	0.0021	2.90	98.90%
Coldbrook	0.0000	0.81	53.08%	1.53	-0.0060	-0.0003	-0.0028	0.0105	0.0027	0.0000	0.0041	0.0000	0.81	53.21%
Coldwater	0.0006	2.53	90.41%	2.80	-0.0063	-0.0005	-0.0086	0.0198	0.0021	-0.0003	0.0062	0.0011	2.53	90.48%
Cole	0.0000	2.25	94.28%	2.39	-0.0086	-0.0055	-0.0067	0.0257	0.0025	-0.0009	0.0065	0.0000	2.25	94.38%
Colfax	0.0000	9.19	76.85%	11.96	-0.0275	-0.0305	-0.0477	0.0758	0.0046	-0.0030	-0.0283	0.0000	9.18	76.77%
Colgate	0.0000	[redacted]			-0.0297	-0.0137	-0.0394	0.0469	0.0044	-0.0004	-0.0319	0.0000	[redacted]	
Coliseum	0.0002	[redacted]			-0.0180	-0.0094	-0.0289	0.1691	0.0086	-0.0010	0.1204	0.0007	[redacted]	
Colleen	0.0000	9.13	76.32%	11.96	-0.0278	-0.0519	-0.0822	0.0642	0.0037	-0.0033	-0.0973	0.0000	9.10	76.12%
College Park	0.0014	1.96	82.21%	2.39	-0.0040	-0.0010	-0.0060	0.0264	0.0028	-0.0007	0.0175	0.0022	1.97	82.57%
Collie	0.0000	9.07	75.84%	11.96	-0.0460	-0.0180	-0.0448	0.0911	0.0044	-0.0005	-0.0138	0.0000	9.06	75.76%
Collier	1.2242	9.63	80.55%	11.96	-0.0870	-0.0263	-0.0716	0.1761	0.0068	-0.0011	-0.0031	1.4516	9.86	82.44%
Collins	0.0034	12.94	80.01%	16.18	-0.0468	-0.0487	-0.0929	0.1153	0.0043	-0.0017	-0.0705	0.0034	12.92	79.88%
Color	0.0000	0.87	40.63%	2.14	0.0000	0.0000	-0.0027	0.0046	0.0034	-0.0009	0.0044	0.0000	0.87	40.73%
Colt	0.9989	[redacted]			-0.0832	-0.0390	-0.0694	0.0763	0.0050	-0.0006	-0.1109	1.0742	[redacted]	
Columbia	0.0000	2.62	96.87%	2.71	-0.0097	-0.0162	-0.0191	0.0172	0.0023	-0.0016	-0.0271	0.0000	2.61	96.50%
Colyer	4.5853	9.77	72.21%	13.53	-0.0515	-0.0973	-0.1241	0.0982	0.0118	-0.0015	-0.1644	4.5861	9.71	71.80%
Comanche	0.0000	10.10	84.43%	11.96	0.0000	0.0000	-0.0427	0.1909	0.0092	-0.0024	0.1550	0.0000	10.12	84.67%
Combat	1.0664	10.78	90.18%	11.96	-0.0508	-0.0255	-0.0462	0.0607	0.0049	-0.0058	-0.0627	1.1088	10.82	90.46%
Comet	0.0060	8.66	72.44%	11.96	0.0000	0.0000	-0.0171	0.0600	0.0102	-0.0024	0.0507	0.0102	8.68	72.56%
Commercial	0.0000	2.79	95.18%	2.93	-0.0103	-0.0023	-0.0082	0.0285	0.0023	-0.0003	0.0097	0.0000	2.79	95.41%
Commonwealth	0.0023	2.41	82.28%	2.93	-0.0044	-0.0166	-0.0205	0.0414	0.0028	-0.0003	0.0024	0.0040	2.41	82.36%
Como	0.0000	1.79	61.16%	2.93	-0.0129	-0.0026	-0.0084	0.1396	0.0034	-0.0004	0.1187	0.0057	1.83	62.50%
Complex	0.0000	7.05	58.93%	11.96	-0.0234	-0.0343	-0.0484	0.0548	0.0030	-0.0009	-0.0492	0.0000	7.03	58.78%
Computer	0.3138	[redacted]			-0.0018	-0.0473	-0.0662	0.0198	0.0017	0.0000	-0.0938	0.3651	[redacted]	
Conant	0.0004	9.63	82.07%	11.74	-0.0317	-0.0642	-0.0842	0.1194	0.0099	-0.0007	-0.0515	0.0005	9.62	81.93%
Concepcion	0.0000	0.95	10.13%	9.41	-0.0025	-0.0008	-0.0033	0.2040	0.0040	0.0056	0.2070	0.0000	1.04	11.04%
Concord	0.0026	2.91	99.33%	2.93	-0.0035	-0.0006	-0.0072	0.0473	0.0032	-0.0020	0.0372	0.0072	2.93	99.91%
Concourse	0.0051	[redacted]			-0.0271	-0.0779	-0.1466	0.1226	0.0048	-0.0062	-0.1304	0.0799	[redacted]	
Concrete	0.0014	4.85	40.52%	11.96	-0.0069	-0.0373	-0.0541	0.0146	0.0025	-0.0006	-0.0818	0.0016	4.82	40.30%
Condor	0.0056	5.25	50.34%	10.43	-0.0406	-0.0077	-0.0303	0.1103	0.0031	-0.0006	0.0342	0.0104	5.28	50.59%
Conejo	0.4033	[redacted]			-0.0168	-0.0210	-0.0594	0.0797	0.0029	-0.0006	-0.0152	0.4033	[redacted]	
Conestoga	0.0104	10.28	85.98%	11.96	-0.1341	-0.0616	-0.0929	0.1283	0.0048	-0.0010	-0.1565	11.6965	10.27	85.87%
Congo	0.0000	10.36	86.66%	11.96	-0.0311	-0.0092	-0.0400	0.0643	0.0057	-0.0012	-0.0115	0.0000	10.36	86.62%
Congress	0.0010	7.65	63.99%	11.96	-0.0202	-0.0212	-0.0280	0.1031	0.0100	-0.0008	0.0429	0.0013	7.66	64.05%
Conifer	0.0021	14.80	91.51%	16.18	-0.0443	-0.0172	-0.0526	0.2815	0.0058	0.0002	0.1734	0.0021	14.88	92.01%
Conine	8.9760	7.64	63.86%	11.96	-0.0915	-0.0238	-0.0566	0.0360	0.0066	-0.0009	-0.1302	16.9760	5.65	47.26%
Conley	0.0016	[redacted]			-0.0089	-0.0236	-0.0355	0.0035	0.0016	-0.0006	-0.0635	0.0031	[redacted]	
Connecticut	1.4350	9.32	77.96%	11.96	-0.0129	-0.0561	-0.0813	0.0409	0.0024	-0.0004	-0.1074	1.4358	9.29	77.66%
Conners	0.0071	[redacted]			-0.0018	-0.0567	-0.0532	0.0081	0.0126	0.0002	-0.0908	0.0122	[redacted]	
Conning	2.2034	[redacted]			-0.0134	-0.1091	-0.1393	0.0740	0.0038	-0.0001	-0.1841	2.5723	[redacted]	
Consejo	0.0031	[redacted]			-0.0082	-0.0181	-0.0279	0.0528	0.0018	0.0000	0.0004	0.0062	[redacted]	
Constantine	0.0120	15.12	93.49%	16.18	-0.0400	-0.0042	-0.0435	0.1342	0.0043	-0.0003	0.0505	0.0203	15.15	93.66%
Conte	0.0015	1.96	37.59%	5.22	-0.0006	-0.0002	-0.0098	0.0305	0.0071	-0.0021	0.0249	0.0026	1.97	37.77%
Continent	0.0017	[redacted]			-0.0015	-0.0546	-0.0824	0.0177	0.0050	0.0000	-0.1158	0.0017	[redacted]	
Converse	0.0006	1.47	89.45%	1.65	0.0000	0.0000	-0.0072	0.0136	0.0029	-0.0009	0.0084	0.0008	1.48	89.69%
Convex	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Conveyor	0.0099	11.65	97.43%	11.96	-0.0320	-0.0312	-0.0664	0.0929	0.0044	-0.0006	-0.0329	0.0170	11.64	97.39%
Conway	0.0000	1.72	24.32%	7.06	0.0000	0.0000	-0.0012	0.0003	0.0039	-0.0009	0.0021	0.0000	1.72	24.34%
Cony	0.0000	[redacted]			-0.0404	-0.0882	-0.1012	0.1316	0.0118	0.0015	-0.0849	0.0000	[redacted]	
Cooler	0.0036	6.59	55.10%	11.96	-0.0636	-0.0119	-0.0279	0.1662	0.0038	-0.0003	0.0663	0.0458	6.66	55.66%
Cooley	0.3167	8.39	95.33%	8.80	-0.0200	-0.0183	-0.0487	0.0667	0.0043	-0.0012	-0.0172	0.3190	8.39	95.28%
Cooper	0.0000	[redacted]			-0.0133	-0.0237	-0.0224	0.0037	0.0035	0.0011	-0.0511	0.0000	[redacted]	
Copper	0.0005	[redacted]			-0.0026	-0.0693	-0.0886	0.0041	0.0038	0.0000	-0.1526	0.0005	[redacted]	
Copperhead	0.0059	8.67	53.61%	16.18	-0.0045	-0.0357	-0.0660	0.0464	0.0017	-0.0026	-0.0607	0.0079	8.65	53.50%
Copra	0.0000	1.10	40.52%	2.71	-0.0016	-0.0006	-0.0029	0.0256	0.0063	-0.0002	0.0266	0.0000	1.11	40.98%
Corak	0.2917	5.46	45.66%	11.96	-0.0167	-0.0137	-0.0305	0.0480	0.0035	-0.0019	-0.0113	0.2919	5.46	45.65%
Coral	0.0000	0.67	23.89%	2.80	0.0000	0.0000	-0.0010	0.0803	0.0101	0.0000	0.0894	0.0000	0.70	25.03%
Corbina	0.0005	8.89	74.38%	11.96	0.0000	0.0000	-0.0539	0.2117	0.0149	-0.0046	0.1681	0.0006	8.94	74.74%
Corby	0.0000	9.25	77.34%	11.96	-0.0080	-0.0533	-0.0930	0.0544	0.0030	-0.0007	-0.0976	0.0000	9.22	77.09%
Cord	0.0000	[redacted]			-0.0003	-0.0020	-0.0025	0.0027	0.0002	0.0000	-0.0019	0.0000	[redacted]	
Cordial	0.0053	9.79	81.87%	11.96	-0.0308	-0.0132	-0.0373	0.0172	0.0110	-0.0007	-0.0538	0.0091	9.78	81.78%
Cordoba	0.0016	[redacted]			-0.0046	-0.0244	-0.0812	0.0402	0.0012	-0.0004	-0.0692	0.0019	[redacted]	
Cordon	0.0024	10.10	84.43%	11.96	-0.0346	-0.0282	-0.0514	0.1084	0.0061	-0.0009	-0.0006	0.0033	10.10	84.49%
Cordova	0.0000	1.97	70.44%	2.80	-0.0037	-0.0006	-0.0065	0.0409	0.0029	-0.0003	0.0327	0.0000	1.98	70.84%
Corinth	0.0001	[redacted]			-0.0331	-0.0335	-0.0830	0.0616	0.0062	-0.0009	-0.0827	0.1977	[redacted]	
Cornish	0.0000	2.52	86.14%	2.93	0.0000	0.0000	-0.0047	0.0364	0.0123	-0.0002	0.0438	0.0000	2.54	86.64%
Cornnut	0.0047	[redacted]			-0.0133	-0.0712	-0.0903	0.0496	0.0016	-0.0004	-0.1240	0.0359	[redacted]	
Cornwall	0.0061	9.01	75.35%	11.96	-0.0123	-0.0184	-0.0652	0.1259	0.0043	-0.0004	0.0339	0.0082	9.02	75.46%
Coronado	0.0000	[redacted]			-0.0071	-0.0355	-0.0930	0.0465	0.0032	-0.0017	-0.0876	0.0000	[redacted]	
Coronita	0.0114	10.41	87.04%	11.96	-0.0641	-0.0041	-0.0357	0.1524	0.0101	-0.0003	0.0583	0.0189	10.42	87.11%
Corporal	0.0069	8.34	69.74%	11.96	-0.0746	-0.0225	-0.0353	0.0244	0.0090	0.0002	-0.0988	0.1343	8.45	70.67%
Corral	0.0000	1.66	97.10%	1.71	-0.0107	-0.0050	-0.0093	0.0390	0.0021	-0.0003	0.0158	0.0000	1.67	97.98%
Corrine	0.0004	2.34	79.72%	2.93	-0.0012	-0.0012	-0.0098	0.0647	0.0044	-0.0008	0.0561	0.0005	2.35	80.33%
Corsair	0.0106	9.59	91.95%	10.43	-0.1919	-0.0096	-0.0453	0.1568	0.0069	-0.0016	-0.0847	0.0151	9.61	92.06%
Corsica	0.8058	12.61	80.58%	15.65	-0.0224	-0.0525	-0.1614	0.3359	0.0265	-0.0091	0.1170	0.8118	12.70	81.16%
Corta	0.0196	0.99	92.83%	1.07	-0.0040	-0.0021	-0.0047	0.0076	0.0011	-0.0005	-0.0026	0.0196	0.99	92.75%
Cortese	0.0010	0.86	8.22%	10.43	-0.0081	-0.0173	-0.0094	0.0371	0.0023	0.0002	0.0048	0.0011	0.86	8.26%
Corvette	0.0000	7.50	62.71%	11.96	-0.0020	-0.0017	-0.0296	0.0905	0.0100	-0.0024	0.0648	0.0000	7.52	62.89%
Cory	0.0016	[redacted]			-0.0064	-0.0170	-0.0663	0.0753	0.0039	-0.0013	-0.0118	0.0021	[redacted]	
Costello	0.0027	[redacted]			-0.0010	0.0000	-0.0004	0.0275	0.0026	0.0001	0.0288	0.0049	[redacted]	
Cotton	0.0019	5.78	69.26%	8.35	-0.0019	-0.0027	-0.0140	0.0059	0.0065	0.0000	-0.0062	0.0178	5.80	69.46%
Cottonmouth	0.0099	15.18	93.85%	16.18	-0.0117	-0.0094	-0.0560	0.1469	0.0048	-0.0045	0.0701	0.0121	15.21	94.03%
Cougar	0.0000	[redacted]			-0.0064	-0.0526	-0.0688	0.0114	0.0025	0.0000	-0.1139	0.0000	[redacted]	
Counterfeit	3.6262	[redacted]			-0.0093	-0.0887	-0.1148	0.0268	0.0038	0.0007	-0.1815	4.3449	[redacted]	
Country Club	0.0000	[redacted]			-0.0003	-0.0037	-0.0029	0.0043	0.0003	-0.0003	-0.0026	0.0000	[redacted]	
Countrywood	0.7711	[redacted]			-0.0213	-0.0730	-0.1192	0.0774	0.0030	-0.0015	-0.1346	0.7716	[redacted]	
County	0.0008	[redacted]			-0.0002	-0.0099	-0.0198	0.0043	0.0352	0.0000	0.0096	0.0008	[redacted]	
Coupler	0.0006	9.75	81.57%	11.96	-0.0215	-0.0048	-0.0315	0.1280	0.0045	-0.0003	0.0744	0.0018	9.78	81.78%
Course	0.0060	[redacted]			-0.0214	-0.0403	-0.0517	0.0581	0.0031	-0.0023	-0.0545	0.0101	[redacted]	
Courson	0.0073	10.94	91.51%	11.96	-0.0502	-0.0049	-0.0375	0.0529	0.0033	-0.0003	-0.0367	0.1114	11.04	92.30%
Court	0.0000	1.42	50.84%	2.80	-0.0014	-0.0074	-0.0146	0.0338	0.0020	-0.0006	0.0118	0.0000	1.43	51.03%
Courtland	0.0036	[redacted]			-0.0053	-0.0536	-0.0657	0.1302	0.0053	0.0001	0.0110	0.0039	[redacted]	
Cove	0.0584	[redacted]			-0.0200	-0.0047	-0.0147	0.0396	0.0014	-0.0009	0.0007	0.0584	[redacted]	
Coventry	0.0005	12.77	78.95%	16.18	-0.0390	-0.0615	-0.1398	0.3496	0.0034	-0.0074	0.1053	0.0011	12.82	79.23%
Coveview	0.0049	5.66	35.00%	16.18	0.0000	0.0000	-0.0237	0.3052	0.0309	-0.0040	0.3084	0.0084	6.47	39.97%
Cowcatcher	0.0069	10.25	85.71%	11.96	-0.0291	-0.0455	-0.0805	0.0756	0.0043	-0.0019	-0.0771	0.0086	10.22	85.50%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
1.50	-0.0013	0.0000	-0.0004	0.0014	0.0117	0.0000	0.0114	0.0000	0.75	50.26%	1.50	-0.0016	0.0000	-0.0005	0.0018	0.0151	0.0000	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0331	-0.0893	-0.1423	0.2090	0.0086	-0.0047	-0.0518	0.1791	10.55	65.23%	16.18	-0.0429	-0.1135	-0.1732	0.2622	0.0125	-0.0058	-0.0607	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0300	-0.0215	-0.0346	0.0629	0.0053	-0.0019	-0.0198	0.4661	4.65	38.92%	11.96	-0.0348	-0.0254	-0.0425	0.0785	0.0083	-0.0025	-0.0184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0094	0.0239	0.0057	-0.0010	0.0192	0.0055	2.16	73.68%	2.93	0.0000	0.0000	-0.0115	0.0291	0.0081	-0.0012	0.0245	0.10	0.10	0.10	0.10	0.10	5.56%	5.56%	5.56%	5.56%	5.56%
[redacted]	-0.0206	-0.0145	-0.0834	0.1371	0.0092	-0.0066	0.0212	0.0231	[redacted]			-0.0260	-0.0184	-0.0996	0.1650	0.0147	-0.0084	0.0273	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	0.0000	0.0000	-0.0072	0.1760	0.0207	-0.0027	0.1868	0.0049	1.96	82.22%	2.39	0.0000	0.0000	-0.0084	0.2391	0.0242	-0.0028	0.2521	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0492	-0.0566	-0.1624	0.2660	0.0105	-0.0019	0.0064	0.0179	[redacted]			-0.0718	-0.0779	-0.1987	0.3550	0.0148	-0.0023	0.0191	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1151	-0.0179	-0.0611	0.4603	0.0084	-0.0001	0.2745	0.0092	10.14	84.80%	11.96	-0.1454	-0.0227	-0.0747	0.5664	0.0125	-0.0001	0.3360	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0127	-0.0274	-0.0720	0.0603	0.0074	-0.0012	-0.0456	0.0004	[redacted]			-0.0166	-0.0348	-0.0870	0.0731	0.0111	-0.0015	-0.0557	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0134	-0.0019	-0.0123	0.1185	0.0061	0.0003	0.0973	0.0001	1.93	65.87%	2.93	-0.0170	-0.0024	-0.0154	0.1455	0.0081	0.0004	0.1192	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0073	-0.0488	-0.1023	0.0311	0.0038	-0.0028	-0.1263	0.0201	[redacted]			-0.0089	-0.0620	-0.1263	0.0374	0.0057	-0.0037	-0.1578	0.00	0.00	0.00	0.00	0.00	[redacted]				
32.93	-0.2298	0.0000	-0.1132	0.0595	0.0168	-0.0015	-0.2682	0.0000	13.07	39.70%	32.93	-0.2944	0.0000	-0.1389	0.0735	0.0232	-0.0035	-0.3401	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0008	-0.0007	-0.0171	0.0412	0.0047	-0.0009	0.0264	0.0036	7.04	67.43%	10.43	-0.0010	-0.0009	-0.0206	0.0545	0.0060	-0.0012	0.0368	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1560	-0.0110	-0.0361	0.1460	0.0088	-0.0005	-0.0488	0.0000	7.50	62.71%	11.96	-0.1898	-0.0133	-0.0439	0.1784	0.0134	-0.0008	-0.0560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1151	-0.0459	-0.0783	0.1378	0.0149	-0.0006	-0.0872	0.0000	11.01	92.11%	11.96	-0.1451	-0.0581	-0.0958	0.1716	0.0205	-0.0005	-0.1074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0103	-0.0112	-0.0200	0.1229	0.0045	0.0003	0.0862	0.0000	[redacted]			-0.0132	-0.0146	-0.0249	0.1508	0.0067	0.0005	0.1053	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0022	-0.0033	-0.0135	0.0467	0.0048	-0.0013	0.0312	0.1235	2.82	96.42%	2.93	-0.0024	-0.0037	-0.0166	0.0575	0.0071	-0.0018	0.0401	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0254	-0.1473	-0.2133	0.0285	0.0027	-0.0006	-0.3554	0.0113	[redacted]			-0.0311	-0.1906	-0.2592	0.0357	0.0039	-0.0007	-0.4420	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0722	-0.0270	-0.0508	0.0537	0.0096	0.0000	-0.0867	0.0559	8.73	73.03%	11.96	-0.0926	-0.0343	-0.0609	0.0664	0.0150	0.0000	-0.1064	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1080	-0.0358	-0.0952	0.1286	0.0081	-0.0003	-0.1026	1.7620	[redacted]			-0.1286	-0.0444	-0.1165	0.1562	0.0126	-0.0004	-0.1211	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0593	-0.0161	-0.0594	0.2528	0.0091	-0.0005	0.1266	0.0085	9.53	79.73%	11.96	-0.0786	-0.0219	-0.0730	0.3055	0.0135	-0.0007	0.1448	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.4522	-0.1424	-0.1619	0.0542	0.0156	-0.0003	-0.6870	1.5351	[redacted]			-0.5583	-0.1861	-0.1960	0.0698	0.0233	-0.0005	-0.8478	7.40	9.20	9.00	8.80	8.80	[redacted]				
11.96	-0.0693	-0.0207	-0.0603	0.2312	0.0100	-0.0016	0.0893	0.0073	10.35	86.58%	11.96	-0.0882	-0.0263	-0.0736	0.2795	0.0151	-0.0020	0.1045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1005	-0.0322	-0.0638	0.0591	0.0053	-0.0005	-0.1326	0.0000	[redacted]			-0.1320	-0.0410	-0.0780	0.0794	0.0082	-0.0006	-0.1640	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0518	-0.0382	-0.1066	0.3098	0.0103	-0.0010	0.1225	0.0077	8.88	74.27%	11.96	-0.0625	-0.0465	-0.1269	0.3824	0.0171	-0.0014	0.1622	0.20	0.48	0.63	0.57	0.63	2.35%	5.81%	7.73%	6.90%	7.63%
11.96	-0.0732	-0.0322	-0.1118	0.2557	0.0144	-0.0034	0.0495	0.3530	9.51	79.57%	11.96	-0.0992	-0.0424	-0.1369	0.3121	0.0207	-0.0037	0.0506	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0047	-0.0212	-0.0428	0.0470	0.0028	-0.0025	-0.0214	0.0147	7.06	43.65%	16.18	-0.0057	-0.0269	-0.0523	0.0574	0.0043	-0.0032	-0.0264	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0328	-0.0178	-0.0373	0.1034	0.0051	-0.0013	0.0193	0.0000	6.22	52.05%	11.96	-0.0408	-0.0227	-0.0457	0.1284	0.0075	-0.0016	0.0251	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0503	-0.0106	-0.0520	0.0595	0.0060	-0.0008	-0.0482	0.2758	6.46	54.07%	11.96	-0.0641	-0.0135	-0.0632	0.0720	0.0089	-0.0010	-0.0609	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0203	-0.1270	-0.0881	0.0434	0.0041	-0.0022	-0.1901	0.0013	6.86	57.36%	11.96	-0.0251	-0.1614	-0.1069	0.0540	0.0054	-0.0027	-0.2367	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	-0.0037	-0.0012	-0.0092	0.0588	0.0098	-0.0006	0.0539	0.0000	1.69	78.95%	2.14	-0.0037	-0.0012	-0.0103	0.0713	0.0161	-0.0008	0.0714	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0132	-0.0013	-0.0088	0.0810	0.0059	0.0000	0.0636	0.0051	2.17	90.76%	2.39	-0.0165	-0.0017	-0.0108	0.0989	0.0090	0.0000	0.0789	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0146	-0.0351	-0.0594	0.0303	0.0076	-0.0004	-0.0716	0.0050	[redacted]			-0.0195	-0.0451	-0.0717	0.0369	0.0105	-0.0005	-0.0894	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0779	-0.0066	-0.0301	0.1671	0.0066	0.0000	0.0591	0.0044	6.59	55.14%	11.96	-0.1008	-0.0084	-0.0368	0.2059	0.0099	0.0000	0.0698	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0062	-0.0016	-0.0143	0.0403	0.0046	-0.0010	0.0218	0.0007	2.34	98.01%	2.39	-0.0074	-0.0019	-0.0175	0.0489	0.0066	-0.0016	0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0004	0.0344	0.0052	0.0000	0.0392	0.0000	[redacted]			0.0000	0.0000	-0.0005	0.0426	0.0067	0.0000	0.0488	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0104	-0.0016	-0.0133	0.0258	0.0044	0.0000	0.0049	0.0000	2.60	88.78%	2.93	-0.0153	-0.0023	-0.0159	0.0304	0.0071	0.0000	0.0040	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0036	0.0351	0.0129	0.0000	0.0444	0.0049	2.91	99.45%	2.93	0.0000	0.0000	-0.0044	0.0440	0.0167	0.0000	0.0563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.53	-0.0084	-0.0004	-0.0037	0.0139	0.0047	0.0000	0.0061	0.0000	0.81	53.29%	1.53	-0.0113	-0.0005	-0.0046	0.0172	0.0065	0.0000	0.0073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0091	-0.0007	-0.0114	0.0251	0.0039	-0.0003	0.0075	0.0022	2.54	90.56%	2.80	-0.0123	-0.0009	-0.0140	0.0303	0.0055	-0.0003	0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0119	-0.0074	-0.0089	0.0336	0.0044	-0.0012	0.0086	0.0000	2.26	94.45%	2.39	-0.0157	-0.0093	-0.0110	0.0410	0.0067	-0.0015	0.0102	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0365	-0.0412	-0.0623	0.0991	0.0081	-0.0039	-0.0367	0.0002	9.17	76.70%	11.96	-0.0450	-0.0522	-0.0765	0.1210	0.0124	-0.0049	-0.0452	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0392	-0.0185	-0.0511	0.0612	0.0072	-0.0005	-0.0409	0.0000	[redacted]			-0.0458	-0.0218	-0.0624	0.0765	0.0112	-0.0008	-0.0431	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0267	-0.0140	-0.0370	0.2124	0.0128	-0.0009	0.1466	0.0024	[redacted]			-0.0360	-0.0190	-0.0448	0.2551	0.0176	-0.0008	0.1721	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0346	-0.0649	-0.1067	0.0862	0.0061	-0.0045	-0.1184	0.0000	9.08	75.91%	11.96	-0.0419	-0.0785	-0.1309	0.1061	0.0093	-0.0057	-0.1416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0048	-0.0012	-0.0077	0.0342	0.0049	-0.0010	0.0244	0.0048	1.98	83.00%	2.39	-0.0056	-0.0014	-0.0093	0.0411	0.0075	-0.0013	0.0310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0637	-0.0251	-0.0581	0.1175	0.0070	-0.0006	-0.0230	0.0000	9.05	75.66%	11.96	-0.0826	-0.0325	-0.0708	0.1423	0.0104	-0.0007	-0.0339	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1277	-0.0402	-0.0926	0.2270	0.0106	-0.0014	-0.0243	2.1918	10.63	88.87%	11.96	-0.1765	-0.0583	-0.1124	0.2706	0.0156	-0.0015	-0.0625	0.41	0.70	0.78	1.00	1.76	3.43%	5.85%	6.52%	8.36%	14.72%
16.18	-0.0627	-0.0649	-0.1216	0.1545	0.0075	-0.0023	-0.0895	0.0034	12.90	79.75%	16.18	-0.0792	-0.0820	-0.1476	0.1916	0.0107	-0.0029	-0.1094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	0.0000	0.0000	-0.0035	0.0060	0.0052	-0.0013	0.0064	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0064	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1035	-0.0505	-0.0887	0.1001	0.0086	-0.0009	-0.1349	1.0845	[redacted]			-0.1228	-0.0626	-0.1071	0.1215	0.0132	-0.0012	-0.1590	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0136	-0.0218	-0.0253	0.0225	0.0041	-0.0021	-0.0362	0.0000	2.60	96.10%	2.71	-0.0183	-0.0276	-0.0311	0.0275	0.0059	-0.0026	-0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.53	-0.0722	-0.1322	-0.1626	0.1286	0.0204	-0.0016	-0.2196	4.5876	9.65	71.36%	13.53	-0.0970	-0.1697	-0.1985	0.1608	0.0275	-0.0016	-0.2785	4.30	4.20	6.60	6.50	6.50	31.85%	31.11%	48.89%	48.15%	48.15%
11.96	-0.0124	-0.0048	-0.0631	0.2495	0.0146	-0.0025	0.1813	0.0000	10.15	84.86%	11.96	-0.0253	-0.0098	-0.0821	0.3024	0.0200	-0.0026	0.2026	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0657	-0.0344	-0.0610	0.0862	0.0087	-0.0075	-0.0737	1.1088	10.81	90.37%	11.96	-0.0794	-0.0438	-0.0754	0.1111	0.0134	-0.0093	-0.0834	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0047	-0.0010	-0.0243	0.0806	0.0129	-0.0042	0.0593	0.0209	8.69	72.71%	11.96	-0.0100	-0.0021	-0.0314	0.0988	0.0165	-0.0064	0.0654	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0129	-0.0028	-0.0107	0.0388	0.0040	-0.0005	0.0159	0.0000	2.80	95.62%	2.93	-0.0160	-0.0033	-0.0131	0.0481	0.0062	-0.0007	0.0212	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0059	-0.0224	-0.0269	0.0543	0.0041	-0.0004	0.0028	0.0082	2.42	82.51%	2.93	-0.0073	-0.0284	-0.0331	0.0664	0.0058	-0.0005	0.0029	0.07	0.08	0.08	0.08	0.08	2.41%	2.76%	2.76%	2.76%	2.76%
2.93	-0.0185	-0.0036	-0.0114	0.1789	0.0050	-0.0005	0.1499	0.0289	1.89	64.36%	2.93	-0.0248	-0.0047	-0.0143	0.2159	0.0067	-0.0006	0.1782	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0312	-0.0463	-0.0627	0.0716	0.0053	-0.0020	-0.0653	0.0000	8.27	69.17%	11.96	-0.0390	-0.0588	-0.0768	0.0874	0.0081	-0.0031	-0.0822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0640	-0.0874	0.0262	0.0017	0.0000	-0.1259	0.3651	[redacted]			-0.0030	-0.0816	-0.1084	0.0325	0.0017	0.0000	-0.1588	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.74	-0.0439	-0.0871	-0.1083	0.1585	0.0155	-0.0009	-0.0662	0.0007	9.61	81.88%	11.74	-0.0571	-0.1100	-0.1316	0.2043	0.0227	-0.0010	-0.0727	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.41	-0.0025	-0.0008	-0.0040	0.2837	0.0054	0.0055	0.2873	0.0000	1.12	11.91%	9.41	-0.0025	-0.0008	-0.0047	0.3604	0.0066	0.0054	0.3644	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0049	-0.0008	-0.0095	0.0608	0.0051	-0.0027	0.0480	0.0231	2.79	95.16%	2.93	-0.0065	-0.0010	-0.0118	0.0728	0.0075	-0.0035	0.0575	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0348	-0.0976	-0.1925	0.1647	0.0089	-0.0085	-0.1598	0.3772	[redacted]			-0.0437	-0.1182	-0.2351	0.2035	0.0129	-0.0108	-0.1914	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0094	-0.0503	-0.0691	0.0194	0.0040	-0.0008	-0.1062	0.0020	4.79	40.05%	11.96	-0.0126	-0.0663	-0.0835	0.0235	0.0056	-0.0009	-0.1342	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0514	-0.0098	-0.0392	0.1489	0.0052	-0.0009	0.0528	0.0237	5.31	50.89%	10.43	-0.0624	-0.0120	-0.0479	0.1842	0.0078	-0.0012	0.0685	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0212	-0.0268	-0.0760	0.1067	0.0051	-0.0008	-0.0130	0.4033	[redacted]			-0.0277	-0.0353	-0.0920	0.1281	0.0076	-0.0010	-0.0203	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1788	-0.0831	-0.1174	0.1710	0.0076	-0.0014	-0.2021	11.7181	10.24	85.64%	11.96	-0.2236	-0.1059	-0.1412	0.2116	0.0120	-0.0017	-0.2488	0.00	0.00	0.00	11.17	11.15	0.00%	0.00%	0.00%	93.39%	93.23%
11.96	-0.0419	-0.0124	-0.0517	0.0829	0.0088	-0.0018	-0.0161	0.0000	10.35	86.56%	11.96	-0.0538	-0.0157	-0.0634	0.0997	0.0132	-0.0022	-0.0222	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0304	-0.0312	-0.0373	0.1327	0.0165	-0.0010	0.0493	0.0019	7.67	64.11%	11.96	-0.0427	-0.0423	-0.0459	0.1646	0.0230	-0.0012	0.0555	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0572	-0.0226	-0.0690	0.3857	0.0096	0.0001	0.2466	0.0021	14.95	92.39%	16.18	-0.0715	-0.0289	-0.0836	0.4744	0.0129	0.0001	0.3034	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1135	-0.0306	-0.0731	0.0494	0.0114	-0.0012	-0.1576	21.0270	10.06	84.16%	11.96	-0.1345	-0.0378	-0.0891	0.0620	0.0171	-0.0017	-0.1840	0.09	0.98	2.65	9.00	14.29	1.12%	15.88%	37.06%	159.86%	142.33%
[redacted]	-0.0120	-0.0318	-0.0449	0.0047	0.0026	-0.0008	-0.0822	0.0073	[redacted]			-0.0151	-0.0405	-0.0534	0.0058	0.0040	-0.0010	-0.1002	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0171	-0.0757	-0.1051	0.0535	0.0042	-0.0009	-0.1411	1.4376	9.25	77.36%	11.96	-0.0211	-0.0962	-0.1287	0.0654	0.0064	-0.0015	-0.1757	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0023	-0.0764	-0.0671	0.0107	0.0128	0.0003	-0.1220	0.0247	[redacted]			-0.0024	-0.0794	-0.0761	0.0124	0.0127	0.0003	-0.1325	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0174	-0.1471	-0.1787	0.1189	0.0040	-0.0001	-0.2204	2.5902	[redacted]			-0.0210	-0.1874	-0.2105	0.1655	0.0042	-0.0001	-0.2493	0.17	1.85	3.70	4.07	4.04	[redacted]				
[redacted]	-0.0109	-0.0244	-0.0359	0.0690	0.0018	0.0000	-0.0004	0.0151	[redacted]			-0.0135	-0.0311	-0.0438	0.0842	0.0018	0.0000	-0.0024	1.29	2.21	3.13	3.13	3.06	[redacted]				
16.18	-0.0526	-0.0057	-0.0567	0.1758	0.0073	-0.0004	0.0677	0.0403	15.19	93.90%	16.18	-0.0657	-0.0072	-0.0695	0.2150	0.0110	-0.0005	0.0831	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	-0.0008	-0.0003	-0.0126	0.0404	0.0094	-0.0030	0.0331	0.0053	2.79	53.40%	5.22	-0.0010	-0.0004	-0.0153	0.0495	0.0127	-0.0041	0.0414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0736	-0.1062	0.0235	0.0051	0.0000	-0.1532	0.0017	[redacted]			-0.0025	-0.0938	-0.1290	0.0293	0.0051	0.0000	-0.1909	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.65	0.0000	0.0000	-0.0095	0.0178	0.0051	-0.0012	0.0122	0.0012	1.48	89.95%	1.65	0.0000	0.0000	-0.0117	0.0217	0.0075	-0.0015	0.0160	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0440	-0.0432	-0.0875	0.1231	0.0078	-0.0007	-0.0445	0.0348	11.65	97.43%	11.96	-0.0571	-0.0558	-0.1071	0.1531	0.0109	-0.0008	-0.0568	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.06	0.0000	0.0000	-0.0015	0.0004	0.0054	-0.0010	0.0033	0.0000	1.72	24.36%	7.06	0.0000	0.0000	-0.0018	0.0005	0.0070	-0.0011	0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0537	-0.1190	-0.1291	0.1754	0.0164	0.0020	-0.1080	0.0000	[redacted]			-0.0672	-0.1512	-0.1550	0.2188	0.0215	0.0027	-0.1304	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0860	-0.0161	-0.0361	0.2166	0.0062	-0.0003	0.0843	0.2534	6.90	57.73%	11.96	-0.1101	-0.0204	-0.0442	0.2660	0.0093	-0.0004	0.1002	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.0268	-0.0247	-0.0634	0.0860	0.0070	-0.0016	-0.0235	0.3247	8.39	95.26%	8.80	-0.0342	-0.0314	-0.0778	0.1034	0.0106	-0.0020	-0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0166	-0.0300	-0.0280	0.0048	0.0047	0.0014	-0.0637	0.0000	[redacted]			-0.0197	-0.0366	-0.0332	0.0059	0.0059	0.0017	-0.0760	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0034	-0.0934	-0.1069	0.0054	0.0038	0.0000	-0.1945	0.0005	[redacted]			-0.0042	-0.1189	-0.1248	0.0067	0.0038	0.0000	-0.2374	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0060	-0.0481	-0.0859	0.0612	0.0029	-0.0034	-0.0793	0.0120	8.64	53.40%	16.18	-0.0074	-0.0611	-0.1055	0.0752	0.0044	-0.0043	-0.0987	0.29	0.29	0.29	0.29	0.29	48.15%	48.15%	48.15%	48.15%	48.15%
2.71	-0.0016	-0.0006	-0.0036	0.0348	0.0099	-0.0003	0.0386	0.0000	1.12	41.42%	2.71	-0.0016	-0.0006	-0.0042	0.0435	0.0135	-0.0004	0.0502	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0221	-0.0177	-0.0395	0.0642	0.0056	-0.0026	-0.0121	0.2922	5.45	45.60%	11.96	-0.0316	-0.0241	-0.0475	0.0785	0.0094	-0.0030	-0.0183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0013	0.1077	0.0134	0.0000	0.1198	0.0000	0.73	26.14%	2.80	0.0000	0.0000	-0.0016	0.1341	0.0166	0.0000	0.1491	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0044	-0.0048	-0.0790	0.2840	0.0203	-0.0078	0.2083	0.0008	8.97	75.04%	11.96	-0.0088	-0.0098	-0.1037	0.3481	0.0269	-0.0114	0.2413	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0105	-0.0719	-0.1194	0.0723	0.0047	-0.0009	-0.1257	0.0000	9.19	76.83%	11.96	-0.0130	-0.0915	-0.1450	0.0893	0.0066	-0.0009	-0.1545	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0003	-0.0023	-0.0032	0.0036	0.0002	-0.0001	-0.0021	0.0000	[redacted]			-0.0003	-0.0026	-0.0039	0.0044	0.0002	-0.0002	-0.0024	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0410	-0.0178	-0.0477	0.0226	0.0174	-0.0009	-0.0674	0.0186	9.77	81.75%	11.96	-0.0513	-0.0226	-0.0579	0.0275	0.0249	-0.0011	-0.0805	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0054	-0.0289	-0.1060	0.0526	0.0013	-0.0007	-0.0871	0.0026	[redacted]			-0.0061	-0.0336	-0.1294	0.0636	0.0013	-0.0011	-0.1053	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0459	-0.0380	-0.0666	0.1466	0.0100	-0.0012	0.0049	0.0062	10.11	84.56%	11.96	-0.0579	-0.0483	-0.0817	0.1832	0.0154	-0.0014	0.0093	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0050	-0.0008	-0.0085	0.0528	0.0047	-0.0004	0.0428	0.0000	1.99	71.23%	2.80	-0.0064	-0.0010	-0.0103	0.0636	0.0073	-0.0004	0.0528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0429	-0.0452	-0.1076	0.0794	0.0104	-0.0012	-0.1071	1.1736	[redacted]			-0.0518	-0.0575	-0.1320	0.0954	0.0158	-0.0015	-0.1316	0.00	0.46	0.41	0.70	1.72	[redacted]				
2.93	0.0000	0.0000	-0.0063	0.0451	0.0194	-0.0003	0.0579	0.0000	2.55	87.11%	2.93	0.0000	0.0000	-0.0079	0.0532	0.0261	-0.0004	0.0710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0169	-0.0912	-0.1162	0.0722	0.0017	-0.0006	-0.1510	0.0755	[redacted]			-0.0213	-0.1191	-0.1400	0.0909	0.0018	-0.0006	-0.1883	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0163	-0.0248	-0.0860	0.1634	0.0074	-0.0005	0.0432	0.0122	9.03	75.55%	11.96	-0.0204	-0.0316	-0.1054	0.1974	0.0105	-0.0006	0.0499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0098	-0.0479	-0.1222	0.0601	0.0053	-0.0023	-0.1168	0.0000	[redacted]			-0.0129	-0.0609	-0.1497	0.0724	0.0074	-0.0029	-0.1466	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0954	-0.0063	-0.0466	0.1919	0.0157	-0.0004	0.0589	0.0382	10.45	87.38%	11.96	-0.1263	-0.0086	-0.0552	0.2338	0.0250	-0.0004	0.0683	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0967	-0.0304	-0.0449	0.0329	0.0142	0.0002	-0.1247	0.7477	9.09	76.04%	11.96	-0.1174	-0.0387	-0.0562	0.0413	0.0181	0.0003	-0.1526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.71	-0.0119	-0.0055	-0.0114	0.0548	0.0052	-0.0010	0.0302	0.0000	1.69	98.76%	1.71	-0.0132	-0.0060	-0.0136	0.0688	0.0087	-0.0018	0.0429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0016	-0.0016	-0.0124	0.0819	0.0075	-0.0011	0.0727	0.0008	2.37	80.97%	2.93	-0.0019	-0.0021	-0.0151	0.0996	0.0110	-0.0015	0.0900	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.2214	-0.0113	-0.0586	0.2078	0.0117	-0.0066	-0.0784	0.0263	9.62	92.21%	10.43	-0.2492	-0.0131	-0.0715	0.2530	0.0181	-0.0121	-0.0748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.65	-0.0224	-0.0525	-0.1903	0.4316	0.0463	-0.0144	0.1983	0.8281	12.73	81.37%	15.65	-0.0325	-0.0812	-0.2367	0.5229	0.0585	-0.0163	0.2147	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0055	-0.0028	-0.0060	0.0098	0.0018	-0.0007	-0.0034	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0105	-0.0224	-0.0123	0.0503	0.0037	0.0000	0.0088	0.0011	0.87	8.34%	10.43	-0.0131	-0.0283	-0.0141	0.0635	0.0072	0.0013	0.0165	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0021	-0.0018	-0.0396	0.1167	0.0144	-0.0032	0.0844	0.0000	7.54	63.05%	11.96	-0.0022	-0.0019	-0.0491	0.1400	0.0193	-0.0040	0.1021	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0088	-0.0229	-0.0843	0.0972	0.0068	-0.0017	-0.0137	0.0031	[redacted]			-0.0113	-0.0291	-0.1011	0.1170	0.0106	-0.0021	-0.0160	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0010	0.0000	-0.0005	0.0414	0.0026	0.0001	0.0426	0.0107	[redacted]			-0.0010	0.0000	-0.0006	0.0550	0.0026	0.0001	0.0561	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0020	-0.0029	-0.0177	0.0076	0.0084	0.0000	-0.0066	0.0820	5.87	70.26%	8.35	-0.0021	-0.0031	-0.0211	0.0093	0.0101	0.0000	-0.0069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0146	-0.0118	-0.0731	0.1923	0.0079	-0.0063	0.0944	0.0165	15.24	94.20%	16.18	-0.0177	-0.0143	-0.0898	0.2328	0.0117	-0.0082	0.1145	1.00	1.00	1.10	1.10	1.10	7.09%	6.94%	7.64%	7.64%	7.64%
[redacted]	-0.0086	-0.0709	-0.0903	0.0151	0.0041	0.0000	-0.1506	0.0000	[redacted]			-0.0106	-0.0903	-0.1104	0.0188	0.0054	0.0000	-0.1871	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0123	-0.1182	-0.1496	0.0359	0.0039	0.0011	-0.2392	4.3449	[redacted]			-0.0151	-0.1495	-0.1840	0.0449	0.0039	0.0015	-0.2983	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0004	-0.0050	-0.0037	0.0056	0.0003	-0.0004	-0.0036	0.0000	[redacted]			-0.0005	-0.0063	-0.0045	0.0067	0.0003	-0.0005	-0.0048	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0289	-0.0985	-0.1529	0.0993	0.0047	-0.0022	-0.1785	0.7727	[redacted]			-0.0372	-0.1252	-0.1871	0.1233	0.0069	-0.0027	-0.2220	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0002	-0.0109	-0.0241	0.0057	0.0358	0.0000	0.0063	0.0008	[redacted]			-0.0002	-0.0120	-0.0281	0.0070	0.0355	0.0000	0.0022	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0289	-0.0065	-0.0410	0.1653	0.0072	-0.0004	0.0957	0.0061	9.80	81.98%	11.96	-0.0369	-0.0082	-0.0502	0.1990	0.0108	-0.0005	0.1140	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0285	-0.0544	-0.0662	0.0761	0.0052	-0.0032	-0.0710	0.0200	[redacted]			-0.0355	-0.0692	-0.0797	0.0931	0.0078	-0.0042	-0.0877	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0716	-0.0068	-0.0485	0.0678	0.0054	-0.0004	-0.0541	0.5631	11.52	96.34%	11.96	-0.0893	-0.0082	-0.0594	0.0837	0.0083	-0.0006	-0.0655	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0019	-0.0100	-0.0178	0.0437	0.0039	-0.0008	0.0171	0.0001	1.43	51.21%	2.80	-0.0025	-0.0127	-0.0211	0.0526	0.0063	-0.0010	0.0216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0063	-0.0644	-0.0844	0.1907	0.0088	-0.0004	0.0440	0.0047	[redacted]			-0.0079	-0.0834	-0.1034	0.2358	0.0136	0.0000	0.0547	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0275	-0.0068	-0.0191	0.0513	0.0025	-0.0010	-0.0006	0.0584	[redacted]			-0.0299	-0.0076	-0.0229	0.0628	0.0041	-0.0017	0.0048	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0505	-0.0803	-0.1784	0.4599	0.0057	-0.0097	0.1467	0.0022	12.85	79.45%	16.18	-0.0617	-0.0999	-0.2166	0.5595	0.0089	-0.0120	0.1782	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	0.0000	0.0000	-0.0306	0.4300	0.0391	-0.0043	0.4342	0.0171	6.60	40.80%	16.18	0.0000	0.0000	-0.0370	0.5486	0.0483	-0.0046	0.5553	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0399	-0.0614	-0.1038	0.0989	0.0070	-0.0025	-0.1017	0.0120	10.20	85.29%	11.96	-0.0521	-0.0781	-0.1266	0.1208	0.0103	-0.0031	-0.1288	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Cowen		0.0000	2.48	103.80%	2.39	-0.0039	-0.0012	-0.0039	0.0033	0.0006	-0.0002	-0.0053	0.0000	2.47	103.61%	2.39	-0.0070	-0.0023	-0.0077	0.0067	0.0014	-0.0004	-0.0093	0.0000	2.19	91.92%	2.39	-0.0106	-0.0035	-0.0117	0.0100	0.0028	-0.0006	-0.0136	0.0000	2.19	91.73%
Cowles		0.0002	6.20	68.75%	9.02	-0.0118	-0.0171	-0.0382	0.0436	0.0006	-0.0001	-0.0230	0.0040	6.20	68.70%	9.02	-0.0217	-0.0326	-0.0675	0.0883	0.0026	-0.0001	-0.0310	0.0058	6.18	68.48%	9.02	-0.0332	-0.0493	-0.0982	0.1249	0.0046	-0.0002	-0.0514	0.0100	6.16	68.24%
Cox	GNA_2023_37	0.0000	7.38	61.76%	11.96	-0.0045	-0.0133	-0.0223	0.0123	0.0007	-0.0001	-0.0272	0.0002	7.37	61.62%	11.96	-0.0082	-0.0251	-0.0373	0.0256	0.0015	-0.0002	-0.0437	0.0002	7.35	61.47%	11.96	-0.0124	-0.0376	-0.0517	0.0389	0.0026	-0.0003	-0.0605	0.0002	7.33	61.34%
Coyote		0.0000	11.07	92.55%	11.96	0.0000	0.0000	-0.0143	0.0705	0.0047	-0.0011	0.0598	0.0000	11.11	92.96%	11.96	-0.0107	-0.0071	-0.0338	0.1485	0.0102	-0.0016	0.1055	0.0000	11.16	93.33%	11.96	-0.0235	-0.0149	-0.0533	0.2226	0.0184	-0.0021	0.1472	0.0000	11.23	93.93%
Crab		0.0472	[redacted]			0.0000	0.0000	-0.0133	0.1030	0.0311	-0.0007	0.1201	0.0809	[redacted]			-0.0133	0.0000	-0.0446	0.1952	0.0407	-0.0056	0.1724	0.0870	[redacted]			-0.0133	0.0000	-0.0567	0.3157	0.0688	-0.0046	0.3099	0.1014	[redacted]	
Crabtree	GNA_2023_298	0.7003	13.71	84.75%	16.18	-0.0150	-0.0150	-0.0322	0.0801	0.0005	-0.0005	0.0179	1.9014	15.17	93.80%	16.18	-0.0260	-0.0278	-0.0583	0.1696	0.0014	-0.0009	0.0580	3.7016	15.91	98.36%	16.18	-0.0345	-0.0376	-0.0848	0.2737	0.0030	-0.0014	0.1184	6.5241	13.94	86.20%
Craftsman		2.4299	[redacted]			-0.0011	-0.0086	-0.0091	0.0005	0.0005	0.0000	-0.0178	2.4299	[redacted]			-0.0021	-0.0161	-0.0152	0.0012	0.0009	0.0000	-0.0313	2.4299	[redacted]			-0.0031	-0.0241	-0.0213	0.0020	0.0016	0.0000	-0.0449	2.4299	[redacted]	
Cram		0.0003	[redacted]			-0.0224	-0.0068	-0.0152	0.0233	0.0009	0.0000	-0.0202	0.0035	[redacted]			-0.0402	-0.0124	-0.0282	0.0492	0.0021	0.0000	-0.0295	0.0049	[redacted]			-0.0444	-0.0137	-0.0418	0.0828	0.0045	-0.0010	-0.0136	0.0072	[redacted]	
Cranbrook		0.0000	1.48	62.06%	2.39	0.0000	0.0000	-0.0035	0.0125	0.0007	-0.0002	0.0095	0.0003	1.49	62.39%	2.39	-0.0011	-0.0015	-0.0080	0.0263	0.0014	-0.0005	0.0166	0.0004	1.50	62.86%	2.39	-0.0012	-0.0016	-0.0118	0.0401	0.0027	-0.0009	0.0273	0.0004	1.51	63.33%
Crane		0.0000	2.70	92.11%	2.93	0.0000	0.0000	-0.0035	0.0141	0.0009	-0.0003	0.0112	0.0000	2.71	92.47%	2.93	-0.0012	-0.0005	-0.0085	0.0298	0.0024	-0.0009	0.0211	0.0000	2.72	92.78%	2.93	-0.0025	-0.0011	-0.0133	0.0437	0.0045	-0.0015	0.0298	0.0000	2.73	93.23%
Creamery		0.4700	7.03	49.82%	14.12	-0.0050	-0.0140	-0.0169	0.0139	0.0010	-0.0002	-0.0212	0.4700	7.02	49.72%	14.12	-0.0093	-0.0268	-0.0298	0.0294	0.0025	-0.0004	-0.0344	0.4700	7.01	49.63%	14.12	-0.0142	-0.0404	-0.0416	0.0449	0.0046	-0.0005	-0.0472	0.5084	7.03	49.81%
Cree		0.0000	[redacted]			-0.0019	-0.0300	-0.0241	0.0021	0.0003	-0.0001	-0.0537	0.0001	[redacted]			-0.0038	-0.0548	-0.0446	0.0044	0.0008	-0.0001	-0.0981	0.0003	[redacted]			-0.0056	-0.0815	-0.0660	0.0067	0.0014	-0.0001	-0.1451	0.0005	[redacted]	
Creekside	GNA_2023_12	0.1582	9.95	83.21%	11.96	-0.0170	-0.0095	-0.0173	0.0255	0.0007	-0.0007	-0.0183	0.2076	10.00	83.64%	11.96	-0.0258	-0.0150	-0.0339	0.0538	0.0024	-0.0014	-0.0199	0.3573	10.16	84.99%	11.96	-0.0352	-0.0209	-0.0493	0.0794	0.0048	-0.0021	-0.0233	0.4619	10.27	85.91%
Crenshaw		0.0000	1.71	80.29%	2.14	-0.0009	-0.0006	-0.0036	0.0141	0.0006	-0.0006	0.0090	0.0000	1.73	81.16%	2.14	-0.0009	-0.0006	-0.0050	0.0310	0.0029	-0.0006	0.0268	0.0000	1.75	82.08%	2.14	-0.0009	-0.0006	-0.0064	0.0482	0.0059	-0.0006	0.0456	0.0000	1.77	82.89%
Creosote		0.0002	8.94	74.80%	11.96	-0.0221	-0.0059	-0.0147	0.0130	0.0003	-0.0001	-0.0295	0.0039	8.92	74.62%	11.96	-0.0419	-0.0110	-0.0288	0.0271	0.0017	-0.0001	-0.0530	0.0045	8.90	74.43%	11.96	-0.0610	-0.0164	-0.0427	0.0411	0.0037	-0.0001	-0.0754	0.0062	8.88	74.26%
Crescenta		0.0006	14.41	89.08%	16.18	-0.0185	-0.0012	-0.0131	0.0907	0.0009	0.0000	0.0588	0.0114	14.55	89.96%	16.18	-0.0222	-0.0014	-0.0280	0.2279	0.0029	-0.0016	0.1776	0.0169	14.68	90.75%	16.18	-0.0264	-0.0017	-0.0423	0.3577	0.0054	-0.0034	0.2893	0.0304	14.80	91.52%
Cresta		0.0092	9.43	79.13%	11.91	-0.0031	-0.0135	-0.0205	0.0486	0.0019	-0.0003	0.0131	0.0119	9.46	79.38%	11.91	-0.0059	-0.0256	-0.0376	0.1004	0.0077	-0.0007	0.0383	0.0128	9.48	79.57%	11.91	-0.0088	-0.0385	-0.0577	0.1508	0.0137	-0.0010	0.0585	0.0134	9.50	79.75%
Cresthaven		0.0000	12.92	79.88%	16.18	-0.0203	-0.0046	-0.0179	0.0854	0.0014	0.0000	0.0440	0.0002	12.98	80.24%	16.18	-0.0372	-0.0087	-0.0377	0.1770	0.0036	0.0000	0.0970	0.0007	13.04	80.58%	16.18	-0.0556	-0.0131	-0.0570	0.2670	0.0057	0.0000	0.1470	0.0014	13.09	80.90%
Crestwind		0.0000	0.64	35.77%	1.80	-0.0015	-0.0001	-0.0014	0.0071	0.0008	0.0000	0.0049	0.0000	0.66	36.64%	1.80	-0.0015	-0.0001	-0.0021	0.0177	0.0059	-0.0002	0.0197	0.0000	0.67	37.49%	1.80	-0.0015	-0.0001	-0.0029	0.0280	0.0110	-0.0004	0.0341	0.0000	0.00	0.00%
Crestwood		0.0000	[redacted]			-0.0084	-0.0054	-0.0174	0.0108	0.0010	-0.0005	-0.0199	0.0000	[redacted]			-0.0150	-0.0101	-0.0330	0.0224	0.0028	-0.0009	-0.0338	0.0000	[redacted]			-0.0222	-0.0151	-0.0499	0.0337	0.0058	-0.0013	-0.0490	0.0000	[redacted]	
Crevolin		0.0003	7.69	64.34%	11.96	-0.0090	-0.0062	-0.0124	0.0243	0.0008	-0.0006	-0.0031	0.0049	7.70	64.40%	11.96	-0.0157	-0.0116	-0.0253	0.0504	0.0021	-0.0011	-0.0012	0.0070	7.70	64.42%	11.96	-0.0229	-0.0174	-0.0383	0.0761	0.0040	-0.0016	-0.0001	0.0173	7.72	64.53%
Cribbage		0.0002	5.98	50.05%	11.96	-0.0022	-0.0172	-0.0171	0.0068	0.0003	0.0001	-0.0293	0.0033	5.96	49.88%	11.96	-0.0044	-0.0316	-0.0307	0.0151	0.0007	0.0002	-0.0507	0.0047	5.94	49.71%	11.96	-0.0067	-0.0471	-0.0440	0.0244	0.0009	0.0003	-0.0722	0.0054	5.96	49.83%
Crocker		0.0089	2.14	63.12%	3.39	-0.0015	-0.0009	-0.0027	0.0029	0.0004	-0.0001	-0.0019	0.0118	2.14	63.17%	3.39	-0.0029	-0.0017	-0.0052	0.0059	0.0008	-0.0002	-0.0033	0.0128	2.14	63.17%	3.39	-0.0042	-0.0025	-0.0077	0.0088	0.0015	-0.0003	-0.0044	0.0141	2.14	63.18%
Crockett		0.0000	2.74	97.99%	2.80	0.0000	0.0000	-0.0038	0.0075	0.0009	-0.0002	0.0044	0.0000	2.75	98.12%	2.80	-0.0007	-0.0005	-0.0092	0.0169	0.0022	-0.0006	0.0081	0.0000	2.75	98.22%	2.80	-0.0015	-0.0011	-0.0147	0.0257	0.0037	-0.0011	0.0110	0.0000	2.76	98.44%
Croft		0.0004	9.55	79.89%	11.96	-0.0130	-0.0076	-0.0231	0.0247	0.0014	-0.0007	-0.0183	0.0063	9.55	79.88%	11.96	-0.0230	-0.0143	-0.0414	0.0516	0.0030	-0.0013	-0.0254	0.0091	9.55	79.84%	11.96	-0.0336	-0.0215	-0.0601	0.0783	0.0055	-0.0019	-0.0333	0.0155	9.54	79.82%
Cromwell	GNA_2023_147	0.0001	10.84	90.69%	11.96	-0.0064	-0.0050	-0.0266	0.0822	0.0014	-0.0014	0.0442	0.0001	9.64	80.64%	11.96	-0.0194	-0.0163	-0.0503	0.1569	0.0034	-0.0019	0.0724	0.0001	9.67	80.86%	11.96	-0.0336	-0.0283	-0.0737	0.2276	0.0066	-0.0025	0.0961	0.0001	9.71	81.22%
Cronin		0.2874	9.46	79.15%	11.96	-0.0740	-0.0084	-0.0207	0.0891	0.0018	0.0000	-0.0122	0.2924	9.48	79.30%	11.96	-0.1343	-0.0159	-0.0404	0.1855	0.0047	0.0001	-0.0003	0.2945	9.49	79.40%	11.96	-0.2032	-0.0239	-0.0558	0.2817	0.0102	0.0001	0.0091	0.2997	9.50	79.46%
Crosby		0.0000	2.53	86.41%	2.93	-0.0070	-0.0001	-0.0018	0.0285	0.0002	-0.0001	0.0197	0.0000	2.56	87.28%	2.93	-0.0125	-0.0002	-0.0038	0.0589	0.0012	-0.0001	0.0435	0.0000	2.58	88.12%	2.93	-0.0187	-0.0003	-0.0059	0.0885	0.0025	-0.0001	0.0660	0.0000	2.60	88.86%
Cross		0.0001	[redacted]			-0.0085	-0.0091	-0.0299	0.0129	0.0008	-0.0002	-0.0340	0.0024	[redacted]			-0.0130	-0.0146	-0.0525	0.0301	0.0018	-0.0005	-0.0487	0.0030	[redacted]			-0.0178	-0.0205	-0.0749	0.0464	0.0035	-0.0008	-0.0641	0.0034	[redacted]	
Crossley		0.0000	[redacted]			-0.0524	0.0000	-0.0182	0.0185	0.0014	-0.0005	-0.0512	0.0000	[redacted]			-0.0974	0.0000	-0.0375	0.0386	0.0039	-0.0008	-0.0932	0.0000	[redacted]			-0.1421	0.0000	-0.0566	0.0587	0.0078	-0.0012	-0.1334	0.0000	[redacted]	
Crosson		0.0004	14.96	92.48%	16.18	0.0000	0.0000	-0.0262	0.1159	0.0050	-0.0005	0.0942	0.1353	15.22	94.07%	16.18	0.0000	0.0000	-0.0455	0.2361	0.0112	-0.0010	0.2008	0.1358	15.33	94.79%	16.18	0.0000	0.0000	-0.0643	0.3594	0.0165	-0.0014	0.3102	0.2289	13.31	82.26%
Crosstown		0.0001	7.89	65.98%	11.96	-0.0002	0.0000	0.0000	0.0006	0.0000	0.0000	0.0004	0.0001	7.89	65.98%	11.96	-0.0005	0.0000	0.0000	0.0011	0.0000	0.0000	0.0006	0.0001	7.89	65.99%	11.96	-0.0006	0.0000	0.0000	0.0018	0.0000	0.0000	0.0012	0.0001	7.89	65.99%
Crowder		0.0004	9.67	80.83%	11.96	-0.0084	-0.0063	-0.0277	0.0203	0.0007	-0.0013	-0.0227	0.0073	9.64	80.63%	11.96	-0.0187	-0.0149	-0.0525	0.0346	0.0018	-0.0021	-0.0518	0.0106	11.52	96.34%	11.96	-0.0297	-0.0241	-0.0766	0.0491	0.0034	-0.0030	-0.0809	0.0184	11.50	96.15%
Crowley		0.0000	[redacted]			0.0000	0.0000	-0.0014	0.0044	0.0032	-0.0022	0.0040	1.5002	[redacted]			-0.0033	-0.0034	-0.0033	0.0083	0.0041	-0.0024	0.0000	1.5004	[redacted]			-0.0066	-0.0070	-0.0051	0.0128	0.0052	-0.0026	-0.0033	1.5010	[redacted]	
Crownhill		0.0000	7.44	62.26%	11.96	-0.0345	-0.0008	-0.0060	0.0146	0.0008	0.0000	-0.0259	0.0000	7.43	62.11%	11.96	-0.0610	-0.0015	-0.0123	0.0300	0.0020	0.0000	-0.0428	0.0000	7.41	61.95%	11.96	-0.0887	-0.0022	-0.0184	0.0449	0.0040	0.0000	-0.0604	0.0000	7.39	61.78%
Crowther		0.0003	8.08	67.56%	11.96	-0.0183	-0.0106	-0.0181	0.0341	0.0008	-0.0004	-0.0125	0.0046	8.10	67.73%	11.96	-0.0280	-0.0167	-0.0344	0.0794	0.0021	-0.0007	0.0017	0.0066	8.11	67.87%	11.96	-0.0389	-0.0233	-0.0497	0.1233	0.0040	-0.0010	0.0144	0.0113	8.12	67.88%
Crumner		0.0000	13.36	82.57%	16.18	-0.0082	-0.0195	-0.0412	0.0426	0.0004	-0.0014	-0.0273	0.0001	13.34	82.48%	16.18	-0.0147	-0.0365	-0.0759	0.0880	0.0014	-0.0026	-0.0403	0.0005	13.35	82.51%	16.18	-0.0197	-0.0495	-0.1078	0.1418	0.0031	-0.0048	-0.0369	0.0011	13.35	82.51%
Crump		0.0000	0.47	22.29%	2.09	0.0000	0.0000	-0.0007	0.0012	0.0038	-0.0002	0.0041	0.0003	0.47	22.54%	2.09	0.0000	0.0000	-0.0014	0.0025	0.0079	-0.0003	0.0087	0.0004	0.48	22.79%	2.09	0.0000	0.0000	-0.0021	0.0038	0.0124	-0.0004	0.0137	0.0006	0.48	23.06%
Crumville		0.1339	[redacted]			-0.0039	-0.0194	-0.0364	0.0054	0.0003	-0.0005	-0.0545	0.1748	[redacted]			-0.0070	-0.0359	-0.0597	0.0111	0.0011	-0.0010	-0.0914	0.1890	[redacted]			-0.0104	-0.0536	-0.0829	0.0166	0.0022	-0.0014	-0.1295	0.1981	[redacted]	
Crusade		0.0000	[redacted]			-0.0066	-0.0183	-0.0318	0.0214	0.0007	-0.0009	-0.0355	0.0000	[redacted]			-0.0121	-0.0339	-0.0578	0.0448	0.0018	-0.0018	-0.0590	0.0000	[redacted]			-0.0184	-0.0506	-0.0834	0.0668	0.0032	-0.0026	-0.0850	0.0000	[redacted]	
Cruz		0.0000	10.18	85.16%	11.96	-0.0441	-0.0238	-0.0212	0.0135	0.0008	-0.0001	-0.0749	0.0000	10.12	84.62%	11.96	-0.0797	-0.0453	-0.0399	0.0292	0.0022	-0.0002	-0.1337	0.0000	10.05	84.08%	11.96	-0.1162	-0.0682	-0.0582	0.0461	0.0050	-0.0004	-0.1919	0.0120	10.00	83.66%
Cuba		2.3011	[redacted]			-0.0025	-0.0275	-0.0343	0.0113	0.0013	-0.0003	-0.0520	2.3414	[redacted]			-0.0053	-0.0527	-0.0578	0.0226	0.0041	0.0000	-0.0891	2.3637	[redacted]			-0.0070	-0.0689	-0.0817	0.0368	0.0071	-0.0002	-0.1139	2.3643	[redacted]	
Cubbon		0.0000	1.61	97.86%	1.65	-0.0028	0.0000	-0.0020	0.0105	0.0005	0.0000	0.0062	0.0000	1.62	98.34%	1.65	-0.0052	0.0000	-0.0042	0.0214	0.0017	0.0000	0.0137	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Cubic		0.0000	9.92	82.97%	11.96	-0.0085	-0.0152	-0.0260	0.0348	0.0011	-0.0011	-0.0149	0.0000	9.91	82.92%	11.96	-0.0160	-0.0289	-0.0508	0.0752	0.0029	-0.0021	-0.0197	0.0000	9.91	82.91%	11.96	-0.0234	-0.0435	-0.0755	0.1186	0.0056	-0.0031	-0.0213	0.0000	9.91	82.92%
Cuddeback		0.0000	1.65	15.84%	10.43	-0.0026	-0.0031	-0.0034	0.0044	0.0010	-0.0001	-0.0038	0.0003	1.65	15.83%	10.43	-0.0050	-0.0060	-0.0062	0.0095	0.0023	-0.0002	-0.0056	0.0007	1.65	15.82%	10.43	-0.0074	-0.0090	-0.0089	0.0149	0.0038	-0.0004	-0.0070	0.0016	1.65	15.82%
Cuervo		0.0002	7.76	64.92%	11.96	-0.0014	-0.0100	-0.0262	0.0103	0.0004	-0.0004	-0.0273	0.0024	7.86	65.71%	11.96	-0.0028	-0.0185	-0.0487	0.0211	0.0010	-0.0008	-0.0487	0.0040	7.84	65.53%	11.96	-0.0041	-0.0276	-0.0708	0.0313	0.0020	-0.0012	-0.0704	0.1155	7.92	66.27%
Culverdale		0.0003	10.48	90.97%	11.52	0.0000	0.0000	-0.0137	0.0609	0.0030	-0.0015	0.0487	0.0003	10.54	91.47%	11.52	0.0000	0.0000	-0.0252	0.1237	0.0070	-0.0027	0.1028	0.0003	10.59	91.95%	11.52	0.0000	0.0000	-0.0368	0.1853	0.0107	-0.0037	0.1555	0.0003	10.65	92.42%
Cummins	GNA_2023_275	7.2177	[redacted]			-0.0021	-0.0212	-0.0137	0.0007	0.0017	0.0001	-0.0345	7.5363	[redacted]			-0.0039	-0.0369	-0.0239	0.0015	0.0041	0.0003	-0.0588	7.6484	[redacted]			-0.0058	-0.0555	-0.0350	0.0023	0.0062	0.0004	-0.0874	7.7219	[redacted]	
Cupid		0.0001	[redacted]			-0.0006	-0.0267	-0.0284	0.0023	0.0008	0.0000	-0.0526	0.0010	[redacted]			-0.0012	-0.0484	-0.0548	0.0048	0.0024	0.0000	-0.0972	0.0010	[redacted]			-0.0018	-0.0718	-0.0805	0.0073	0.0044	0.0000	-0.1424	0.0010	[redacted]	
Cupples	GNA_2023_91	6.2317	[redacted]			0.0000	-0.0002	-0.0164	0.0213	0.0072	0.0000	0.0119	6.8566	[redacted]			0.0000	-0.0003	-0.0304	0.0447	0.0149	0.0000	0.0289	9.5497	[redacted]			-0.0012	-0.0053	-0.0595	0.0749	0.0209	-0.0004	0.0294	9.5497	[redacted]	
Curran		0.0000	2.21	92.42%	2.39	-0.0021	-0.0007	-0.0016	0.0050	0.0008	0.0000	0.0014	0.0000	2.21	92.50%	2.39	-0.0038	-0.0014	-0.0035	0.0103	0.0016	0.0000	0.0032	0.0000	2.21	92.58%	2.39	-0.0056	-0.0021	-0.0054	0.0155	0.0026	0.0000	0.0050	0.0350	2.25	94.39%
Curtis		0.0000	[redacted]			-0.0047	-0.0038	-0.0084	0.0068	0.0029	-0.0001	-0.0073	0.0000	[redacted]			-0.0093	-0.0069	-0.0167	0.0139	0.0061	-0.0002	-0.0131	0.0000	[redacted]			-0.0215	-0.0157	-0.0268	0.0233	0.0094	0.0006	-0.0307	0.0000	[redacted]	
Cushenbury		0.0003	[redacted]			0.0000	0.0000	-0.0001	0.0025	0.0002	-0.0001	0.0025	0.0032	[redacted]			0.0000	0.0000	-0.0002	0.0046	0.0005	-0.0001	0.0048	0.0065	[redacted]			0.0000	0.0000	-0.0003	0.0066	0.0008	-0.0001	0.0070	0.0129	[redacted]	
Cuthbert		0.0000	[redacted]			-0.0080	-0.0074	-0.0200	0.0586	0.0023	0.0028	0.0283	0.0000	[redacted]			-0.0161	-0.0140	-0.0378	0.1211	0.0046	0.0043	0.0621	0.0000	[redacted]			-0.0243	-0.0211	-0.0530	0.1843	0.0109	0.0058	0.1026	0.0000	[redacted]	
Cutler		0.0000	10.63	88.90%	11.96	-0.0182	-0.0095	-0.0221	0.0103	0.0006	-0.0006	-0.0395	0.0036	10.61	88.74%	11.96	-0.0287	-0.0154	-0.0423	0.0241	0.0029	-0.0013	-0.0607	0.0042	10.58	88.46%	11.96	-0.0445	-0.0241	-0.0645	0.0359	0.0065	-0.0018	-0.0925	0.0059	10.54	88.19%
Cyanide		0.1218	11.05	92.78%	11.91	-0.0057	-0.0320	-0.0495	0.0153	0.0008	-0.0010	-0.0721	0.1620	11.04	92.67%	11.91	-0.0109	-0.0597	-0.0883	0.0339	0.0018	-0.0018	-0.1250	0.1762	11.00	92.34%	11.91	-0.0166	-0.0894	-0.1259	0.0537	0.0031	-0.0026	-0.1777	0.2389	11.01	92.40%
Cyclone		0.0003	10.40	86.95%	11.96	-0.0309	-0.0071	-0.0188	0.0657	0.0010	-0.0003	0.0096	0.0024	10.42	87.18%	11.96	-0.0560	-0.0132	-0.0375	0.1365	0.0025	-0.0005	0.0318	0.0032	10.45	87.36%	11.96	-0.0838	-0.0197	-0.0562	0.2066	0.0048	-0.0007	0.0510	0.0042	10.47	87.55%
Cyclops		0.0003	8.45	70.64%	11.96	-0.0016	-0.0357	-0.0348	0.0051	0.0005	-0.0002	-0.0667	0.0053	8.39	70.20%	11.96	-0.0032	-0.0657	-0.0661	0.0106	0.0014	-0.0004	-0.1234	0.0077	8.34	69.71%	11.96	-0.0048	-0.0980	-0.0975	0.0162	0.0026	-0.0006	-0.1821	0.0132	8.28	69.28%
Cylinder		0.0002	12.70	89.98%	14.12	-0.0063	-0.0192	-0.0211	0.1204	0.0022	-0.0002	0.0758	0.0039	12.83	90.89%	14.12	-0.0094	-0.0298	-0.0453	0.2777	0.0044	-0.0013	0.1963	0.0048	12.95	91.73%	14.12	-0.0128	-0.0411	-0.0676	0.4258	0.0072	-0.0024	0.3091	0.0205	13.07	92.56%
Cymbal		0.0002	6.92	57.84%	11.96	-0.0051	-0.0073	-0.0161	0.0656	0.0004	-0.0004	0.0371	0.0029	6.97	58.29%	11.96	-0.0103	-0.0137	-0.0285	0.1345	0.0020	-0.0008	0.0832	0.0043	7.02	58.68%	11.96	-0.0157	-0.0205	-0.0425	0.2014	0.0035	-0.0012	0.1250	0.0077	7.06	59.05%
Cynthia		0.0000	1.46	49.73%	2.93	0.0000	0.0000	-0.0031	0.0098	0.0009	-0.0002	0.0074	0.0000	1.47	50.05%	2.93	0.0000	0.0000	-0.0055	0.0199	0.0018	-0.0004	0.0158	0.0000	1.48	50.37%	2.93	0.0000	0.0000	-0.0078	0.0300	0.0028	-0.0006	0.0244	0.0000	1.48	50.69%
Cyrus		0.0000	[redacted]			-0.0008	-0.0231	-0.0427	0.0073	0.0008	0.0000	-0.0585	0.0000	[redacted]			-0.0015	-0.0420	-0.0755	0.0152	0.0018	0.0000	-0.1020	0.0000	[redacted]			-0.0023	-0.0630	-0.1063	0.0227	0.0025	0.0000	-0.1464	0.0000	[redacted]	
Dachshund		0.0003	9.45	79.06%	11.96	-0.0129	-0.0353	-0.0296	0.0198	0.0005	-0.0025	-0.0600	0.0038	9.40	78.66%	11.96	-0.0248	-0.0674	-0.0547	0.0413	0.0015	-0.0045	-0.1086	0.0053	9.35	78.22%	11.96	-0.0375	-0.1016	-0.0792	0.0629	0.0028	-0.0065	-0.1591	0.0058	9.30	77.76%
Daeley		0.0000	1.23	94.78%	1.30	-0.0010	-0.0001	-0.0007	0.0022	0.0005	0.0000	0.0009	0.0006	1.23	94.93%	1.30	-0.0017	-0.0002	-0.0015	0.0045	0.0013	0.0000	0.0024	0.0009	1.23	95.07%	1.30	-0.0026	-0.0003	-0.0023	0.0067	0.0025	0.0000	0.0040	0.0016	1.24	95.26%
Daffodil		0.0000	8.95	92.48%	9.67	-0.0144	-0.0297	-0.0379	0.0249	0.0011	-0.0006	-0.0566	0.0003	8.91	92.07%	9.67	-0.0270	-0.0554	-0.0648	0.0520	0.0022	-0.0010	-0.0940	0.0004	8.86	91.62%	9.67	-0.0405	-0.0829	-0.0922	0.0789	0.0043	-0.0014	-0.1338	0.0005	8.82	91.17%
Daggett		0.0000	1.76	66.02%	2.66	-0.0015	-0.0003	-0.0027	0.0237	0.0012	-0.0003	0.0201	0.0003	1.78	66.89%	2.66	-0.0026	-0.0006	-0.0054	0.0482	0.0023	-0.0009	0.0410	0.0004	1.80	67.76%	2.66	-0.0039	-0.0009	-0.0076	0.0712	0.0047	-0.0015	0.0620	0.0007	1.83	68.56%
Dahlia		0.0000	1.90	84.12%	2.26	0.0000	0.0000	-0.0020	0.0234	0.0009	-0.0002	0.0221	0.0004	1.93	85.40%	2.26	0.0000	0.0000	-0.0036	0.0470	0.0063	-0.0007	0.0490	0.0006	1.96	86.63%	2.26	0.0000	0.0000	-0.0052	0.0699	0.0114	-0.0012	0.0749	0.0011	1.98	87.71%
Dairy		0.0391	1.72	49.49%	3.48	-0.0069	-0.0005	-0.0019	0.0007	0.0036	0.0035	-0.0015	0.0694	1.75	50.03%	3.50	-0.0136	-0.0009	-0.0036	0.0019	0.0075	0.0053	-0.0034	0.0834	1.76	50.73%	3.48	-0.0200	-0.0013	-0.0053	0.0034	0.0115	0.0070	-0.0047	0.0896	1.77	50.89%
Dairyman		0.0002	8.31	69.48%	11.96	-0.0016	-0.0114	-0.0129	0.0044	0.0005	0.0000	-0.0210	0.0019	8.29	69.35%	11.96	-0.0032	-0.0209	-0.0232	0.0095	0.0011	0.0001	-0.0366	0.0026	8.28	69.22%	11.96	-0.0047	-0.0311	-0.0339	0.0150	0.0020	0.0002	-0.0525	0.0046	8.26	69.09%
Dakota		0.0003	8.02	67.08%	11.96	-0.0034	-0.0265	-0.0324	0.0069	0.0004	-0.0002	-0.0552	0.3609	8.37	69.98%	11.96	-0.0068	-0.0487	-0.0591	0.0144	0.0010	-0.0003	-0.0995	0.4875	8.46	70.74%	11.96	-0.0104	-0.0725	-0.0836	0.0219	0.0018	-0.0004	-0.1432	0.5587	8.49	70.98%
Dalberg		0.0001	[redacted]			-0.0005	-0.0094	-0.0112	0.0322	0.0011	0.0000	0.0122	0.0020	[redacted]			-0.0011	-0.0195	-0.0201	0.0714	0.0029	0.0000	0.0336	0.0025	[redacted]			-0.0017	-0.0304	-0.0294	0.0982	0.0048	0.0000	0.0415	0.0028	[redacted]	
Daleside		0.2149	7.43	52.65%	14.12	-0.0013	-0.0040	-0.0219	0.0633	0.0011	-0.0028	0.0344	2.4512	9.80	69.43%	14.12	-0.0023	-0.0077	-0.0412	0.1294	0.0026	-0.0064	0.0744	2.4767	9.87	69.88%	14.12	-0.0034	-0.0116	-0.0602	0.1905	0.0051	-0.0094	0.1110	2.4932	9.91	70.22%
Dallas		0.0003	10.47	87.55%	11.96	-0.0109	-0.0173	-0.0351	0.0324	0.0014	-0.0011	-0.0306	0.0055	10.46	87.45%	11.96	-0.0213	-0.0326	-0.0613	0.0678	0.0031	-0.0021	-0.0464	0.0079	10.44	87.32%	11.96	-0.0321	-0.0489	-0.0880	0.1024	0.0060	-0.0030	-0.0636	0.0102	10.42	87.18%
Dalmatian		0.0001	7.91	66.17%	11.96	-0.0045	-0.0293	-0.0436	0.0074	0.0009	-0.0002	-0.0693	0.0008	6.80	56.87%	11.96	-0.0087	-0.0543	-0.0740	0.0168	0.0021	-0.0002	-0.1183	0.0008	6.75	56.43%	11.96	-0.0128	-0.0812	-0.1044	0.0272	0.0032	-0.0004	-0.1684	0.1787	6.88	57.56%
Dameral		0.0001	8.63	72.17%	11.96	-0.0039	-0.0087	-0.0172	0.0183	0.0005	-0.0003	-0.0113	0.0026	8.63	72.14%	11.96	-0.0074	-0.0164	-0.0321	0.0381	0.0015	-0.0006	-0.0169	0.0032	8.62	72.09%	11.96	-0.0111	-0.0246	-0.0468	0.0577	0.0029	-0.0008	-0.0227	0.0036	8.61	72.04%
Dana		0.0002	11.20	93.68%	11.96	-0.0280	-0.0115	-0.0251	0.0215	0.0012	-0.0002	-0.0421	0.0002	11.17	93.40%	11.96	-0.0506	-0.0213	-0.0479	0.0443	0.0031	-0.0004	-0.0728	0.0002	11.13	93.10%	11.96	-0.0753	-0.0318	-0.0704	0.0664	0.0059	-0.0006	-0.1058	0.0002	11.09	92.78%
Danby		0.0000	0.38	17.78%	2.12	-0.0065	-0.0004	-0.0024	0.0040	0.0002	-0.0006	-0.0057	0.0000	0.37	17.52%	2.12	-0.0128	-0.0007	-0.0044	0.0082	0.0005	-0.0020	-0.0112	0.0000	0.37	17.27%	2.12	-0.0189	-0.0011	-0.0063	0.0123	0.0009	-0.0032	-0.0163	0.0000	0.36	17.06%
Dandelion		0.0004	[redacted]			-0.0099	-0.0065	-0.0233	0.0461	0.0014	-0.0003	0.0075	0.0079	[redacted]			-0.0195	-0.0121	-0.0411	0.0940	0.0031	-0.0006	0.0238	0.0116	[redacted]			-0.0296	-0.0181	-0.0592	0.1394	0.0057	-0.0009	0.0373	0.0204	[redacted]	
Danes		0.0000	2.29	81.64%	2.80	-0.0008	-0.0010	-0.0034	0.0123	0.0007	-0.0003	0.0075	0.0000	2.30	81.98%	2.80	-0.0015	-0.0019	-0.0065	0.0251	0.0018	-0.0006	0.0164	0.0000	2.30	82.32%	2.80	-0.0022	-0.0029	-0.0096	0.0373	0.0034	-0.0009	0.0251	0.0000	2.31	82.64%
Dangerfield		1.8451	8.51	71.17%	11.96	-0.0120	-0.0002	-0.0052	0.0416	0.0011	0.0000	0.0253	1.8454	8.54	71.44%	11.96	-0.0210	-0.0003	-0.0116	0.0848	0.0026	0.0000	0.0545	1.8455	8.57	71.68%	11.96	-0.0309	-0.0005	-0.0181	0.1256	0.0052	0.0000	0.0813	1.9586	8.72	72.91%
Daniels		0.3839	8.90	54.99%	16.18	-0.0004	-0.0215	-0.0390	0.0026	0.0002	-0.0005	-0.0586	0.4814	8.95	87.47%	10.24	-0.0008	-0.0399	-0.0679	0.0054	0.0008	-0.0009	-0.1033	0.5194	8.95	87.40%	10.24	-0.0012	-0.0596	-0.0957	0.0081	0.0014	-0.0013	-0.1483	0.5447	8.92	87.19%
Danish	GNA_2023_13	0.2558	12.96	108.42%	11.96	-0.0126	-0.0006	-0.0132	0.0600	0.0022	-0.0013	0.0345	0.5648	11.32	94.65%	11.96	-0.0380	-0.0018	-0.0292	0.1151	0.0048	-0.0013	0.0496	0.8227	9.66	80.79%	11.96	-0.0654	-0.0031	-0.0443	0.1679	0.0085	-0.0013	0.0623	1.2597	10.41	87.07%
Danube		0.0000	[redacted]			-0.0081	-0.0201	-0.0303	0.0161	0.0008	-0.0018	-0.0434	0.0006	[redacted]			-0.0147	-0.0376	-0.0540	0.0355	0.0018	-0.0034	-0.0724	0.0006	[redacted]			-0.0222	-0.0564	-0.0787	0.0570	0.0034	-0.0049	-0.1018	0.0006	[redacted]	
Darby		0.0089	1.58	79.70%	1.98	-0.0006	-0.0001	-0.0024	0.0183	0.0007	-0.0002	0.0157	0.0137	1.60	80.83%	1.98	-0.0011	-0.0002	-0.0050	0.0373	0.0019	-0.0005	0.0324	0.0158	1.62	81.77%	1.98	-0.0016	-0.0003	-0.0076	0.0551	0.0033	-0.0008	0.0481	0.0281	1.65	83.18%
Daroca		0.0000	10.60	75.08%	14.12	-0.0068	-0.0236	-0.0362	0.0345	0.0010	-0.0018	-0.0329	0.0005	10.59	75.03%	14.12	-0.0106	-0.0374	-0.0661	0.0748	0.0029	-0.0037	-0.0401	0.0006	10.58	74.96%	14.12	-0.0150	-0.0521	-0.0954	0.1124	0.0057	-0.0056	-0.0500	0.0007	10.56	74.77%
Dart		0.0003	7.31	61.17%	11.96	-0.0072	-0.0153	-0.0292	0.0297	0.0009	-0.0006	-0.0217	0.0044	7.31	61.14%	11.96	-0.0133	-0.0285	-0.0503	0.0622	0.0020	-0.0012	-0.0291	0.0063	7.30	61.06%	11.96	-0.0197	-0.0427	-0.0718	0.0921	0.0038	-0.0017	-0.0400	0.0108	7.29	60.99%
Dartmouth		0.6771	5.84	48.83%	11.96	-0.0353	-0.0102	-0.0197	0.0162	0.0009	-0.0003	-0.0484	0.8557	6.00	50.18%	11.96	-0.0661	-0.0187	-0.0359	0.0395	0.0017	-0.0006	-0.0801	0.9166	6.05	50.58%	11.96	-0.0866	-0.0247	-0.0531	0.0643	0.0043	-0.0009	-0.0967	0.9581	6.07	50.78%
Darwin		0.0000	8.11	67.87%	11.96	-0.0151	-0.0242	-0.0299	0.0245	0.0007	-0.0001	-0.0441	0.0000	8.09	67.63%	11.96	-0.0284	-0.0450	-0.0526	0.0535	0.0018	-0.0001	-0.0708	0.0001	8.07	67.53%	11.96	-0.0392	-0.0614	-0.0750	0.0909	0.0033	-0.0002	-0.0816	0.0004	8.06	67.44%
Dashwood		0.0000	2.30	78.60%	2.93	-0.0036	-0.0001	-0.0020	0.0151	0.0005	0.0000	0.0099	0.0000	2.32	79.05%	2.93	-0.0064	-0.0002	-0.0041	0.0308	0.0016	0.0000	0.0217	0.0000	2.33	79.46%	2.93	-0.0098	-0.0003	-0.0062	0.0457	0.0033	0.0000	0.0327	0.0000	2.34	79.84%
Date		0.0122	3.21	32.99%	9.74	-0.0280	-0.0031	-0.0046	0.0029	0.0003	0.0001	-0.0324	0.0122	3.18	32.68%	9.74	-0.0534	-0.0057	-0.0088	0.0061	0.0009	0.0004	-0.0605	0.0122	3.15	32.38%	9.74	-0.0785	-0.0085	-0.0127	0.0094	0.0016	0.0006	-0.0881	0.0122	3.13	32.09%
Date Palm	GNA_2023_120	0.0004	10.29	86.09%	11.96	-0.0309	-0.0146	-0.0235	0.0111	0.0007	-0.0002	-0.0574	2.0617	10.09	84.40%	11.96	-0.0444	-0.0213	-0.0443	0.0294	0.0027	-0.0005	-0.0784	2.0644	10.07	84.25%	11.96	-0.0578	-0.0285	-0.0644	0.0485	0.0051	-0.0008	-0.0979	2.0708	10.06	84.15%
Davenport		0.0003	10.98	67.85%	16.18	-0.0168	-0.0050	-0.0172	0.1016	0.0011	-0.0011	0.0626	0.0049	11.10	68.59%	16.18	-0.0281	-0.0082	-0.0327	0.2368	0.0027	-0.0022	0.1683	0.0069	11.21	69.28%	16.18	-0.0396	-0.0116	-0.0473	0.3654	0.0048	-0.0033	0.2684	0.0356	11.34	70.08%
Davie		3.2783	15.49	95.77%	16.18	0.0000	0.0000	-0.0243	0.0423	0.0044	0.0000	0.0224	3.5788	15.84	97.93%	16.18	0.0000	0.0000	-0.0441	0.0912	0.0089	-0.0001	0.0559	3.6856	15.96	98.65%	16.18	-0.0001	-0.0030	-0.0676	0.1155	0.0156	-0.0005	0.0599	3.7988	16.07	99.37%
Dayton		0.0000	[redacted]			-0.0002	-0.0045	-0.0032	0.0008	0.0001	-0.0001	-0.0071	0.0000	[redacted]			-0.0004	-0.0085	-0.0058	0.0017	0.0002	-0.0003	-0.0131	0.0000	[redacted]			-0.0006	-0.0127	-0.0082	0.0026	0.0003	-0.0005	-0.0191	0.0000	[redacted]	
De Camp		0.0004	10.87	90.95%	11.96	-0.0043	-0.0035	-0.0246	0.0161	0.0013	-0.0012	-0.0162	0.0070	10.87	90.93%	11.96	-0.0077	-0.0065	-0.0455	0.0331	0.0036	-0.0027	-0.0257	0.0095	10.86	90.87%	11.96	-0.0113	-0.0097	-0.0663	0.0493	0.0070	-0.0042	-0.0352	0.0117	10.86	90.80%
De Mari		0.0000	2.26	144.80%	1.56	-0.0023	-0.0005	-0.0026	0.0100	0.0009	-0.0001	0.0054	0.0002	1.47	94.28%	1.56	-0.0044	-0.0009	-0.0056	0.0204	0.0022	-0.0002	0.0115	0.0003	1.48	94.72%	1.56	-0.0064	-0.0013	-0.0086	0.0303	0.0043	-0.0003	0.0180	0.0000	0.00	0.00%
Deacano		0.0002	[redacted]			-0.0043	-0.0237	-0.0289	0.0119	0.0003	-0.0001	-0.0448	0.0020	[redacted]			-0.0084	-0.0437	-0.0530	0.0250	0.0009	0.0000	-0.0792	0.0028	[redacted]			-0.0123	-0.0652	-0.0764	0.0385	0.0015	0.0001	-0.1138	0.0057	[redacted]	
Deacon		0.4474	8.84	73.92%	11.96	-0.0249	-0.0252	-0.0382	0.0120	0.0009	-0.0009	-0.0763	0.6770	9.02	75.48%	11.96	-0.0470	-0.0470	-0.0678	0.0248	0.0023	-0.0016	-0.1363	0.7573	9.05	75.68%	11.96	-0.0689	-0.0703	-0.0950	0.0374	0.0041	-0.0022	-0.1949	0.8055	9.04	75.58%
Dealer	GNA_2023_241	0.0003	9.53	79.67%	11.96	-0.0448	-0.0148	-0.0253	0.0145	0.0006	-0.0010	-0.0708	0.0058	9.45	79.07%	11.96	-0.0944	-0.0308	-0.0469	0.0306	0.0015	-0.0016	-0.1416	0.0084	9.38	78.46%	11.96	-0.1452	-0.0479	-0.0685	0.0504	0.0028	-0.0022	-0.2106	0.0127	9.31	77.90%
Deanna		0.0003	8.28	69.28%	11.96	-0.0166	-0.0072	-0.0145	0.0251	0.0007	-0.0001	-0.0126	0.0055	8.28	69.27%	11.96	-0.0295	-0.0138	-0.0286	0.0519	0.0017	-0.0002	-0.0185	0.0073	8.28	69.21%	11.96	-0.0448	-0.0208	-0.0425	0.0780	0.0039	-0.0003	-0.0265	0.0085	8.26	69.12%
Dearborn		0.2282	9.63	80.55%	11.96	-0.0127	-0.0278	-0.0424	0.0112	0.0006	-0.0016	-0.0727	0.2315	9.58	80.10%	11.96	-0.0228	-0.0521	-0.0721	0.0233	0.0011	-0.0031	-0.1257	0.2330	9.53	79.74%	11.96	-0.0299	-0.0685	-0.1029	0.0375	0.0026	-0.0044	-0.1656	0.2339	9.47	79.23%
Deauville		0.0000	[redacted]			0.0000	0.0000	-0.0010	0.0030	0.0006	-0.0001	0.0025	0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0061	0.0014	-0.0002	0.0056	0.0000	[redacted]			0.0000	0.0000	-0.0024	0.0091	0.0023	-0.0003	0.0087	0.0000	[redacted]	
Deborah		0.0001	7.05	43.59%	16.18	0.0000	0.0000	-0.0099	0.0553	0.0027	-0.0013	0.0468	0.0017	7.11	43.94%	16.18	0.0000	0.0000	-0.0193	0.1125	0.0092	-0.0026	0.0998	0.0022	7.16	44.26%	16.18	0.0000	0.0000	-0.0296	0.1686	0.0129	-0.0039	0.1480	0.0027	7.21	44.56%
Debug		0.1156	10.79	69.21%	15.59	-0.0020	-0.0302	-0.0476	0.0311	0.0008	0.0000	-0.0479	0.1583	10.81	69.33%	15.59	-0.0039	-0.0566	-0.0791	0.0650	0.0017	-0.0001	-0.0730	0.1743	10.80	69.27%	15.59	-0.0060	-0.0848	-0.1091	0.0992	0.0028	-0.0002	-0.0981	0.2635	10.89	69.85%
Decca		0.0000	2.64	90.26%	2.93	-0.0065	-0.0005	-0.0035	0.0243	0.0009	0.0000	0.0147	0.0000	2.66	90.92%	2.93	-0.0114	-0.0009	-0.0067	0.0497	0.0019	0.0000	0.0326	0.0000	2.68	91.53%	2.93	-0.0171	-0.0014	-0.0101	0.0738	0.0035	0.0000	0.0487	0.0000	2.70	92.04%
Decosta		0.0001	11.22	93.83%	11.96	-0.0123	-0.0054	-0.0176	0.0250	0.0009	-0.0005	-0.0099	0.0023	11.22	93.82%	11.96	-0.0216	-0.0101	-0.0346	0.0511	0.0028	-0.0009	-0.0133	0.0023	11.21	93.77%	11.96	-0.0321	-0.0151	-0.0515	0.0759	0.0053	-0.0013	-0.0188	0.0023	11.20	93.70%
Decoy		0.0000	9.31	77.85%	11.96	-0.0140	-0.0016	-0.0100	0.0410	0.0018	-0.0001	0.0171	0.0000	9.33	78.06%	11.96	-0.0247	-0.0030	-0.0204	0.0845	0.0056	-0.0002	0.0418	0.0000	9.36	78.25%	11.96	-0.0374	-0.0045	-0.0310	0.1244	0.0113	-0.0003	0.0625	0.0000	9.37	78.40%
Deeble		0.0000	1.77	60.56%	2.93	-0.0011	-0.0008	-0.0027	0.0037	0.0005	-0.0003	-0.0007	0.0000	1.77	60.56%	2.93	-0.0020	-0.0016	-0.0054	0.0075	0.0013	-0.0006	-0.0008	0.0000	1.77	60.56%	2.93	-0.0030	-0.0024	-0.0081	0.0111	0.0025	-0.0009	-0.0008	0.0000	1.77	60.56%
Deegan		0.0001	9.87	82.55%	11.96	-0.0151	-0.0023	-0.0067	0.0043	0.0016	0.0000	-0.0182	0.0016	9.85	82.42%	11.96	-0.0275	-0.0043	-0.0146	0.0088	0.0033	0.0000	-0.0343	0.0022	9.84	82.27%	11.96	-0.0400	-0.0065	-0.0225	0.0132	0.0048	0.0000	-0.0510	0.0037	9.82	82.15%
Deep Canyon		0.0000	[redacted]			-0.0062	-0.0073	-0.0225	0.0071	0.0004	0.0000	-0.0285	0.0000	[redacted]			-0.0116	-0.0133	-0.0403	0.0145	0.0014	0.0000	-0.0493	0.0000	[redacted]			-0.0169	-0.0198	-0.0575	0.0216	0.0027	0.0000	-0.0699	0.0000	[redacted]	
Deep Creek		0.0004	6.36	53.23%	11.96	-0.0159	-0.0118	-0.0370	0.0069	0.0008	-0.0003	-0.0573	0.0053	6.33	52.90%	11.96	-0.0279	-0.0219	-0.0639	0.0141	0.0019	-0.0006	-0.0983	0.0074	6.28	52.54%	11.96	-0.0415	-0.0327	-0.0887	0.0211	0.0032	-0.0009	-0.1395	0.0109	6.24	52.18%
Deer		0.0000	5.78	69.26%	8.35	-0.0249	-0.0121	-0.0125	0.0091	0.0003	-0.0003	-0.0404	0.0000	5.75	68.83%	8.35	-0.0486	-0.0220	-0.0244	0.0194	0.0011	-0.0004	-0.0749	0.0000	5.71	68.40%	8.35	-0.0723	-0.0326	-0.0369	0.0302	0.0023	-0.0005	-0.1098	0.0000	5.67	67.98%
Deerfield		0.0000	13.27	92.86%	14.29	-0.0079	-0.0157	-0.0270	0.0567	0.0014	-0.0010	0.0065	0.0000	13.29	93.00%	14.29	-0.0145	-0.0295	-0.0533	0.1206	0.0036	-0.0019	0.0250	0.0000	13.32	93.16%	14.29	-0.0215	-0.0443	-0.0796	0.1869	0.0069	-0.0028	0.0456	0.0000	13.34	93.34%
Deeter		0.0001	8.60	71.96%	11.96	-0.0128	-0.0065	-0.0198	0.0135	0.0007	-0.0011	-0.0260	0.0016	8.59	71.81%	11.96	-0.0222	-0.0124	-0.0373	0.0275	0.0027	-0.0020	-0.0437	0.0021	8.57	71.65%	11.96	-0.0331	-0.0187	-0.0535	0.0408	0.0047	-0.0029	-0.0627	0.0026	8.55	71.47%
Deigaard		0.0000	[redacted]			0.0000	0.0000	-0.0004	0.0075	0.0019	-0.0001	0.0089	0.0001	[redacted]			0.0000	0.0000	-0.0008	0.0152	0.0038	-0.0002	0.0180	0.0001	[redacted]			0.0000	0.0000	-0.0011	0.0230	0.0057	-0.0003	0.0273	0.0002	[redacted]	
Del Carbon		0.0002	7.75	73.34%	10.57	-0.0137	-0.0018	-0.0099	0.1196	0.0010	-0.0002	0.0950	0.0002	7.86	74.41%	10.57	-0.0250	-0.0034	-0.0208	0.2450	0.0024	-0.0004	0.1978	0.0002	7.97	75.41%	10.57	-0.0367	-0.0051	-0.0319	0.3629	0.0047	-0.0006	0.2933	0.0002	8.06	76.32%
Del Juan		0.0000	2.49	81.74%	3.04	-0.0042	-0.0004	-0.0031	0.0031	0.0002	-0.0004	-0.0048	0.0000	2.49	81.75%	3.04	-0.0046	-0.0004	-0.0054	0.0063	0.0014	-0.0020	-0.0047	0.0000	2.49	81.66%	3.04	-0.0083	-0.0008	-0.0083	0.0100	0.0027	-0.0028	-0.0075	0.0000	2.48	81.58%
Del Mar		0.0000	2.56	91.55%	2.80	-0.0025	-0.0001	-0.0021	0.0089	0.0006	-0.0001	0.0047	0.0000	2.57	87.81%	2.93	-0.0033	-0.0001	-0.0044	0.0195	0.0017	-0.0005	0.0129	0.0000	2.58	88.10%	2.93	-0.0042	-0.0001	-0.0067	0.0295	0.0033	-0.0009	0.0209	0.0000	2.59	88.28%
Del Rey		0.0000	1.26	64.38%	1.95	0.0000	0.0000	-0.0009	0.0338	0.0017	-0.0003	0.0343	0.0001	1.30	66.35%	1.95	0.0000	0.0000	-0.0018	0.0687	0.0044	-0.0009	0.0704	0.0001	1.33	68.27%	1.95	0.0000	0.0000	-0.0028	0.1026	0.0075	-0.0015	0.1058	0.0000	0.00	0.00%
Delarro		0.0313	1.83	62.32%	2.93	-0.0009	-0.0015	-0.0040	0.0029	0.0005	-0.0002	-0.0032	0.0360	1.83	62.42%	2.93	-0.0016	-0.0029	-0.0075	0.0059	0.0013	-0.0004	-0.0052	0.0368	1.83	62.37%	2.93	-0.0024	-0.0044	-0.0110	0.0087	0.0025	-0.0006	-0.0072	0.0373	1.83	62.32%
Delaware		0.8792	9.84	75.16%	13.09	-0.0022	-0.0273	-0.0452	0.0332	0.0009	-0.0002	-0.0408	0.8809	9.81	74.98%	13.09	-0.0043	-0.0504	-0.0806	0.0694	0.0021	-0.0003	-0.0641	0.8820	9.79	74.78%	13.09	-0.0065	-0.0759	-0.1138	0.1044	0.0029	-0.0003	-0.0892	0.9382	9.82	75.02%
Delco		0.0000	5.07	57.59%	8.80	-0.0064	-0.0043	-0.0095	0.0207	0.0006	-0.0001	0.0010	0.0000	5.08	57.64%	8.80	-0.0122	-0.0082	-0.0180	0.0427	0.0016	-0.0002	0.0057	0.0000	5.08	57.70%	8.80	-0.0183	-0.0124	-0.0261	0.0640	0.0034	-0.0003	0.0103	0.0000	5.08	57.74%
Delford		0.0000	11.76	72.72%	16.18	-0.0040	-0.0155	-0.0149	0.0277	0.0028	-0.0002	-0.0041	0.0000	11.76	72.72%	16.18	-0.0073	-0.0287	-0.0296	0.0572	0.0050	-0.0004	-0.0038	0.0000	11.76	72.71%	16.18	-0.0112	-0.0433	-0.0440	0.0858	0.0080	-0.0006	-0.0053	0.0000	11.76	72.71%
Delhi		0.0000	[redacted]			-0.0048	-0.0189	-0.0369	0.0224	0.0004	-0.0007	-0.0385	0.0000	[redacted]			-0.0094	-0.0349	-0.0651	0.0462	0.0014	-0.0013	-0.0631	0.0000	[redacted]			-0.0142	-0.0521	-0.0924	0.0693	0.0027	-0.0019	-0.0886	0.0000	[redacted]	
Delid		0.0000	1.76	77.95%	2.26	-0.0006	-0.0005	-0.0035	0.0191	0.0007	-0.0008	0.0144	0.0000	1.79	79.17%	2.26	-0.0006	-0.0005	-0.0049	0.0444	0.0031	-0.0008	0.0407	0.0000	1.81	80.38%	2.26	-0.0006	-0.0005	-0.0063	0.0690	0.0063	-0.0008	0.0671	0.0000	1.83	80.97%
Deloro		0.0004	10.46	87.51%	11.96	-0.0325	-0.0060	-0.0184	0.0130	0.0018	-0.0002	-0.0423	0.0041	10.46	87.48%	11.96	-0.0395	-0.0074	-0.0347	0.0325	0.0039	-0.0033	-0.0485	0.0048	10.43	87.19%	11.96	-0.0677	-0.0130	-0.0518	0.0476	0.0072	-0.0034	-0.0811	0.0048	10.39	86.88%
Delta		0.0004	[redacted]			-0.0090	-0.0414	-0.0381	0.0045	0.0005	-0.0001	-0.0836	0.0061	[redacted]			-0.0168	-0.0750	-0.0783	0.0098	0.0014	-0.0007	-0.1596	0.0089	[redacted]			-0.0249	-0.1112	-0.1167	0.0155	0.0035	-0.0007	-0.2345	0.0154	[redacted]	
Deluz		0.0001	1.73	88.36%	1.96	-0.0252	-0.0003	-0.0015	0.0040	0.0002	0.0000	-0.0228	0.0014	1.71	87.34%	1.96	-0.0476	-0.0006	-0.0030	0.0083	0.0006	-0.0001	-0.0424	0.0020	1.69	86.25%	1.96	-0.0706	-0.0009	-0.0044	0.0124	0.0012	-0.0002	-0.0625	0.0120	1.69	86.17%
Demaree		0.0000	10.29	86.10%	11.96	-0.0119	-0.0171	-0.0335	0.0080	0.0005	-0.0009	-0.0549	0.0000	10.25	85.73%	11.96	-0.0210	-0.0319	-0.0603	0.0168	0.0018	-0.0017	-0.0963	0.0000	10.21	85.36%	11.96	-0.0307	-0.0478	-0.0867	0.0257	0.0042	-0.0026	-0.1379	0.0000	10.16	84.99%
Denise		0.0001	8.70	72.79%	11.96	-0.0167	-0.0077	-0.0179	0.0267	0.0007	-0.0002	-0.0151	0.0017	8.70	72.74%	11.96	-0.0296	-0.0144	-0.0350	0.0552	0.0019	-0.0004	-0.0223	0.0028	8.69	72.66%	11.96	-0.0447	-0.0216	-0.0519	0.0829	0.0036	-0.0005	-0.0322	0.0045	8.71	72.81%
Denker		0.0000	0.03	1.01%	2.93	0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0035	0.0000	0.03	1.14%	2.93	0.0000	0.0000	0.0000	0.0071	0.0000	0.0000	0.0071	0.0000	0.04	1.27%	2.93	0.0000	0.0000	0.0000	0.0108	0.0000	0.0000	0.0108	0.0000	0.04	1.40%
Dennis		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Dental		0.0000	[redacted]			-0.0229	-0.0047	-0.0110	0.0161	0.0007	-0.0001	-0.0219	0.0000	[redacted]			-0.0407	-0.0086	-0.0216	0.0333	0.0018	-0.0002	-0.0360	0.0000	[redacted]			-0.0609	-0.0128	-0.0321	0.0502	0.0034	-0.0003	-0.0525	0.0000	[redacted]	
Denver		0.0000	[redacted]			0.0000	0.0000	-0.0056	0.0105	0.0012	-0.0002	0.0059	0.0002	[redacted]			0.0000	0.0000	-0.0114	0.0215	0.0028	-0.0004	0.0125	0.0003	[redacted]			0.0000	0.0000	-0.0171	0.0321	0.0046	-0.0006	0.0190	0.0004	[redacted]	
Deodara		0.0002	[redacted]			-0.0040	-0.0177	-0.0233	0.0115	0.0006	-0.0016	-0.0345	0.0002	[redacted]			-0.0078	-0.0330	-0.0441	0.0237	0.0015	-0.0030	-0.0627	0.0002	[redacted]			-0.0118	-0.0495	-0.0649	0.0356	0.0028	-0.0044	-0.0922	0.0002	[redacted]	

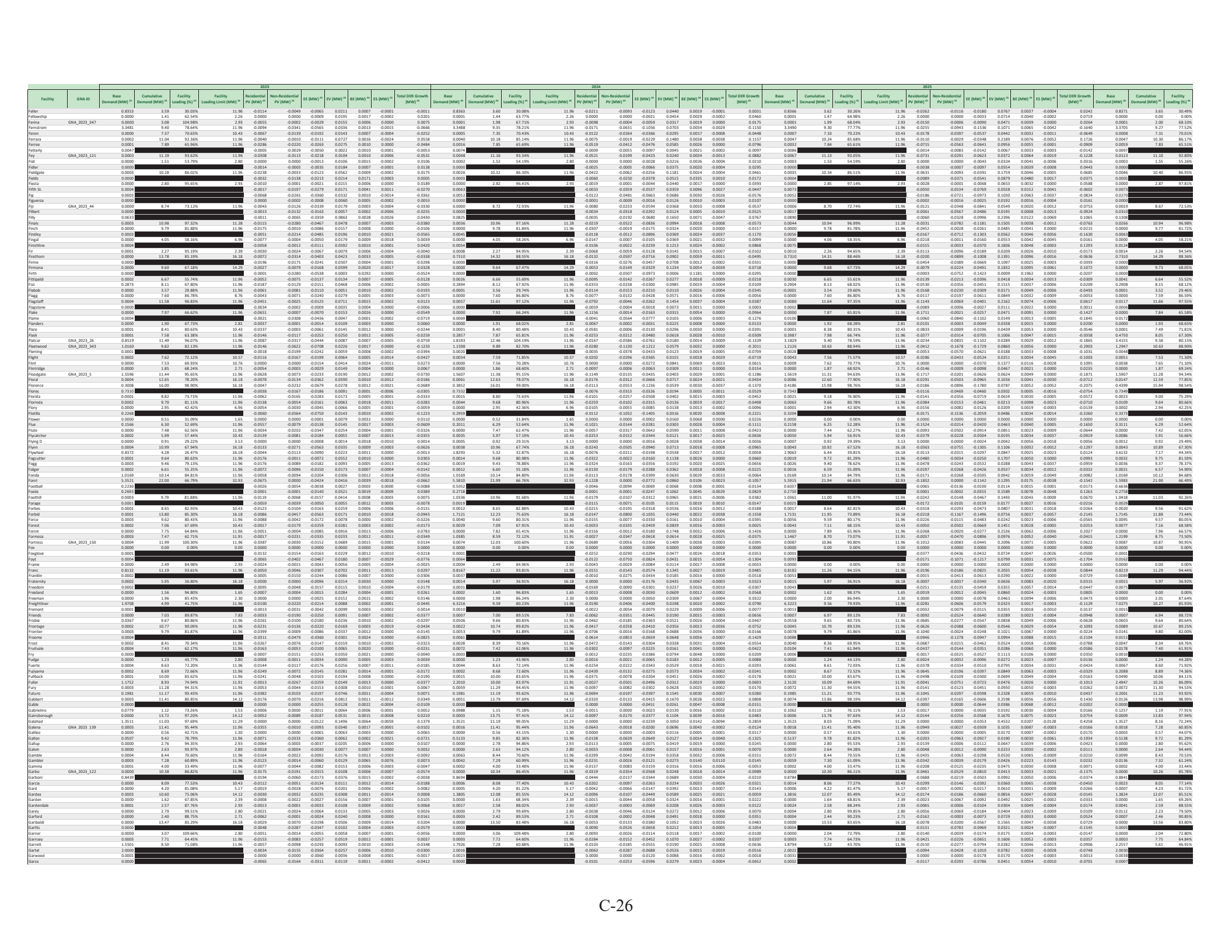
2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.39	-0.0146	-0.0048	-0.0155	0.0129	0.0049	-0.0008	-0.0179	0.0000	2.19	91.52%	2.39	-0.0191	-0.0061	-0.0192	0.0155	0.0074	-0.0010	-0.0225	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.02	-0.0461	-0.0670	-0.1259	0.1557	0.0069	-0.0002	-0.0766	0.0205	6.16	68.23%	9.02	-0.0609	-0.0856	-0.1507	0.1997	0.0092	-0.0003	-0.0886	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0170	-0.0507	-0.0643	0.0514	0.0047	-0.0004	-0.0763	0.0003	7.32	61.20%	11.96	-0.0222	-0.0644	-0.0763	0.0636	0.0077	-0.0005	-0.0921	2.73	2.67	2.67	2.67	2.67	455.00%	445.00%	445.00%	445.00%	445.00%
11.96	-0.0235	-0.0149	-0.0664	0.2895	0.0327	-0.0034	0.2140	0.0000	11.30	94.51%	11.96	-0.0235	-0.0149	-0.0785	0.3517	0.0488	-0.0048	0.2788	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0266	0.0000	-0.0861	0.3958	0.0872	-0.0093	0.3610	0.1249	[redacted]			-0.0398	0.0000	-0.1150	0.4674	0.1094	-0.0143	0.4077	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0433	-0.0480	-0.1097	0.3692	0.0054	-0.0019	0.1717	9.2038	13.97	86.37%	16.18	-0.0525	-0.0589	-0.1340	0.4563	0.0084	-0.0024	0.2169	0.00	0.00	0.00	2.80	5.70	0.00%	0.00%	0.00%	17.28%	35.19%
[redacted]	-0.0040	-0.0325	-0.0273	0.0029	0.0022	0.0000	-0.0587	2.4299	[redacted]			-0.0048	-0.0413	-0.0333	0.0038	0.0030	0.0000	-0.0726	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0488	-0.0151	-0.0542	0.1131	0.0073	-0.0021	0.0002	0.0126	[redacted]			-0.0536	-0.0166	-0.0664	0.1401	0.0112	-0.0035	0.0112	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0012	-0.0016	-0.0148	0.0519	0.0048	-0.0011	0.0380	0.0005	1.52	63.79%	2.39	-0.0012	-0.0016	-0.0176	0.0628	0.0071	-0.0014	0.0481	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0025	-0.0011	-0.0169	0.0576	0.0074	-0.0018	0.0427	0.0000	2.75	93.85%	2.93	-0.0025	-0.0011	-0.0202	0.0751	0.0107	-0.0022	0.0598	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0197	-0.0545	-0.0561	0.0625	0.0073	-0.0007	-0.0612	0.6612	7.18	50.84%	14.12	-0.0260	-0.0691	-0.0696	0.0829	0.0095	-0.0008	-0.0731	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0074	-0.1100	-0.0846	0.0089	0.0015	-0.0001	-0.1917	0.1556	[redacted]			-0.0090	-0.1401	-0.0998	0.0111	0.0016	-0.0001	-0.2363	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0450	-0.0270	-0.0627	0.1021	0.0079	-0.0028	-0.0275	0.5421	10.36	86.61%	11.96	-0.0555	-0.0334	-0.0756	0.1252	0.0121	-0.0035	-0.0307	0.00	0.00	0.00	0.00	0.24	0.00%	0.00%	0.00%	0.00%	2.37%
2.14	-0.0009	-0.0006	-0.0079	0.0626	0.0099	-0.0009	0.0622	0.0000	1.79	83.66%	2.14	-0.0009	-0.0006	-0.0093	0.0763	0.0139	-0.0012	0.0782	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0788	-0.0221	-0.0558	0.0543	0.0067	-0.0001	-0.0958	0.0119	8.87	74.15%	11.96	-0.0951	-0.0281	-0.0686	0.0671	0.0108	-0.0002	-0.1141	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0310	-0.0020	-0.0555	0.4733	0.0093	-0.0052	0.3889	0.0663	14.94	92.35%	16.18	-0.0361	-0.0023	-0.0683	0.5761	0.0146	-0.0074	0.4766	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0116	-0.0519	-0.0761	0.1971	0.0203	-0.0012	0.0766	0.0134	9.52	79.91%	11.91	-0.0142	-0.0658	-0.0937	0.2406	0.0291	-0.0015	0.0945	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0752	-0.0177	-0.0743	0.3505	0.0093	0.0000	0.1926	0.0027	13.13	81.18%	16.18	-0.0953	-0.0225	-0.0901	0.4292	0.0125	0.0000	0.2338	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0301	-0.0204	-0.0657	0.0441	0.0096	-0.0017	-0.0642	0.0000	[redacted]			-0.0388	-0.0259	-0.0803	0.0536	0.0139	-0.0021	-0.0796	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0302	-0.0235	-0.0494	0.0999	0.0065	-0.0021	0.0012	0.0516	7.75	64.85%	11.96	-0.0378	-0.0299	-0.0601	0.1223	0.0096	-0.0026	0.0015	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0067	-0.0471	-0.0489	0.0415	0.0010	0.0014	-0.0588	0.0054	7.93	66.31%	11.96	-0.0067	-0.0471	-0.0535	0.0582	0.0011	0.0025	-0.0455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.39	-0.0054	-0.0034	-0.0100	0.0114	0.0026	-0.0004	-0.0052	0.0158	2.15	63.21%	3.39	-0.0065	-0.0043	-0.0123	0.0137	0.0039	-0.0005	-0.0060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0015	-0.0011	-0.0184	0.0327	0.0065	-0.0013	0.0169	0.0000	2.76	98.66%	2.80	-0.0015	-0.0011	-0.0218	0.0392	0.0096	-0.0015	0.0229	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0446	-0.0290	-0.0778	0.1033	0.0093	-0.0025	-0.0413	0.0307	9.54	79.77%	11.96	-0.0634	-0.0415	-0.0947	0.1276	0.0133	-0.0032	-0.0619	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0397	-0.0334	-0.0967	0.2980	0.0116	-0.0048	0.1350	0.0001	9.75	81.50%	11.96	-0.0461	-0.0387	-0.1183	0.3604	0.0167	-0.0075	0.1665	1.92	1.64	1.67	1.67	1.67	319.93%	273.27%	277.51%	277.51%	277.51%
11.96	-0.2791	-0.0322	-0.0698	0.3725	0.0194	0.0001	0.0109	0.3122	9.50	79.49%	11.96	-0.3640	-0.0409	-0.0849	0.4611	0.0310	0.0002	0.0025	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0255	-0.0004	-0.0077	0.1157	0.0042	-0.0001	0.0862	0.0000	2.49	84.89%	2.93	-0.0331	-0.0005	-0.0093	0.1412	0.0073	-0.0001	0.1055	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0227	-0.0267	-0.0966	0.0610	0.0057	-0.0011	-0.0804	0.0043	[redacted]			-0.0279	-0.0333	-0.1180	0.0741	0.0084	-0.0014	-0.0981	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1795	0.0000	-0.0751	0.0805	0.0148	-0.0016	-0.1609	0.0000	[redacted]			-0.2209	0.0000	-0.0919	0.0990	0.0221	-0.0020	-0.1937	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	0.0000	0.0000	-0.0816	0.4782	0.0241	-0.0018	0.4189	0.6157	13.83	85.48%	16.18	0.0000	0.0000	-0.0993	0.5927	0.0322	-0.0022	0.5234	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0007	0.0000	0.0000	0.0025	0.0000	0.0000	0.0018	0.0001	7.89	66.00%	11.96	-0.0008	0.0000	0.0000	0.0031	0.0000	0.0000	0.0023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0408	-0.0338	-0.0996	0.0630	0.0058	-0.0038	-0.1092	0.0384	11.49	96.08%	11.96	-0.0521	-0.0439	-0.1222	0.0766	0.0091	-0.0046	-0.1371	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0066	-0.0070	-0.0062	0.0182	0.0090	-0.0036	0.0038	1.5019	[redacted]			-0.0097	-0.0109	-0.0079	0.0230	0.0108	-0.0038	0.0015	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1170	-0.0030	-0.0241	0.0586	0.0070	-0.0001	-0.0786	0.0000	7.37	61.62%	11.96	-0.1450	-0.0038	-0.0297	0.0714	0.0106	-0.0002	-0.0967	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0564	-0.0337	-0.0647	0.1603	0.0067	-0.0014	0.0108	0.0233	8.12	67.93%	11.96	-0.0753	-0.0446	-0.0792	0.1955	0.0099	-0.0018	0.0045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0248	-0.0631	-0.1375	0.1899	0.0052	-0.0068	-0.0371	0.0023	13.33	82.40%	16.18	-0.0322	-0.0831	-0.1668	0.2282	0.0079	-0.0080	-0.0540	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.09	0.0000	0.0000	-0.0028	0.0050	0.0171	-0.0005	0.0188	0.0011	0.93	44.65%	2.09	0.0000	0.0000	-0.0035	0.0061	0.0219	-0.0006	0.0239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0141	-0.0723	-0.1041	0.0216	0.0038	-0.0018	-0.1669	0.1981	[redacted]			-0.0182	-0.0920	-0.1259	0.0263	0.0056	-0.0022	-0.2064	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0253	-0.0683	-0.1091	0.0868	0.0057	-0.0034	-0.1136	0.0000	[redacted]			-0.0331	-0.0869	-0.1327	0.1072	0.0082	-0.0042	-0.1415	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1530	-0.0920	-0.0754	0.0629	0.0078	-0.0005	-0.2502	0.0610	9.99	83.58%	11.96	-0.1889	-0.1167	-0.0920	0.0796	0.0114	-0.0007	-0.3073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0087	-0.0862	-0.1067	0.0495	0.0096	-0.0005	-0.1430	2.3643	[redacted]			-0.0103	-0.1045	-0.1289	0.0609	0.0128	-0.0008	-0.1708	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0306	-0.0587	-0.0957	0.1587	0.0100	-0.0040	-0.0203	0.0000	9.92	82.93%	11.96	-0.0376	-0.0746	-0.1151	0.1970	0.0163	-0.0050	-0.0190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0099	-0.0121	-0.0115	0.0203	0.0057	-0.0005	-0.0080	0.0038	1.65	15.83%	10.43	-0.0124	-0.0154	-0.0141	0.0256	0.0078	-0.0007	-0.0092	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0060	-0.0424	-0.0905	0.0391	0.0030	-0.0013	-0.0981	0.8437	8.66	72.44%	11.96	-0.0077	-0.0580	-0.1066	0.0464	0.0047	-0.0014	-0.1226	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.52	0.0000	0.0000	-0.0473	0.2424	0.0157	-0.0046	0.2062	0.0003	10.65	92.42%	11.52	-0.0277	-0.0058	-0.0634	0.2874	0.0211	-0.0047	0.2069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0076	-0.0754	-0.0454	0.0030	0.0073	0.0005	-0.1176	7.7281	[redacted]			-0.0091	-0.0946	-0.0543	0.0038	0.0086	0.0007	-0.1449	0.00	0.15	0.24	0.00	0.00	[redacted]				
[redacted]	-0.0024	-0.0968	-0.1021	0.0097	0.0045	0.0000	-0.1871	0.0010	[redacted]			-0.0029	-0.1233	-0.1212	0.0121	0.0045	0.0000	-0.2308	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0023	-0.0107	-0.0837	0.1043	0.0212	-0.0007	0.0281	9.5497	[redacted]			-0.0033	-0.0164	-0.1057	0.1314	0.0210	-0.0011	0.0259	1.02	1.17	1.24	1.57	1.94	[redacted]				
2.39	-0.0067	-0.0026	-0.0069	0.0211	0.0046	-0.0001	0.0094	0.0350	2.26	94.58%	2.39	-0.0079	-0.0031	-0.0083	0.0261	0.0069	-0.0002	0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0215	-0.0157	-0.0328	0.0284	0.0117	0.0005	-0.0294	0.0000	[redacted]			-0.0258	-0.0195	-0.0396	0.0353	0.0149	0.0004	-0.0343	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0004	0.0085	0.0008	-0.0001	0.0088	0.0305	[redacted]			0.0000	0.0000	-0.0005	0.0102	0.0008	-0.0001	0.0104	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0321	-0.0285	-0.0658	0.2449	0.0174	0.0072	0.1431	0.0000	[redacted]			-0.0394	-0.0362	-0.0836	0.3050	0.0221	0.0088	0.1767	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0614	-0.0333	-0.0848	0.0472	0.0110	-0.0023	-0.1236	0.0113	10.52	87.96%	11.96	-0.0797	-0.0430	-0.1035	0.0580	0.0161	-0.0028	-0.1549	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0227	-0.1206	-0.1652	0.0735	0.0055	-0.0035	-0.2330	0.4504	11.17	93.78%	11.91	-0.0294	-0.1533	-0.2018	0.0945	0.0076	-0.0043	-0.2867	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1132	-0.0266	-0.0686	0.2710	0.0084	-0.0007	0.0703	0.0062	10.49	87.70%	11.96	-0.1446	-0.0338	-0.0809	0.3318	0.0138	-0.0008	0.0855	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0063	-0.1322	-0.1235	0.0216	0.0037	-0.0008	-0.2375	0.0269	8.24	68.92%	11.96	-0.0077	-0.1683	-0.1478	0.0269	0.0050	-0.0010	-0.2929	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0163	-0.0528	-0.0898	0.5581	0.0116	-0.0035	0.4073	0.0978	13.24	93.78%	14.12	-0.0200	-0.0650	-0.1118	0.6802	0.0174	-0.0046	0.4962	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0209	-0.0276	-0.0556	0.2624	0.0054	-0.0016	0.1621	0.0167	7.11	59.43%	11.96	-0.0258	-0.0351	-0.0681	0.3178	0.0079	-0.0020	0.1947	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0100	0.0396	0.0041	-0.0008	0.0329	0.0000	1.49	51.01%	2.93	0.0000	0.0000	-0.0122	0.0487	0.0059	-0.0010	0.0414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0031	-0.0854	-0.1369	0.0298	0.0033	0.0000	-0.1923	0.0000	[redacted]			-0.0039	-0.1085	-0.1668	0.0373	0.0046	0.0000	-0.2373	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0501	-0.1372	-0.1021	0.0833	0.0046	-0.0086	-0.2101	0.0058	9.24	77.29%	11.96	-0.0626	-0.1742	-0.1245	0.1032	0.0067	-0.0107	-0.2621	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.30	-0.0036	-0.0004	-0.0031	0.0086	0.0043	0.0000	0.0058	0.0033	1.24	95.52%	1.30	-0.0048	-0.0005	-0.0038	0.0103	0.0061	0.0000	0.0073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.67	-0.0541	-0.1119	-0.1180	0.1042	0.0068	-0.0018	-0.1748	0.0005	8.78	90.77%	9.67	-0.0670	-0.1403	-0.1413	0.1300	0.0094	-0.0015	-0.2107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.66	-0.0053	-0.0012	-0.0097	0.0916	0.0081	-0.0021	0.0814	0.0015	1.84	69.29%	2.66	-0.0069	-0.0015	-0.0118	0.1097	0.0119	-0.0028	0.0986	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0072	0.0919	0.0142	-0.0015	0.0974	0.0022	2.00	88.77%	2.26	0.0000	0.0000	-0.0091	0.1124	0.0173	-0.0018	0.1188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.48	-0.0258	-0.0018	-0.0069	0.0051	0.0154	0.0085	-0.0055	0.0896	1.77	50.90%	3.48	-0.0311	-0.0023	-0.0084	0.0068	0.0197	0.0101	-0.0052	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0061	-0.0420	-0.0434	0.0205	0.0021	0.0002	-0.0687	0.0120	8.25	69.01%	11.96	-0.0073	-0.0535	-0.0521	0.0260	0.0022	0.0003	-0.0844	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0138	-0.0978	-0.1083	0.0290	0.0030	-0.0006	-0.1885	0.5587	8.44	70.56%	11.96	-0.0170	-0.1245	-0.1324	0.0359	0.0044	-0.0008	-0.2344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0021	-0.0393	-0.0370	0.1185	0.0049	0.0000	0.0450	0.0035	[redacted]			-0.0025	-0.0487	-0.0441	0.1535	0.0049	0.0000	0.0631	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0046	-0.0156	-0.0795	0.2441	0.0087	-0.0123	0.1408	2.4939	9.94	70.42%	14.12	-0.0059	-0.0198	-0.0975	0.2932	0.0123	-0.0154	0.1669	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0426	-0.0659	-0.1136	0.1346	0.0101	-0.0039	-0.0813	0.0145	10.42	87.16%	11.96	-0.0493	-0.0778	-0.1391	0.1675	0.0155	-0.0051	-0.0883	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0166	-0.1096	-0.1334	0.0381	0.0046	-0.0005	-0.2174	0.8538	7.57	63.29%	11.96	-0.0185	-0.1256	-0.1553	0.0484	0.0072	0.0014	-0.2424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0149	-0.0332	-0.0613	0.0760	0.0051	-0.0011	-0.0294	0.0045	8.61	71.98%	11.96	-0.0187	-0.0422	-0.0758	0.0933	0.0078	-0.0014	-0.0370	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1019	-0.0429	-0.0909	0.0866	0.0097	-0.0008	-0.1402	0.0002	11.05	92.39%	11.96	-0.1340	-0.0564	-0.1106	0.1038	0.0147	-0.0009	-0.1834	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.12	-0.0245	-0.0015	-0.0080	0.0160	0.0013	-0.0043	-0.0210	0.0000	0.36	16.85%	2.12	-0.0296	-0.0019	-0.0095	0.0192	0.0018	-0.0055	-0.0255	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0393	-0.0244	-0.0766	0.1799	0.0098	-0.0012	0.0482	0.0385	[redacted]			-0.0486	-0.0310	-0.0940	0.2165	0.0143	-0.0015	0.0557	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0029	-0.0039	-0.0128	0.0482	0.0058	-0.0012	0.0332	0.0000	2.32	82.92%	2.80	-0.0036	-0.0050	-0.0157	0.0580	0.0082	-0.0015	0.0404	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0414	-0.0007	-0.0238	0.1620	0.0085	0.0000	0.1046	2.5026	9.32	77.91%	11.96	-0.0598	-0.0010	-0.0278	0.1907	0.0132	0.0000	0.1153	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.24	-0.0016	-0.0813	-0.1218	0.0103	0.0024	-0.0014	-0.1934	0.5461	8.88	86.72%	10.24	-0.0020	-0.1041	-0.1465	0.0125	0.0032	-0.0014	-0.2383	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0764	-0.0036	-0.0567	0.2208	0.0136	-0.0043	0.0934	1.2756	10.46	87.46%	11.96	-0.0877	-0.0042	-0.0687	0.2678	0.0205	-0.0080	0.1197	0.00	0.00	0.00	20.98	21.16	0.00%	0.00%	0.00%	201.54%	202.29%
[redacted]	-0.0304	-0.0761	-0.1005	0.0790	0.0055	-0.0064	-0.1289	0.0006	[redacted]			-0.0397	-0.0968	-0.1214	0.1003	0.0081	-0.0080	-0.1575	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.98	-0.0021	-0.0004	-0.0101	0.0709	0.0056	-0.0011	0.0628	0.0767	1.71	86.43%	1.98	-0.0026	-0.0005	-0.0124	0.0849	0.0079	-0.0014	0.0759	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0224	-0.0757	-0.1258	0.1471	0.0097	-0.0071	-0.0742	0.0009	10.56	74.78%	14.12	-0.0245	-0.0818	-0.1530	0.1826	0.0141	-0.0109	-0.0735	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0261	-0.0576	-0.0922	0.1189	0.0063	-0.0022	-0.0529	0.0219	7.29	60.95%	11.96	-0.0329	-0.0744	-0.1110	0.1432	0.0091	-0.0022	-0.0682	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1171	-0.0344	-0.0679	0.0979	0.0067	-0.0012	-0.1160	0.9581	6.05	50.62%	11.96	-0.1464	-0.0446	-0.0823	0.1312	0.0102	-0.0015	-0.1334	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0505	-0.0787	-0.0977	0.1283	0.0059	-0.0003	-0.0930	0.0015	8.04	67.24%	11.96	-0.0668	-0.1034	-0.1155	0.1605	0.0099	-0.0004	-0.1157	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0138	-0.0004	-0.0079	0.0591	0.0059	0.0000	0.0429	0.0000	2.35	80.17%	2.93	-0.0185	-0.0005	-0.0095	0.0712	0.0092	0.0000	0.0519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.74	-0.1025	-0.0115	-0.0168	0.0125	0.0028	0.0008	-0.1147	0.0122	3.10	31.83%	9.74	-0.1251	-0.0147	-0.0203	0.0156	0.0043	0.0010	-0.1392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0707	-0.0361	-0.0836	0.0671	0.0085	-0.0011	-0.1159	2.0870	10.06	84.13%	11.96	-0.0830	-0.0441	-0.1024	0.0845	0.0128	-0.0014	-0.1336	0.87	0.76	0.65	0.65	0.65	9.25%	8.15%	6.91%	6.91%	6.91%
16.18	-0.0506	-0.0152	-0.0612	0.4806	0.0080	-0.0044	0.3572	0.2086	11.61	71.79%	16.18	-0.0611	-0.0189	-0.0748	0.5848	0.0123	-0.0055	0.4368	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0002	-0.0061	-0.0892	0.1342	0.0200	-0.0009	0.0578	3.9572	14.04	86.76%	16.18	-0.0002	-0.0061	-0.1028	0.1752	0.0217	-0.0011	0.0867	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0173	-0.0107	0.0035	0.0003	-0.0006	-0.0256	0.0000	[redacted]			-0.0010	-0.0220	-0.0131	0.0044	0.0003	-0.0007	-0.0321	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0151	-0.0131	-0.0853	0.0639	0.0105	-0.0057	-0.0448	0.0162	10.85	90.75%	11.96	-0.0192	-0.0166	-0.1039	0.0770	0.0150	-0.0073	-0.0550	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0160	-0.0880	-0.0973	0.0516	0.0023	0.0001	-0.1473	0.0171	[redacted]			-0.0194	-0.1120	-0.1173	0.0647	0.0034	0.0002	-0.1804	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0899	-0.0948	-0.1219	0.0491	0.0071	-0.0028	-0.2532	0.8125	8.98	75.12%	11.96	-0.1097	-0.1205	-0.1482	0.0601	0.0106	-0.0035	-0.3112	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1959	-0.0658	-0.0884	0.0719	0.0047	-0.0028	-0.2763	0.0229	9.25	77.39%	11.96	-0.2465	-0.0846	-0.1081	0.0936	0.0071	-0.0034	-0.3419	1.00	0.91	0.85	0.76	0.72	11.74%	10.66%	9.95%	8.90%	8.43%
11.96	-0.0623	-0.0281	-0.0553	0.1020	0.0063	-0.0004	-0.0378	0.0111	8.25	69.01%	11.96	-0.0828	-0.0357	-0.0676	0.1245	0.0095	-0.0005	-0.0526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0424	-0.0958	-0.1312	0.0488	0.0042	-0.0059	-0.2223	0.2369	9.41	78.71%	11.96	-0.0568	-0.1243	-0.1592	0.0595	0.0063	-0.0074	-0.2819	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0031	0.0119	0.0032	-0.0004	0.0116	0.0000	[redacted]			0.0000	0.0000	-0.0038	0.0145	0.0043	-0.0005	0.0145	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	0.0000	0.0000	-0.0388	0.2206	0.0179	-0.0051	0.1946	0.0037	7.25	44.85%	16.18	0.0000	0.0000	-0.0479	0.2689	0.0230	-0.0064	0.2376	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0072	-0.1021	-0.1399	0.1453	0.0047	-0.0009	-0.1001	0.5898	11.20	71.85%	15.59	-0.0094	-0.1322	-0.1713	0.1796	0.0072	-0.0005	-0.1266	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0236	-0.0019	-0.0132	0.0953	0.0059	0.0000	0.0625	0.0000	2.71	92.48%	2.93	-0.0311	-0.0024	-0.0160	0.1147	0.0088	0.0000	0.0740	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0437	-0.0204	-0.0680	0.0981	0.0092	-0.0017	-0.0265	0.0023	11.19	93.61%	11.96	-0.0567	-0.0259	-0.0830	0.1182	0.0131	-0.0021	-0.0364	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0521	-0.0061	-0.0413	0.1596	0.0199	-0.0004	0.0796	0.0000	9.39	78.52%	11.96	-0.0695	-0.0077	-0.0508	0.1936	0.0285	-0.0005	0.0936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0042	-0.0032	-0.0108	0.0143	0.0044	-0.0012	-0.0007	0.0000	1.77	60.55%	2.93	-0.0056	-0.0040	-0.0133	0.0172	0.0063	-0.0015	-0.0009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0522	-0.0088	-0.0294	0.0172	0.0074	0.0000	-0.0658	0.0072	9.82	82.11%	11.96	-0.0599	-0.0104	-0.0361	0.0215	0.0107	0.0000	-0.0742	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0220	-0.0267	-0.0740	0.0279	0.0043	0.0000	-0.0905	0.0000	[redacted]			-0.0268	-0.0340	-0.0905	0.0336	0.0064	0.0000	-0.1113	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0567	-0.0441	-0.1130	0.0274	0.0053	-0.0012	-0.1823	0.0193	6.18	51.69%	11.96	-0.0837	-0.0626	-0.1379	0.0328	0.0079	-0.0012	-0.2447	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0960	-0.0440	-0.0483	0.0408	0.0042	-0.0007	-0.1440	0.0000	5.64	67.58%	8.35	-0.1192	-0.0560	-0.0578	0.0514	0.0060	-0.0008	-0.1764	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0285	-0.0597	-0.1025	0.2513	0.0111	-0.0030	0.0687	0.0000	13.37	93.51%	14.29	-0.0357	-0.0758	-0.1243	0.3128	0.0166	-0.0032	0.0904	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0454	-0.0252	-0.0706	0.0526	0.0087	-0.0039	-0.0838	0.0036	8.52	71.28%	11.96	-0.0596	-0.0320	-0.0867	0.0633	0.0135	-0.0049	-0.1064	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0014	0.0325	0.0073	-0.0003	0.0381	0.0003	[redacted]			0.0000	0.0000	-0.0016	0.0430	0.0090	-0.0003	0.0501	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0485	-0.0069	-0.0390	0.4674	0.0085	-0.0007	0.3808	0.0195	8.17	77.35%	10.57	-0.0607	-0.0088	-0.0461	0.5632	0.0133	-0.0008	0.4601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.04	-0.0119	-0.0012	-0.0108	0.0136	0.0043	-0.0035	-0.0095	0.0000	2.48	81.51%	3.04	-0.0153	-0.0016	-0.0135	0.0169	0.0064	-0.0043	-0.0114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0070	-0.0002	-0.0090	0.0374	0.0055	-0.0010	0.0257	0.0000	2.59	88.41%	2.93	-0.0103	-0.0003	-0.0111	0.0445	0.0077	-0.0011	0.0294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0033	-0.0059	-0.0146	0.0112	0.0043	-0.0008	-0.0091	0.0373	1.82	62.24%	2.93	-0.0044	-0.0075	-0.0179	0.0135	0.0060	-0.0010	-0.0113	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0087	-0.1029	-0.1466	0.1380	0.0041	-0.0003	-0.1164	1.1816	10.05	76.82%	13.09	-0.0108	-0.1306	-0.1785	0.1733	0.0061	-0.0004	-0.1409	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.0244	-0.0167	-0.0340	0.0836	0.0061	-0.0007	0.0139	0.0000	5.09	57.78%	8.80	-0.0302	-0.0212	-0.0418	0.1020	0.0094	-0.0012	0.0170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0155	-0.0589	-0.0558	0.1121	0.0140	-0.0007	-0.0048	0.0000	11.76	72.70%	16.18	-0.0204	-0.0758	-0.0674	0.1368	0.0211	-0.0009	-0.0066	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0173	-0.0642	-0.1210	0.0944	0.0052	-0.0026	-0.1055	0.0000	[redacted]			-0.0203	-0.0770	-0.1479	0.1171	0.0077	-0.0033	-0.1237	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.26	-0.0012	-0.0011	-0.0098	0.0852	0.0084	-0.0016	0.0799	0.0000	1.84	81.51%	2.26	-0.0018	-0.0017	-0.0130	0.1001	0.0105	-0.0025	0.0916	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0982	-0.0189	-0.0669	0.0623	0.0102	-0.0035	-0.1150	0.0048	10.38	86.79%	11.96	-0.1076	-0.0206	-0.0817	0.0775	0.0146	-0.0070	-0.1248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0332	-0.1499	-0.1455	0.0212	0.0055	-0.0007	-0.3026	0.0320	[redacted]			-0.0418	-0.1910	-0.1696	0.0268	0.0073	-0.0007	-0.3690	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.96	-0.0859	-0.0011	-0.0057	0.0169	0.0022	-0.0003	-0.0739	0.0514	1.72	87.73%	1.96	-0.1011	-0.0013	-0.0070	0.0209	0.0035	-0.0004	-0.0854	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0410	-0.0645	-0.1112	0.0341	0.0069	-0.0034	-0.1791	0.0000	10.12	84.62%	11.96	-0.0521	-0.0820	-0.1354	0.0421	0.0104	-0.0042	-0.2212	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0489	-0.0235	-0.0663	0.1165	0.0060	-0.0016	-0.0178	0.0089	8.71	72.82%	11.96	-0.0618	-0.0286	-0.0813	0.1437	0.0093	-0.0018	-0.0205	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	0.0000	0.0143	0.0000	0.0000	0.0143	0.0000	0.04	1.52%	2.93	0.0000	0.0000	0.0000	0.0177	0.0000	0.0000	0.0177	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0837	-0.0173	-0.0416	0.0658	0.0055	-0.0004	-0.0717	0.0000	[redacted]			-0.1100	-0.0220	-0.0512	0.0805	0.0083	-0.0005	-0.0949	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0215	0.0416	0.0062	-0.0008	0.0255	0.0005	[redacted]			0.0000	0.0000	-0.0261	0.0502	0.0077	-0.0010	0.0308	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0157	-0.0669	-0.0827	0.0465	0.0045	-0.0057	-0.1200	0.0002	[redacted]			-0.0194	-0.0851	-0.0996	0.0567	0.0066	-0.0071	-0.1479	0.00	0.00	0.00	0.00	0.00	[redacted]				



2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) 26	Residential PV (MW) 26	Non-Residential PV (MW) 26	EE (MW) 26	EV (MW) 26	BE (MW) 26	ES (MW) 26	Total DER Growth (MW) 26	Base Demand (MW) 27	Cumulative Demand (MW) 27	Facility Loading (%) 27	Facility Loading Limit (MW) 27	Residential PV (MW) 27	Non-Residential PV (MW) 27	EE (MW) 27	EV (MW) 27	BE (MW) 27	ES (MW) 27	Total DER Growth (MW) 27	2023A	2024A	2025A	2026A	2027A	2023B	2024B	2025B	2026B	2027B
11.96	-0.0535	-0.0151	-0.0350	0.0561	0.0053	-0.0005	-0.0427	0.9155	10.71	89.55%	11.96	-0.0698	-0.0192	-0.0437	0.0699	0.0085	-0.0006	-0.0549	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0039	-0.0018	-0.0111	0.0493	0.0052	-0.0009	0.0368	0.0000	2.28	95.38%	2.39	-0.0044	-0.0021	-0.0137	0.0599	0.0079	-0.0012	0.0464	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0063	0.0097	0.0051	0.0001	0.0086	0.1992	[redacted]			-0.0035	-0.0004	-0.0079	0.0114	0.0068	0.0002	0.0066	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0008	-0.0059	-0.0096	0.0073	0.0031	0.0000	-0.0059	0.6572	[redacted]			-0.0010	-0.0075	-0.0119	0.0091	0.0045	0.0000	-0.0068	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0844	-0.0266	-0.0355	0.0018	0.0023	-0.0034	-0.1458	0.0030	[redacted]			-0.1038	-0.0339	-0.0428	0.0022	0.0038	-0.0042	-0.1787	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0300	-0.0785	-0.1045	0.1052	0.0064	-0.0061	-0.1075	0.1701	9.06	75.79%	11.96	-0.0373	-0.0997	-0.1272	0.1298	0.0094	-0.0074	-0.1324	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0098	-0.0135	-0.0732	0.2013	0.0081	-0.0023	0.1106	0.0212	8.33	69.64%	11.96	-0.0098	-0.0135	-0.0864	0.2487	0.0123	-0.0029	0.1484	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
12.76	-0.0782	-0.0494	-0.1017	0.2147	0.0072	-0.0025	-0.0099	0.0000	12.11	94.88%	12.76	-0.1024	-0.0628	-0.1234	0.2646	0.0107	-0.0027	-0.0160	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0309	-0.0326	-0.0902	0.2250	0.0088	-0.0059	0.0742	0.0006	12.24	75.65%	16.18	-0.0391	-0.0414	-0.1100	0.2721	0.0136	-0.0069	0.0883	2.52	2.52	2.52	2.60	2.60	420.00%	420.00%	420.00%	433.33%	433.33%
11.96	-0.0276	-0.0302	-0.0625	0.1590	0.0070	-0.0039	0.0418	0.7670	9.01	75.38%	11.96	-0.0321	-0.0353	-0.0752	0.1982	0.0115	-0.0051	0.0620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0114	-0.0243	-0.0817	0.0796	0.0037	-0.0007	-0.0348	0.0000	7.62	47.10%	16.18	-0.0139	-0.0303	-0.0998	0.0968	0.0054	-0.0009	-0.0427	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.41	-0.0626	-0.1274	-0.1823	0.2179	0.0107	-0.0014	-0.1451	0.0010	12.71	88.19%	14.41	-0.0779	-0.1620	-0.2222	0.2711	0.0163	-0.0017	-0.1764	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0429	-0.0325	-0.0778	0.0406	0.0084	-0.0003	-0.1045	0.0000	9.12	76.30%	11.96	-0.0564	-0.0421	-0.0962	0.0496	0.0124	-0.0003	-0.1330	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.59	-0.0022	-0.0049	-0.0124	0.0598	0.0037	-0.0027	0.0413	0.0009	2.50	96.36%	2.59	-0.0025	-0.0056	-0.0152	0.0724	0.0054	-0.0036	0.0509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0463	-0.0080	-0.0503	0.2278	0.0068	-0.0032	0.1268	0.0355	13.44	83.07%	16.18	-0.0609	-0.0105	-0.0620	0.2732	0.0105	-0.0035	0.1468	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0539	-0.0690	-0.1038	0.2278	0.0081	-0.0018	0.0074	0.0000	8.42	70.41%	11.96	-0.0670	-0.0876	-0.1213	0.2785	0.0141	-0.0021	0.0146	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0505	-0.1428	-0.1109	0.0271	0.0013	-0.0049	-0.2807	0.8742	[redacted]			-0.0614	-0.1817	-0.1354	0.0364	0.0019	-0.0064	-0.3466	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0287	0.1703	0.0596	-0.0012	0.2000	0.0081	[redacted]			0.0000	0.0000	-0.0350	0.2158	0.0740	-0.0013	0.2535	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.88	-0.0085	-0.0239	-0.1261	0.1347	0.0098	-0.0110	-0.0250	5.6916	14.37	90.50%	15.88	-0.0110	-0.0304	-0.1538	0.1618	0.0138	-0.0140	-0.0336	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0287	-0.0344	-0.0713	0.0660	0.0072	-0.0021	-0.0633	0.0152	[redacted]			-0.0314	-0.0373	-0.0856	0.0829	0.0106	-0.0035	-0.0643	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0350	-0.0061	-0.0456	0.1683	0.0104	0.0000	0.0920	0.0170	10.45	87.40%	11.96	-0.0436	-0.0078	-0.0558	0.2023	0.0157	0.0000	0.1108	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1034	-0.0159	-0.0513	0.0944	0.0119	-0.0008	-0.0651	0.0035	8.40	70.25%	11.96	-0.1322	-0.0202	-0.0618	0.1135	0.0185	-0.0010	-0.0832	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0476	-0.0416	-0.0834	0.2701	0.0085	-0.0019	0.1041	0.0000	9.56	79.97%	11.96	-0.0572	-0.0506	-0.1021	0.3319	0.0124	-0.0024	0.1320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.7520	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0197	-0.0359	-0.0929	0.0889	0.0064	-0.0043	-0.0575	0.0025	9.83	82.21%	11.96	-0.0252	-0.0456	-0.1137	0.1070	0.0096	-0.0054	-0.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0311	-0.0828	-0.0628	0.1244	0.0064	0.0048	-0.0411	0.0035	8.27	69.14%	11.96	-0.0378	-0.1035	-0.0721	0.1580	0.0128	0.0078	-0.0348	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0031	-0.0008	-0.0004	0.0008	0.0009	0.0011	-0.0015	0.0000	[redacted]			-0.0038	-0.0010	-0.0005	0.0010	0.0012	0.0013	-0.0018	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0845	-0.0397	-0.0641	0.0971	0.0073	-0.0002	-0.0841	1.7564	10.92	91.35%	11.96	-0.1046	-0.0514	-0.0766	0.1183	0.0113	-0.0002	-0.1032	0.00	2.87	1.87	1.95	2.31	0.00%	32.50%	21.18%	22.08%	26.16%
[redacted]	-0.0173	-0.0109	-0.0179	0.0088	0.0101	0.0000	-0.0272	0.0222	[redacted]			-0.0265	-0.0166	-0.0220	0.0112	0.0134	0.0001	-0.0404	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0228	-0.0597	-0.1348	0.1663	0.0321	0.0039	-0.0150	3.0320	13.15	81.30%	16.18	-0.0264	-0.0706	-0.1630	0.2062	0.0422	0.0051	-0.0065	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0028	-0.0072	-0.0168	0.0263	0.0043	-0.0010	0.0028	0.0000	2.29	78.23%	2.93	-0.0035	-0.0091	-0.0206	0.0317	0.0061	-0.0013	0.0033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0003	-0.0019	-0.0399	0.0271	0.0082	0.0000	-0.0068	0.0000	[redacted]			-0.0003	-0.0019	-0.0484	0.0324	0.0081	0.0000	-0.0101	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0663	-0.0160	-0.0557	0.0351	0.0057	-0.0011	-0.0983	0.0000	8.55	81.98%	10.43	-0.0889	-0.0207	-0.0684	0.0424	0.0088	-0.0013	-0.1281	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0568	-0.0649	-0.1066	0.1736	0.0059	-0.0008	-0.0496	0.0320	[redacted]			-0.0712	-0.0826	-0.1294	0.2118	0.0089	-0.0010	-0.0635	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0363	-0.0599	-0.1053	0.1313	0.0077	-0.0022	-0.0647	0.0085	8.91	74.49%	11.96	-0.0449	-0.0762	-0.1283	0.1602	0.0115	-0.0028	-0.0805	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0448	-0.1222	-0.1436	0.0548	0.0048	-0.0025	-0.2535	0.7339	10.40	86.97%	11.96	-0.0567	-0.1539	-0.1766	0.0672	0.0073	-0.0031	-0.3158	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0159	-0.0591	-0.0965	0.0723	0.0087	-0.0029	-0.0934	0.0219	8.51	71.19%	11.96	-0.0193	-0.0750	-0.1161	0.0893	0.0142	-0.0036	-0.1105	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0071	-0.0022	-0.0110	0.0515	0.0053	0.0000	0.0365	0.0000	2.68	95.85%	2.80	-0.0089	-0.0028	-0.0136	0.0629	0.0081	0.0000	0.0457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0703	-0.0514	-0.0848	0.0695	0.0067	-0.0018	-0.1321	0.0000	10.11	84.56%	11.96	-0.0909	-0.0653	-0.1030	0.0848	0.0102	-0.0019	-0.1661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0004	0.0213	0.0015	-0.0005	0.0219	0.0196	[redacted]			0.0000	0.0000	-0.0004	0.0257	0.0015	-0.0006	0.0262	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0361	-0.0372	-0.0635	0.0564	0.0048	-0.0025	-0.0781	0.0021	[redacted]			-0.0390	-0.0399	-0.0775	0.0707	0.0076	-0.0039	-0.0820	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0286	-0.0854	-0.1170	0.1980	0.0067	-0.0025	-0.0288	4.0441	13.84	85.54%	16.18	-0.0375	-0.1087	-0.1419	0.2796	0.0093	-0.0031	-0.0023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0490	-0.0359	-0.0881	0.1286	0.0062	-0.0004	-0.0386	0.0051	9.47	79.22%	11.96	-0.0667	-0.0465	-0.1075	0.1548	0.0089	-0.0004	-0.0574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0045	-0.0720	-0.0975	0.0093	0.0013	-0.0004	-0.1638	1.0650	[redacted]			-0.0055	-0.0917	-0.1189	0.0116	0.0015	-0.0005	-0.2035	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0192	-0.0078	-0.0381	0.0520	0.0053	-0.0008	-0.0086	0.0793	4.86	40.63%	11.96	-0.0241	-0.0099	-0.0460	0.0639	0.0074	-0.0010	-0.0097	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0139	-0.1397	-0.1945	0.2548	0.0212	-0.0001	-0.0722	0.0040	[redacted]			-0.0174	-0.1812	-0.2303	0.3119	0.0382	0.0009	-0.0779	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0084	-0.0004	-0.0123	0.0630	0.0083	-0.0019	0.0483	0.0076	2.15	90.07%	2.39	-0.0114	-0.0005	-0.0153	0.0759	0.0122	-0.0026	0.0583	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0108	-0.0731	-0.0976	0.0563	0.0060	-0.0022	-0.1214	0.0021	8.37	69.97%	11.96	-0.0133	-0.0931	-0.1183	0.0708	0.0083	-0.0027	-0.1483	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0026	-0.0047	-0.0067	0.0202	0.0023	-0.0001	0.0084	0.0039	[redacted]			-0.0033	-0.0060	-0.0081	0.0247	0.0034	-0.0001	0.0106	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0025	-0.0018	-0.0101	0.1109	0.0053	-0.0008	0.1010	0.3378	1.51	51.61%	2.93	-0.0025	-0.0018	-0.0115	0.1586	0.0102	-0.0009	0.1521	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.53	-0.0111	0.0000	-0.0053	0.0291	0.0043	0.0000	0.0170	0.0019	1.41	92.12%	1.53	-0.0145	0.0000	-0.0066	0.0355	0.0064	0.0000	0.0208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0019	-0.0004	-0.0006	0.0330	0.0031	0.0006	0.0338	0.0000	[redacted]			-0.0019	-0.0004	-0.0007	0.0426	0.0038	0.0006	0.0440	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0069	-0.0069	-0.0039	0.0153	0.0033	0.0010	0.0019	0.0000	[redacted]			-0.0070	-0.0071	-0.0045	0.0177	0.0039	0.0010	0.0040	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1024	-0.0441	-0.0629	0.1121	0.0063	-0.0030	-0.0940	0.0000	[redacted]			-0.1276	-0.0561	-0.0773	0.1386	0.0099	-0.0037	-0.1162	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.88	-0.0106	-0.1200	-0.1886	0.2280	0.0170	-0.0107	-0.0849	0.2155	11.42	71.91%	15.88	-0.0115	-0.1319	-0.2302	0.2874	0.0242	-0.0167	-0.0787	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0064	-0.0020	-0.0064	0.0124	0.0018	-0.0004	-0.0010	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0066	-0.1593	-0.1956	0.0343	0.0066	0.0002	-0.3204	0.6867	11.69	97.77%	11.96	-0.0081	-0.2028	-0.2353	0.0436	0.0083	0.0002	-0.3941	7.14	5.06	3.66	3.66	3.48	85.71%	60.74%	43.94%	43.94%	41.78%
11.96	-0.0366	-0.0360	-0.0548	0.0547	0.0045	-0.0037	-0.0719	0.0000	6.84	57.17%	11.96	-0.0446	-0.0429	-0.0673	0.0683	0.0071	-0.0047	-0.0841	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0631	-0.0316	-0.0388	0.1297	0.0049	0.0099	0.0110	0.0059	5.58	39.52%	14.12	-0.0792	-0.0403	-0.0470	0.1676	0.0067	0.0123	0.0201	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0098	-0.0202	-0.0386	0.0134	0.0035	-0.0002	-0.0519	0.0029	[redacted]			-0.0124	-0.0244	-0.0462	0.0165	0.0051	-0.0003	-0.0617	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1239	-0.0315	-0.0431	0.0938	0.0068	0.0002	-0.0977	2.8988	10.00	83.66%	11.96	-0.1500	-0.0388	-0.0536	0.1184	0.0101	0.0002	-0.1137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0171	-0.0635	-0.0850	0.0754	0.0054	-0.0037	-0.0885	0.0000	8.44	70.60%	11.96	-0.0207	-0.0801	-0.1021	0.0942	0.0081	-0.0051	-0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0473	-0.0342	-0.0747	0.0997	0.0103	-0.0015	-0.0477	0.0167	9.10	76.07%	11.96	-0.0636	-0.0454	-0.0896	0.1268	0.0163	-0.0019	-0.0574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1171	-0.0325	-0.0740	0.2265	0.0079	-0.0011	0.0097	0.0135	10.38	86.82%	11.96	-0.1518	-0.0413	-0.0889	0.2764	0.0127	-0.0014	0.0057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.24	-0.0316	-0.0178	-0.0198	0.0048	0.0024	-0.0004	-0.0624	0.0048	3.59	49.64%	7.24	-0.0386	-0.0227	-0.0237	0.0060	0.0035	-0.0005	-0.0760	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0195	-0.1006	-0.0698	0.0583	0.0030	-0.0015	-0.1301	0.0047	5.13	42.87%	11.96	-0.0241	-0.1277	-0.0854	0.0725	0.0044	-0.0019	-0.1622	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0064	-0.0095	-0.0537	0.0854	0.0069	-0.0035	0.0192	5.1820	11.32	94.66%	11.96	-0.0079	-0.0121	-0.0658	0.1022	0.0100	-0.0045	0.0219	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0707	-0.1088	-0.0941	0.0299	0.0026	-0.0030	-0.2441	2.3860	8.70	72.77%	11.96	-0.0865	-0.1383	-0.1131	0.0377	0.0036	-0.0037	-0.3003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0423	-0.0436	-0.0901	0.1303	0.0081	-0.0018	-0.0394	0.0000	10.59	88.55%	11.96	-0.0509	-0.0510	-0.1102	0.1630	0.0123	-0.0024	-0.0392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0394	-0.0122	-0.0460	0.0720	0.0101	-0.0011	-0.0166	0.1791	8.69	72.67%	11.96	-0.0476	-0.0155	-0.0563	0.0869	0.0154	-0.0014	-0.0185	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0569	-0.0547	-0.0751	0.1241	0.0066	-0.0004	-0.0564	0.2013	[redacted]			-0.0717	-0.0696	-0.0922	0.1587	0.0101	-0.0005	-0.0652	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.13	-0.0020	-0.0014	-0.0076	0.0636	0.0180	0.0012	0.0718	0.0000	1.90	89.07%	2.13	-0.0033	-0.0021	-0.0095	0.0751	0.0238	0.0021	0.0861	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0037	-0.0002	-0.0041	0.0590	0.0109	-0.0020	0.0599	0.0000	1.92	65.70%	2.93	-0.0058	-0.0003	-0.0054	0.0720	0.0129	-0.0026	0.0708	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0038	-0.0021	-0.0084	0.0512	0.0044	-0.0004	0.0409	0.0000	1.60	70.70%	2.26	-0.0049	-0.0028	-0.0103	0.0613	0.0062	-0.0005	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.00	-0.0075	-0.0305	-0.0582	0.0990	0.0210	-0.0036	0.0202	0.0073	8.52	60.88%	14.00	-0.0093	-0.0390	-0.0714	0.1192	0.0298	-0.0045	0.0248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0713	-0.1645	0.0619	0.0073	-0.0004	-0.1835	0.0112	9.67	80.87%	11.96	-0.0198	-0.0865	-0.2018	0.0758	0.0104	-0.0005	-0.2224	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0127	-0.0983	-0.1200	0.0257	0.0039	-0.0061	-0.2075	0.0000	[redacted]			-0.0159	-0.1249	-0.1449	0.0324	0.0055	-0.0076	-0.2554	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0090	-0.0644	-0.0800	0.0256	0.0110	0.0021	-0.1147	0.0002	8.59	71.87%	11.96	-0.0097	-0.0696	-0.0913	0.0355	0.0141	0.0021	-0.1189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0198	-0.0282	-0.0747	0.0198	0.0057	-0.0048	-0.1020	0.0019	[redacted]			-0.0198	-0.0282	-0.0869	0.0247	0.0080	-0.0066	-0.1088	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0085	-0.0691	-0.0582	0.0170	0.0009	-0.0010	-0.1189	0.0000	[redacted]			-0.0103	-0.0879	-0.0697	0.0216	0.0011	-0.0012	-0.1464	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0193	-0.1559	-0.1153	0.0221	0.0043	-0.0007	-0.2648	0.0197	5.25	43.89%	11.96	-0.0234	-0.1983	-0.1401	0.0297	0.0058	-0.0009	-0.3272	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0692	-0.0023	-0.0414	0.1853	0.0094	-0.0004	0.0814	0.2943	11.40	95.36%	11.96	-0.0857	-0.0029	-0.0508	0.2266	0.0138	-0.0005	0.1005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0168	-0.0750	-0.0901	0.0506	0.0047	-0.0035	-0.1301	0.1759	[redacted]			-0.0214	-0.0953	-0.1093	0.0627	0.0070	-0.0043	-0.1606	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1792	-0.0690	-0.0847	0.3386	0.0226	0.0054	0.0337	0.0000	8.49	71.02%	11.96	-0.2354	-0.0882	-0.1036	0.4184	0.0288	0.0068	0.0268	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0049	-0.0031	-0.0078	0.0249	0.0041	-0.0003	0.0129	0.0021	1.38	57.68%	2.39	-0.0069	-0.0043	-0.0091	0.0293	0.0061	-0.0002	0.0149	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0472	-0.0305	-0.0659	0.1308	0.0088	-0.0007	-0.0047	0.0306	11.63	97.31%	11.96	-0.0584	-0.0387	-0.0807	0.1596	0.0135	-0.0012	-0.0059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0539	-0.0311	-0.1008	0.6081	0.0237	-0.0050	0.4410	0.0055	10.29	63.59%	16.18	-0.0539	-0.0311	-0.1137	0.7523	0.0392	-0.0099	0.5829	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0149	-0.0042	-0.0110	0.0529	0.0230	0.0020	0.0478	0.0024	2.88	41.35%	6.96	-0.0194	-0.0053	-0.0133	0.0668	0.0290	0.0028	0.0606	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0080	-0.0925	-0.0879	0.0066	0.0038	0.0000	-0.1780	0.0000	[redacted]			-0.0099	-0.1178	-0.1056	0.0082	0.0056	0.0000	-0.2195	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0557	-0.0198	-0.0613	0.0619	0.0041	-0.0003	-0.0711	0.0144	8.08	67.61%	11.96	-0.0701	-0.0250	-0.0753	0.0768	0.0064	-0.0004	-0.0876	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0422	-0.0259	-0.0689	0.0941	0.0098	-0.0012	-0.0343	0.0529	11.53	96.47%	11.96	-0.0545	-0.0329	-0.0844	0.1155	0.0149	-0.0015	-0.0429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.98	-0.0707	-0.0154	-0.0443	0.1372	0.0066	-0.0008	0.0126	0.1664	6.51	81.55%	7.98	-0.0943	-0.0195	-0.0542	0.1691	0.0098	-0.0010	0.0099	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0067	-0.0926	-0.1543	0.0288	0.0021	-0.0030	-0.2257	0.0078	11.75	72.65%	16.18	-0.0083	-0.1169	-0.1892	0.0363	0.0032	-0.0038	-0.2787	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0300	-0.0423	-0.0600	0.3739	0.0062	0.0002	0.2480	0.0140	8.05	67.30%	11.96	-0.0311	-0.0441	-0.0699	0.4613	0.0090	0.0001	0.3253	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0458	-0.0583	-0.0525	0.0388	0.0069	0.0013	-0.1096	0.0239	[redacted]			-0.0458	-0.0583	-0.0586	0.0551	0.0101	0.0012	-0.0963	0.12	0.12	0.12	0.00	0.12	[redacted]				
[redacted]	-0.0199	-0.1073	-0.1376	0.0399	0.0030	-0.0009	-0.2228	0.0071	[redacted]			-0.0225	-0.1256	-0.1654	0.0499	0.0048	-0.0012	-0.2600	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0294	-0.1657	-0.2959	0.3288	0.0175	-0.0019	-0.1466	0.0000	11.60	71.70%	16.18	-0.0294	-0.1657	-0.3328	0.4154	0.0349	-0.0058	-0.0834	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0669	-0.0564	-0.1363	0.1151	0.0071	-0.0019	-0.1393	0.0079	9.46	79.12%	11.96	-0.0817	-0.0718	-0.1662	0.1402	0.0105	-0.0025	-0.1715	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0192	-0.1017	-0.0957	0.0213	0.0031	-0.0031	-0.1953	0.0150	[redacted]			-0.0238	-0.1320	-0.1159	0.0271	0.0047	-0.0034	-0.2433	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	0.0000	0.0000	-0.0111	0.0535	0.0060	-0.0034	0.0450	0.0015	2.73	97.65%	2.80	0.0000	0.0000	-0.0137	0.0649	0.0084	-0.0046	0.0550	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0093	-0.0022	-0.0160	0.0234	0.0059	-0.0009	0.0009	0.0000	2.92	99.75%	2.93	-0.0126	-0.0028	-0.0197	0.0282	0.0084	-0.0011	0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0082	-0.0369	-0.0421	0.0202	0.0045	-0.0008	-0.0633	0.0018	[redacted]			-0.0106	-0.0471	-0.0514	0.0254	0.0060	-0.0009	-0.0786	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0329	-0.0518	-0.0765	0.0165	0.0074	-0.0027	-0.1400	0.0019	7.31	61.12%	11.96	-0.0417	-0.0652	-0.0933	0.0207	0.0105	-0.0036	-0.1726	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0436	-0.0361	-0.0813	0.1502	0.0079	-0.0023	-0.0052	1.3438	11.20	93.68%	11.96	-0.0560	-0.0459	-0.0996	0.1833	0.0118	-0.0028	-0.0092	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0531	-0.1078	0.0486	0.0048	-0.0024	-0.1264	0.6057	7.95	66.51%	11.96	-0.0202	-0.0675	-0.1322	0.0586	0.0072	-0.0030	-0.1571	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0334	-0.0443	-0.0900	0.1494	0.0076	-0.0008	-0.0115	0.0111	10.48	87.66%	11.96	-0.0385	-0.0527	-0.1105	0.1851	0.0119	-0.0010	-0.0057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0196	-0.0011	-0.0132	0.0447	0.0070	0.0000	0.0178	0.0002	2.41	82.14%	2.93	-0.0261	-0.0014	-0.0160	0.0538	0.0105	0.0000	0.0208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.0056	-0.0260	0.0675	0.0027	-0.0011	0.0348	0.0005	[redacted]			-0.0027	-0.0056	-0.0287	0.0932	0.0043	-0.0011	0.0594	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0137	-0.0986	-0.1314	0.0656	0.0031	0.0011	-0.1739	0.7850	[redacted]			-0.0167	-0.1240	-0.1603	0.0827	0.0031	0.0016	-0.2136	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0036	-0.0100	-0.0161	0.0440	0.0054	-0.0002	0.0195	0.0021	1.70	62.96%	2.71	-0.0043	-0.0121	-0.0201	0.0541	0.0073	-0.0003	0.0246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0197	-0.0417	-0.1014	0.1559	0.0065	-0.0004	-0.0008	0.0000	9.32	77.99%	11.96	-0.0248	-0.0540	-0.1228	0.1877	0.0093	-0.0003	-0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0369	-0.1342	-0.1255	0.0405	0.0052	0.0004	-0.2505	0.0211	8.60	71.96%	11.96	-0.0464	-0.1708	-0.1501	0.0514	0.0067	0.0005	-0.3087	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0133	-0.0626	0.0261	0.0258	-0.0011	-0.0255	0.0145	[redacted]			-0.0005	-0.0170	-0.0738	0.0325	0.0321	-0.0014	-0.0281	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0173	-0.0240	-0.0767	0.2391	0.0204	-0.0047	0.1368	0.0009	[redacted]			-0.0179	-0.0247	-0.0935	0.2897	0.0297	-0.0068	0.1765	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0056	-0.0230	-0.0205	0.0324	0.0025	-0.0012	-0.0154	0.0004	[redacted]			-0.0070	-0.0293	-0.0246	0.0421	0.0039	-0.0015	-0.0164	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0236	-0.0117	-0.0410	0.0494	0.0040	-0.0007	-0.0236	0.9152	7.58	63.43%	11.96	-0.0298	-0.0151	-0.0503	0.0606	0.0061	-0.0008	-0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0142	-0.1341	-0.1074	0.0360	0.0018	-0.0003	-0.2182	0.7349	[redacted]			-0.0166	-0.1643	-0.1241	0.0479	0.0020	0.0005	-0.2546	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0008	0.0000	-0.0009	-0.0001	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0009	0.0000	-0.0010	-0.0001	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.04	-0.0197	-0.0008	-0.0028	0.0386	0.0028	-0.0008	0.0173	0.0000	0.48	45.88%	1.04	-0.0215	-0.0009	-0.0034	0.0472	0.0042	-0.0013	0.0243	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0098	0.0000	-0.0090	0.0258	0.0461	0.0018	0.0549	0.1845	[redacted]			-0.0123	0.0000	-0.0110	0.0324	0.0582	0.0023	0.0696	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0138	-0.1030	-0.0930	0.0499	0.0012	-0.0004	-0.1591	2.7041	7.08	59.24%	11.96	-0.0170	-0.1312	-0.1117	0.0665	0.0013	-0.0005	-0.1926	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.96	-0.0367	0.0000	-0.0062	0.0121	0.0028	0.0000	-0.0280	0.1580	1.57	80.25%	1.96	-0.0448	0.0000	-0.0076	0.0147	0.0042	0.0000	-0.0335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1350	-0.0044	-0.0484	0.0373	0.0083	-0.0004	-0.1426	0.0248	11.00	92.00%	11.96	-0.1724	-0.0054	-0.0596	0.0453	0.0126	-0.0005	-0.1800	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0080	0.0811	0.0054	0.0051	0.0836	0.0011	1.86	78.11%	2.39	0.0000	0.0000	-0.0098	0.1008	0.0071	0.0063	0.1044	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0191	-0.0574	-0.0988	0.0734	0.0071	-0.0009	-0.0957	0.0288	[redacted]			-0.0222	-0.0685	-0.1194	0.0907	0.0108	-0.0013	-0.1099	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0093	-0.0674	-0.1162	0.0000	0.0049	0.0000	-0.1880	0.0000	[redacted]			-0.0112	-0.0859	-0.1462	0.0000	0.0056	0.0000	-0.2377	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0009	-0.0027	-0.0080	0.0111	0.0021	-0.0011	0.0005	0.0000	0.65	22.16%	2.93	-0.0011	-0.0034	-0.0097	0.0134	0.0030	-0.0014	0.0008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0075	-0.1219	-0.1336	0.0407	0.0013	-0.0021	-0.2231	0.4698	[redacted]			-0.0091	-0.1561	-0.1615	0.0512	0.0016	-0.0022	-0.2761	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0909	-0.0188	-0.0766	0.0857	0.0122	-0.0057	-0.0941	0.0176	9.62	80.48%	11.96	-0.0939	-0.0196	-0.0908	0.1040	0.0187	-0.0104	-0.0920	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0046	-0.0404	-0.0870	0.0466	0.0113	0.0043	-0.0698	0.8677	11.25	79.71%	14.12	-0.0054	-0.0492	-0.1045	0.0585	0.0148	0.0056	-0.0802	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Eastmont	GNA_2023_25	0.0000	[redacted]			-0.0027	-0.0021	-0.0057	0.0065	0.0004	0.0000	-0.0036	0.0004	[redacted]			-0.0050	-0.0039	-0.0113	0.0135	0.0011	0.0000	-0.0056	0.0006	[redacted]			-0.0076	-0.0058	-0.0169	0.0203	0.0026	0.0000	-0.0074	0.0011	[redacted]	
Eastwind		0.0001	[redacted]			-0.0036	-0.0010	-0.0009	0.0015	0.0002	0.0001	-0.0037	0.0009	[redacted]			-0.0073	-0.0018	-0.0019	0.0031	0.0006	0.0003	-0.0070	0.0012	[redacted]			-0.0111	-0.0027	-0.0029	0.0047	0.0010	0.0005	-0.0105	0.0020	[redacted]	
Ebbtide		0.0000	[redacted]			-0.0002	-0.0050	-0.0121	0.0021	0.0101	0.0000	-0.0051	0.0000	[redacted]			-0.0004	-0.0091	-0.0197	0.0043	0.0183	0.0000	-0.0066	0.0000	[redacted]			-0.0006	-0.0135	-0.0270	0.0065	0.0305	0.0000	-0.0041	0.0000	[redacted]	
Ebell	GNA_2023_157	0.0000	2.96	105.83%	2.80	-0.0035	0.0000	-0.0030	0.0260	0.0007	-0.0003	0.0199	0.0000	2.22	79.18%	2.80	-0.0061	0.0000	-0.0063	0.0529	0.0021	-0.0009	0.0417	0.0000	2.24	79.93%	2.80	-0.0092	0.0000	-0.0096	0.0782	0.0041	-0.0016	0.0619	0.0000	2.24	80.05%
Ebert		0.0001	6.07	50.75%	11.96	-0.0240	-0.0027	-0.0072	0.0082	0.0010	-0.0002	-0.0249	0.0013	6.05	50.61%	11.96	-0.0426	-0.0051	-0.0136	0.0181	0.0022	-0.0003	-0.0413	0.0018	6.04	50.48%	11.96	-0.0612	-0.0077	-0.0203	0.0291	0.0041	-0.0004	-0.0564	0.0030	6.02	50.37%
Ebony		0.0000	9.75	69.05%	14.12	0.0000	0.0000	-0.0133	0.0573	0.0073	-0.0022	0.0491	0.0000	9.80	69.44%	14.12	0.0000	0.0000	-0.0250	0.1167	0.0150	-0.0043	0.1024	0.0000	9.86	69.83%	14.12	0.0000	0.0000	-0.0360	0.1751	0.0215	-0.0065	0.1541	0.0000	9.91	70.17%
Echo		0.0003	7.59	63.46%	11.96	-0.0073	-0.0009	-0.0083	0.0175	0.0012	-0.0002	0.0020	0.0050	7.60	63.53%	11.96	-0.0131	-0.0018	-0.0181	0.0358	0.0029	-0.0004	0.0053	0.0072	7.60	63.58%	11.96	-0.0191	-0.0027	-0.0281	0.0531	0.0058	-0.0006	0.0084	0.0122	7.60	63.59%
Eclipse		0.0000	10.92	91.35%	11.96	-0.0158	-0.0313	-0.0428	0.0465	0.0005	-0.0004	-0.0433	0.0002	10.90	91.15%	11.96	-0.0306	-0.0580	-0.0765	0.0971	0.0021	-0.0007	-0.0666	0.0002	10.92	91.31%	11.96	-0.0384	-0.0720	-0.1097	0.1693	0.0043	-0.0013	-0.0478	0.0002	10.93	91.40%
Ecuador		0.1354	10.21	85.36%	11.96	-0.0191	-0.0054	-0.0162	0.0409	0.0010	-0.0001	0.0011	0.1773	10.26	85.81%	11.96	-0.0355	-0.0102	-0.0313	0.0842	0.0028	-0.0003	0.0097	0.2011	10.29	86.09%	11.96	-0.0529	-0.0153	-0.0454	0.1263	0.0052	-0.0005	0.0174	0.2011	10.30	86.15%
Edendale		0.0000	[redacted]			0.0000	0.0000	-0.0045	0.0003	0.0016	0.0000	-0.0026	0.0000	[redacted]			0.0000	0.0000	-0.0086	0.0007	0.0033	-0.0001	-0.0047	0.0000	[redacted]			0.0000	0.0000	-0.0123	0.0011	0.0044	-0.0002	-0.0070	0.0000	[redacted]	
Edgar		0.0000	[redacted]			-0.0021	-0.0171	-0.0234	0.0434	0.0005	-0.0002	0.0011	0.0006	[redacted]			-0.0040	-0.0313	-0.0434	0.0950	0.0018	-0.0003	0.0178	0.0006	[redacted]			-0.0060	-0.0466	-0.0626	0.1339	0.0030	-0.0004	0.0213	0.0006	[redacted]	
Edinburg		0.0001	7.09	59.56%	11.91	-0.0023	-0.0139	-0.0435	0.0244	0.0004	-0.0006	-0.0355	2.5448	9.81	82.32%	11.91	-0.0058	-0.0347	-0.0760	0.0413	0.0012	-0.0009	-0.0749	3.4299	10.72	89.99%	11.91	-0.0099	-0.0571	-0.1073	0.0582	0.0022	-0.0012	-0.1151	4.0169	11.31	94.93%
Edmond		0.0000	2.63	89.70%	2.93	-0.0008	-0.0002	-0.0031	0.0089	0.0007	-0.0003	0.0052	0.0001	2.63	89.91%	2.93	-0.0015	-0.0004	-0.0063	0.0181	0.0017	-0.0007	0.0109	0.0001	2.64	90.12%	2.93	-0.0023	-0.0006	-0.0096	0.0268	0.0032	-0.0011	0.0164	0.0001	2.65	90.31%
Edsel		0.0002	7.34	61.40%	11.96	-0.0091	-0.0177	-0.0283	0.0217	0.0011	-0.0018	-0.0341	0.0002	7.43	62.10%	11.96	-0.0176	-0.0336	-0.0494	0.0447	0.0024	-0.0034	-0.0569	0.0002	7.40	61.88%	11.96	-0.0265	-0.0506	-0.0710	0.0670	0.0047	-0.0049	-0.0813	0.0002	7.37	61.66%
Edwin		0.2889	[redacted]			-0.0285	-0.0119	-0.0178	0.0120	0.0008	-0.0006	-0.0460	0.5712	[redacted]			-0.0526	-0.0220	-0.0341	0.0280	0.0020	-0.0011	-0.0798	0.6171	[redacted]			-0.0788	-0.0328	-0.0502	0.0474	0.0038	-0.0016	-0.1122	0.6474	[redacted]	
Effie		2.0658	[redacted]			-0.0022	-0.0523	-0.0583	0.0023	0.0023	0.0000	-0.1082	3.5476	[redacted]			-0.0044	-0.0949	-0.1083	0.0048	0.0055	0.0000	-0.1973	4.2148	[redacted]			-0.0065	-0.1408	-0.1564	0.0074	0.0088	0.0000	-0.2875	4.7262	[redacted]	
Egan		0.0000	0.83	37.85%	2.20	-0.0026	-0.0042	-0.0033	0.0021	0.0002	-0.0004	-0.0082	0.0000	0.82	37.52%	2.20	-0.0049	-0.0082	-0.0057	0.0043	0.0004	-0.0008	-0.0149	0.0000	0.82	37.19%	2.20	-0.0072	-0.0125	-0.0080	0.0065	0.0007	-0.0012	-0.0217	0.0000	0.81	36.87%
Egmont		0.0002	7.65	63.97%	11.96	-0.0064	-0.0064	-0.0151	0.0205	0.0007	-0.0001	-0.0068	0.0033	7.65	63.99%	11.96	-0.0114	-0.0117	-0.0291	0.0428	0.0018	-0.0002	-0.0078	0.0041	7.65	63.98%	11.96	-0.0167	-0.0174	-0.0429	0.0649	0.0033	-0.0003	-0.0091	0.0046	7.65	63.98%
Eighteenth		0.0022	2.23	45.75%	4.87	-0.0006	0.0000	-0.0011	0.0053	0.0007	-0.0008	0.0035	0.0030	2.23	45.82%	4.87	-0.0012	0.0000	-0.0022	0.0108	0.0015	-0.0032	0.0057	0.0031	2.23	45.87%	4.87	-0.0018	0.0000	-0.0035	0.0160	0.0026	-0.0052	0.0081	0.0037	2.24	45.94%
El Camino		0.0142	[redacted]			-0.0002	-0.0006	-0.0043	0.0014	0.0002	-0.0001	-0.0036	0.0142	[redacted]			-0.0004	-0.0011	-0.0076	0.0028	0.0007	-0.0002	-0.0058	0.0142	[redacted]			-0.0006	-0.0017	-0.0107	0.0041	0.0014	-0.0003	-0.0078	0.0000	[redacted]	
El Centro		0.0000	[redacted]			-0.0033	-0.0008	-0.0023	0.0126	0.0004	0.0000	0.0066	0.0007	[redacted]			-0.0058	-0.0015	-0.0046	0.0261	0.0012	-0.0001	0.0153	0.0010	[redacted]			-0.0087	-0.0023	-0.0069	0.0392	0.0025	-0.0001	0.0237	0.0018	[redacted]	
El Mirador		0.0002	4.45	53.26%	8.35	-0.0007	-0.0001	-0.0063	0.0149	0.0013	-0.0063	0.0028	0.0028	4.46	53.41%	8.35	-0.0013	-0.0002	-0.0127	0.0317	0.0031	-0.0086	0.0120	0.0040	4.47	53.55%	8.35	-0.0019	-0.0003	-0.0195	0.0496	0.0052	-0.0107	0.0224	0.0069	4.48	53.72%
El Monte		0.0001	2.36	98.75%	2.39	-0.0022	-0.0007	-0.0036	0.0059	0.0006	-0.0001	-0.0001	0.0015	2.36	98.85%	2.39	-0.0040	-0.0013	-0.0073	0.0121	0.0015	-0.0002	0.0008	0.0021	2.36	98.90%	2.39	-0.0062	-0.0020	-0.0110	0.0179	0.0028	-0.0003	0.0012	0.0036	2.36	98.98%
El Paseo		0.0000	1.41	59.00%	2.39	0.0000	0.0000	-0.0009	0.0461	0.0017	0.0005	0.0474	0.0000	1.43	59.96%	2.39	-0.0020	-0.0010	-0.0029	0.0709	0.0034	0.0006	0.0690	0.0000	1.49	62.21%	2.39	-0.0020	-0.0010	-0.0038	0.1199	0.0053	0.0011	0.1195	0.0000	1.54	64.55%
El Toro		0.7671	10.36	86.62%	11.96	-0.0029	-0.0013	-0.0127	0.0821	0.0015	-0.0007	0.0660	0.7684	10.43	87.26%	11.96	-0.0057	-0.0025	-0.0254	0.1669	0.0038	-0.0019	0.1352	0.7689	10.50	87.85%	11.96	-0.0086	-0.0038	-0.0383	0.2465	0.0074	-0.0032	0.2000	0.7694	10.57	88.38%
Elden		0.0002	8.59	71.87%	11.96	0.0000	0.0000	-0.0085	0.0854	0.0030	-0.0001	0.0798	0.0039	9.42	78.80%	11.96	0.0000	0.0000	-0.0164	0.1734	0.0063	-0.0002	0.1631	0.0047	9.49	79.39%	11.96	-0.0039	-0.0019	-0.0294	0.2534	0.0099	-0.0017	0.2264	0.0057	9.55	79.90%
Elder		0.0480	7.02	58.67%	11.96	-0.0113	-0.0110	-0.0168	0.0175	0.0007	-0.0012	-0.0221	0.0700	7.02	58.73%	11.96	-0.0203	-0.0209	-0.0329	0.0366	0.0019	-0.0023	-0.0379	0.0795	7.01	58.67%	11.96	-0.0302	-0.0314	-0.0489	0.0556	0.0037	-0.0033	-0.0545	0.0856	7.00	58.52%
Eldridge		0.0001	2.60	88.76%	2.93	-0.0003	0.0000	-0.0027	0.0185	0.0021	-0.0004	0.0172	0.0012	2.62	89.43%	2.93	-0.0005	0.0000	-0.0056	0.0377	0.0041	-0.0013	0.0344	0.0017	2.64	90.09%	2.93	-0.0007	0.0000	-0.0080	0.0560	0.0071	-0.0022	0.0522	0.0028	2.66	90.78%
Eleanor		0.0004	10.53	88.09%	11.96	-0.0201	-0.0050	-0.0160	0.0277	0.0009	-0.0003	-0.0128	0.0030	10.53	88.05%	11.96	-0.0359	-0.0093	-0.0329	0.0572	0.0023	-0.0006	-0.0192	0.0041	10.52	87.97%	11.96	-0.0544	-0.0139	-0.0500	0.0858	0.0044	-0.0009	-0.0290	0.0054	10.52	88.01%
Electra	GNA_2023_176	5.1864	18.81	116.29%	16.18	-0.0019	-0.0424	-0.0537	0.0092	0.0003	0.0000	-0.0885	5.1870	16.09	99.43%	16.18	-0.0038	-0.0777	-0.1024	0.0217	0.0005	-0.0002	-0.1619	5.1870	16.01	98.95%	16.18	-0.0057	-0.1157	-0.1511	0.0369	0.0009	-0.0004	-0.2351	5.1870	15.93	98.48%
Electric		0.0000	[redacted]			-0.0010	-0.0018	-0.0046	0.0080	0.0014	0.0001	0.0021	0.0003	[redacted]			-0.0015	-0.0027	-0.0080	0.0164	0.0044	0.0003	0.0089	0.0004	[redacted]			-0.0020	-0.0037	-0.0113	0.0250	0.0086	0.0005	0.0171	0.0004	[redacted]	
Elementary		0.0000	0.94	61.43%	1.53	-0.0004	0.0000	-0.0007	0.0050	0.0006	0.0000	0.0045	0.0000	0.94	61.80%	1.53	-0.0007	0.0000	-0.0015	0.0102	0.0015	0.0000	0.0095	0.0000	0.95	62.18%	1.53	-0.0010	0.0000	-0.0023	0.0152	0.0029	0.0000	0.0148	0.0000	0.95	62.57%
Elephant		0.0004	4.99	41.77%	11.96	-0.0052	-0.0139	-0.0332	0.0098	0.0006	-0.0001	-0.0420	0.0065	4.97	41.58%	11.96	-0.0099	-0.0254	-0.0559	0.0202	0.0013	-0.0002	-0.0699	0.0080	4.94	41.33%	11.96	-0.0150	-0.0378	-0.0787	0.0303	0.0026	-0.0003	-0.0989	0.0097	4.91	41.08%
Elevado		0.0000	[redacted]			-0.0023	-0.0019	-0.0057	0.0027	0.0007	0.0000	-0.0065	0.0003	[redacted]			-0.0039	-0.0032	-0.0109	0.0062	0.0015	0.0000	-0.0103	0.0005	[redacted]			-0.0051	-0.0041	-0.0161	0.0104	0.0028	0.0000	-0.0121	0.0009	[redacted]	
Elgin		0.0045	2.43	85.48%	2.84	-0.0009	0.0000	-0.0017	0.0154	0.0004	0.0000	0.0132	0.0062	2.44	86.10%	2.84	-0.0017	0.0000	-0.0037	0.0315	0.0014	0.0000	0.0275	0.0068	2.46	86.66%	2.84	-0.0025	0.0000	-0.0057	0.0468	0.0028	0.0000	0.0414	0.0072	2.47	87.17%
Elhers		0.0000	2.04	56.68%	3.60	-0.0061	-0.0003	-0.0018	0.0011	0.0003	-0.0001	-0.0069	0.0000	2.03	56.53%	3.60	-0.0109	-0.0006	-0.0034	0.0023	0.0009	-0.0002	-0.0119	0.0000	2.03	56.37%	3.60	-0.0160	-0.0009	-0.0051	0.0034	0.0017	-0.0003	-0.0172	0.0000	2.02	56.23%
Elk		0.0810	[redacted]			-0.0016	-0.0020	-0.0045	0.0032	0.0012	0.0000	-0.0037	0.1059	[redacted]			-0.0058	-0.0063	-0.0097	0.0075	0.0028	0.0003	-0.0112	0.1151	[redacted]			-0.0073	-0.0081	-0.0141	0.0109	0.0042	0.0003	-0.0141	0.1228	[redacted]	
Elko		0.0000	1.12	46.78%	2.39	-0.0011	-0.0024	-0.0036	0.0110	0.0004	-0.0001	0.0042	0.0001	1.12	47.04%	2.39	-0.0021	-0.0047	-0.0068	0.0227	0.0009	-0.0002	0.0098	0.0002	1.13	47.30%	2.39	-0.0031	-0.0071	-0.0098	0.0340	0.0018	-0.0003	0.0155	0.0004	1.14	47.78%
Elkport		0.0001	8.43	70.50%	11.96	-0.0041	-0.0175	-0.0344	0.0163	0.0009	-0.0001	-0.0389	0.0011	9.27	77.54%	11.96	-0.0075	-0.0320	-0.0579	0.0352	0.0018	-0.0002	-0.0606	0.0015	9.25	77.35%	11.96	-0.0114	-0.0476	-0.0815	0.0556	0.0034	-0.0003	-0.0818	0.0026	9.71	81.24%
Ellenwood		0.0000	[redacted]			-0.0030	-0.0300	-0.0582	0.0169	0.0004	-0.0002	-0.0741	0.0000	[redacted]			-0.0056	-0.0549	-0.1022	0.0360	0.0015	-0.0004	-0.1256	0.0000	[redacted]			-0.0083	-0.0817	-0.1443	0.0560	0.0026	-0.0006	-0.1763	0.0000	[redacted]	
Ellington		0.0000	8.64	72.28%	11.96	-0.0034	-0.0106	-0.0182	0.0112	0.0003	-0.0012	-0.0219	0.0052	8.63	72.18%	11.96	-0.0062	-0.0204	-0.0341	0.0235	0.0013	-0.0023	-0.0382	0.0060	8.61	72.04%	11.96	-0.0091	-0.0308	-0.0500	0.0361	0.0030	-0.0035	-0.0543	0.0084	8.60	71.93%
Elliot		0.0000	1.70	75.32%	2.26	-0.0025	-0.0042	-0.0043	0.0032	0.0004	-0.0003	-0.0077	0.0000	1.69	75.02%	2.26	-0.0046	-0.0081	-0.0083	0.0066	0.0010	-0.0006	-0.0140	0.0000	1.69	74.71%	2.26	-0.0069	-0.0122	-0.0123	0.0099	0.0019	-0.0009	-0.0205	0.0000	1.68	74.40%
Elmer		1.1831	11.92	84.45%	14.12	-0.0103	-0.0100	-0.0176	0.0479	0.0008	-0.0008	0.0100	1.2399	12.00	85.02%	14.12	-0.0186	-0.0192	-0.0347	0.0989	0.0021	-0.0015	0.0270	1.2610	12.04	85.30%	14.12	-0.0279	-0.0289	-0.0517	0.1486	0.0040	-0.0021	0.0420	1.2751	12.07	85.51%
Elmo		0.0002	4.75	75.84%	6.26	-0.0020	-0.0085	-0.0052	0.0022	0.0006	0.0001	-0.0128	0.0026	4.74	75.74%	6.26	-0.0040	-0.0154	-0.0105	0.0067	0.0016	0.0003	-0.0213	0.0037	4.74	75.64%	6.26	-0.0060	-0.0228	-0.0160	0.0132	0.0026	0.0005	-0.0285	0.0463	4.77	76.26%
Elowin		0.0004	10.70	89.50%	11.96	-0.0202	-0.0057	-0.0184	0.0106	0.0007	-0.0006	-0.0336	0.0064	10.68	89.34%	11.96	-0.0354	-0.0107	-0.0358	0.0223	0.0025	-0.0011	-0.0582	0.0090	10.66	89.14%	11.96	-0.0518	-0.0160	-0.0534	0.0340	0.0058	-0.0017	-0.0831	0.0156	10.64	88.98%
Elpac		0.0000	[redacted]			-0.0001	-0.0015	-0.0131	0.0077	0.0046	0.0000	-0.0024	0.0000	[redacted]			-0.0002	-0.0027	-0.0230	0.0238	0.0092	0.0000	0.0071	0.0007	[redacted]			-0.0003	-0.0040	-0.0317	0.0472	0.0137	0.0000	0.0249	0.0023	[redacted]	
Elprado		0.0004	10.82	90.46%	11.96	-0.0112	-0.0031	-0.0115	0.0618	0.0012	-0.0004	0.0368	0.0071	10.87	90.90%	11.96	-0.0199	-0.0060	-0.0243	0.1259	0.0029	-0.0007	0.0779	0.0103	10.91	91.28%	11.96	-0.0292	-0.0091	-0.0373	0.1865	0.0058	-0.0010	0.1157	0.0149	10.95	91.62%
Elroy		0.6515	[redacted]			-0.0026	-0.0303	-0.0403	0.0205	0.0005	-0.0002	-0.0524	0.6532	[redacted]			-0.0051	-0.0562	-0.0718	0.0457	0.0018	-0.0002	-0.0858	0.6532	[redacted]			-0.0077	-0.0840	-0.1021	0.0741	0.0035	-0.0004	-0.1166	0.6532	[redacted]	
Elster		0.0000	7.56	90.54%	8.35	-0.0086	-0.0013	-0.0130	0.0202	0.0011	-0.0059	-0.0075	0.0004	7.56	90.52%	8.35	-0.0161	-0.0024	-0.0257	0.0416	0.0034	-0.0097	-0.0089	0.0006	7.55	90.50%	8.35	-0.0241	-0.0036	-0.0384	0.0622	0.0064	-0.0135	-0.0110	0.0010	7.55	90.47%
Elsworth		0.0000	[redacted]			-0.0617	-0.0244	-0.0220	0.0171	0.0007	-0.0001	-0.0904	0.0000	[redacted]			-0.1166	-0.0456	-0.0402	0.0367	0.0018	-0.0001	-0.1640	0.0000	[redacted]			-0.1735	-0.0683	-0.0580	0.0544	0.0033	0.0000	-0.2421	0.0000	[redacted]	
Emigrant		0.0000	[redacted]			0.0000	-0.0015	-0.0016	0.0001	0.0001	0.0000	-0.0029	0.0000	[redacted]			0.0000	-0.0025	-0.0030	0.0003	0.0002	-0.0001	-0.0051	0.0000	[redacted]			0.0000	-0.0036	-0.0042	0.0005	0.0003	-0.0002	-0.0072	0.0125	[redacted]	
Emory		0.0000	[redacted]			-0.0013	-0.0119	-0.0141	0.0442	0.0026	-0.0004	0.0191	0.0000	[redacted]			-0.0031	-0.0270	-0.0271	0.0860	0.0063	-0.0007	0.0344	0.0000	[redacted]			-0.0051	-0.0440	-0.0401	0.1248	0.0108	-0.0009	0.0455	0.0000	[redacted]	
Empire		0.0000	9.87	65.55%	15.06	-0.0050	-0.0130	-0.0395	0.0313	0.0011	-0.0006	-0.0257	1.1790	11.11	73.79%	15.06	-0.0087	-0.0244	-0.0656	0.0639	0.0019	-0.0012	-0.0341	1.1790	11.10	73.72%	15.06	-0.0128	-0.0366	-0.0908	0.0949	0.0032	-0.0018	-0.0439	1.1790	11.09	73.63%
Emporia		0.0000	2.23	93.25%	2.39	-0.0010	-0.0011	-0.0028	0.0053	0.0003	-0.0002	0.0005	0.0000	2.23	93.32%	2.39	-0.0018	-0.0021	-0.0054	0.0108	0.0011	-0.0004	0.0022	0.0000	2.23	93.40%	2.39	-0.0026	-0.0032	-0.0080	0.0160	0.0021	-0.0006	0.0037	0.0015	2.23	93.54%
Empresa		0.6608	10.12	84.65%	11.96	-0.0188	-0.0155	-0.0293	0.0628	0.0006	-0.0003	-0.0005	0.6661	8.88	74.28%	11.96	-0.0345	-0.0288	-0.0551	0.1302	0.0016	-0.0006	0.0128	0.6681	8.90	74.39%	11.96	-0.0516	-0.0431	-0.0804	0.1965	0.0031	-0.0009	0.0236	0.6702	8.91	74.48%
Emsco		0.0001	9.74	90.25%	10.79	-0.0021	-0.0346	-0.0511	0.0068	0.0007	-0.0001	-0.0804	0.0018	9.68	89.68%	10.79	-0.0041	-0.0639	-0.0911	0.0147	0.0017	-0.0003	-0.1430	0.0018	9.62	89.08%	10.79	-0.0063	-0.0954	-0.1294	0.0231	0.0028	-0.0004	-0.2056	0.0018	9.55	88.47%
Encanto		0.0000	8.36	51.69%	16.18	-0.0112	-0.0103	-0.0199	0.0185	0.0015	0.0000	-0.0214	0.0000	8.35	51.59%	16.18	-0.0193	-0.0190	-0.0401	0.0390	0.0025	0.0000	-0.0369	0.0000	8.36	51.65%	16.18	-0.0220	-0.0219	-0.0583	0.0716	0.0040	-0.0011	-0.0277	0.0000	8.34	51.56%
Enchanted		0.0003	[redacted]			-0.0063	-0.0157	-0.0298	0.0246	0.0004	0.0001	-0.0267	5.7049	[redacted]			-0.0120	-0.0287	-0.0506	0.0520	0.0007	0.0001	-0.0385	5.7060	[redacted]			-0.0180	-0.0427	-0.0717	0.0802	0.0012	0.0001	-0.0509	5.7060	[redacted]	
Endicott		0.0000	2.66	94.93%	2.80	-0.0024	-0.0002	-0.0020	0.0148	0.0006	0.0000	0.0108	0.0007	2.68	95.61%	2.80	-0.0037	-0.0003	-0.0043	0.0345	0.0016	-0.0001	0.0277	0.0010	2.69	96.25%	2.80	-0.0051	-0.0005	-0.0067	0.0531	0.0030	-0.0002	0.0436	0.0017	2.71	96.85%
Endor		0.0000	7.62	63.72%	11.96	-0.0049	-0.0043	-0.0163	0.0145	0.0005	-0.0005	-0.0110	0.0000	7.61	63.61%	11.96	-0.0103	-0.0096	-0.0313	0.0273	0.0015	-0.0009	-0.0233	0.0000	7.59	63.50%	11.96	-0.0160	-0.0153	-0.0458	0.0404	0.0028	-0.0013	-0.0352	0.0001	7.58	63.40%
Energy		0.0003	9.94	61.44%	16.18	-0.0079	-0.0038	-0.0168	0.3996	0.0006	-0.0005	0.3712	0.0046	11.63	71.90%	16.18	-0.0153	-0.0070	-0.0333	0.8182	0.0022	-0.0009	0.7639	0.0067	11.96	73.96%	16.18	-0.0259	-0.0118	-0.0475	1.1478	0.0042	-0.0013	1.0655	0.0117	12.28	75.89%
Engine		0.0001	[redacted]			-0.0005	-0.0062	-0.0031	0.0022	0.0001	-0.0001	-0.0076	0.0014	[redacted]			-0.0010	-0.0115	-0.0056	0.0046	0.0003	-0.0001	-0.0133	0.0020	[redacted]			-0.0015	-0.0172	-0.0080	0.0070	0.0005	-0.0001	-0.0193	0.0035	[redacted]	
England		0.0000	0.47	17.05%	2.78	0.0000	0.0000	-0.0005	0.0078	0.0024	-0.0002	0.0095	0.0000	0.49	17.42%	2.78	0.0000	0.0000	-0.0009	0.0159	0.0051	-0.0005	0.0196	0.0000	0.50	17.79%	2.78	0.0000	0.0000	-0.0013	0.0238	0.0076	-0.0008	0.0293	0.0000	0.50	18.12%
English		0.0000	9.26	78.87%	11.74	-0.0095	-0.0173	-0.0314	0.0384	0.0012	-0.0010	-0.0196	0.0000	9.25	78.81%	11.74	-0.0188	-0.0329	-0.0544	0.0791	0.0026	-0.0019	-0.0263	0.0000	9.24	78.73%	11.74	-0.0285	-0.0495	-0.0777	0.1186	0.0050	-0.0028	-0.0349	0.0000	9.23	78.63%
Enid		0.0000	[redacted]			-0.0004	-0.0138	-0.0145	0.0017	0.0002	0.0004	-0.0264	0.0004	[redacted]			-0.0008	-0.0251	-0.0272	0.0035	0.0005	0.0008	-0.0483	0.0006	[redacted]			-0.0012	-0.0373	-0.0400	0.0053	0.0009	0.0012	-0.0711	0.0010	[redacted]	
Enloe		2.8460	12.29	86.01%	14.29	-0.0116	-0.0265	-0.0385	0.0145	0.0009	-0.0008	-0.0620	5.9210	13.23	92.58%	14.29	-0.0198	-0.0465	-0.0689	0.0336	0.0018	-0.0018	-0.1016	5.9210	14.11	98.69%	14.29	-0.0295	-0.0679	-0.0996	0.0521	0.0033	-0.0027	-0.1443	5.9210	14.06	98.34%
Ensign		0.0000	1.70	60.58%	2.80	-0.0007	-0.0004	-0.0034	0.0144	0.0006	-0.0004	0.0101	0.0002	1.71	60.96%	2.80	-0.0020	-0.0013	-0.0068	0.0292	0.0015	-0.0007	0.0199	0.0003	1.72	61.33%	2.80	-0.0027	-0.0017	-0.0100	0.0423	0.0029	-0.0012	0.0296	0.0003	1.73	61.64%
Enterprise		0.0005	12.71	78.59%	16.18	-0.0117	-0.0395	-0.0495	0.0399	0.0027	0.0016	-0.0565	0.0077	12.68	78.39%	16.18	-0.0223	-0.0729	-0.0923	0.0831	0.0057	0.0041	-0.0946	0.0109	12.63	78.07%	16.18	-0.0338	-0.1114	-0.1378	0.1223	0.0088	0.0049	-0.1470	0.0184	12.58	77.79%
Entrada		0.0000	[redacted]			-0.0120	-0.0199	-0.0343	0.0073	0.0008	-0.0010	-0.0591	0.0000	[redacted]			-0.0220	-0.0369	-0.0579	0.0151	0.0017	-0.0019	-0.1019	0.0000	[redacted]			-0.0318	-0.0551	-0.0816	0.0226	0.0032	-0.0027	-0.1454	0.0605	[redacted]	
Epsilon		0.0000	[redacted]			-0.0015	-0.0123	-0.0129	0.0516	0.0022	0.0001	0.0272	0.0000	[redacted]			-0.0030	-0.0226	-0.0235	0.1155	0.0046	0.0003	0.0713	0.0000	[redacted]			-0.0046	-0.0337	-0.0339	0.1596	0.0073	0.0004	0.0951	0.0000	[redacted]	
Equinox	GNA_2023_311	0.6513	8.91	74.53%	11.96	-0.0175	-0.0022	-0.0046	0.0379	0.0010	-0.0001	0.0145	1.4095	9.77	81.69%	11.96	-0.0332	-0.0040	-0.0095	0.0782	0.0019	-0.0002	0.0332	1.6718	10.09	84.39%	11.96	-0.0408	-0.0050	-0.0142	0.1219	0.0034	-0.0015	0.0638	2.0315	10.51	87.86%
Erie		0.0000	2.18	80.48%	2.71	-0.0019	-0.0031	-0.0073	0.0214	0.0011	-0.0003	0.0099	0.0002	2.19	80.97%	2.71	-0.0035	-0.0061	-0.0130	0.0437	0.0020	-0.0007	0.0224	0.0003	2.20	81.42%	2.71	-0.0053	-0.0093	-0.0186	0.0648	0.0033	-0.0011	0.0338	0.0005	2.22	81.82%
Erin		0.0002	10.91	91.28%	11.96	-0.0187	-0.0168	-0.0305	0.0066	0.0011	-0.0015	-0.0598	0.0030	9.99	83.57%	11.96	-0.0343	-0.0319	-0.0580	0.0138	0.0028	-0.0028	-0.1104	0.0034	9.94	83.11%	11.96	-0.0506	-0.0479	-0.0851	0.0210	0.0056	-0.0041	-0.1611	0.0047	9.87	82.51%
Erringer		0.0004	12.15	75.14%	16.18	-0.0138	-0.0114	-0.0241	0.0428	0.0013	-0.0010	-0.0062	0.0053	12.17	75.21%	16.18	-0.0245	-0.0220	-0.0434	0.0885	0.0028	-0.0019	-0.0005	0.0071	12.17	75.24%	16.18	-0.0357	-0.0333	-0.0632	0.1331	0.0054	-0.0027	0.0036	0.0090	12.18	75.27%
Erskine		0.0002	7.21	86.38%	8.35	-0.0140	-0.0105	-0.0182	0.0051	0.0005	-0.0025	-0.0396	0.0034	7.18	85.97%	8.35	-0.0257	-0.0200	-0.0385	0.0124	0.0018	-0.0048	-0.0748	0.0048	7.14	85.54%	8.35	-0.0384	-0.0302	-0.0590	0.0215	0.0041	-0.0072	-0.1092	0.0083	7.11	85.16%
Escala		0.0001	1.48	37.91%	3.91	-0.0173	-0.0003	-0.0013	0.0225	0.0001	-0.0001	0.0036	0.0001	1.50	38.42%	3.91	-0.0281	-0.0004	-0.0027	0.0523	0.0007	-0.0002	0.0216	0.0001	1.52	38.89%	3.91	-0.0385	-0.0005	-0.0041	0.0806	0.0014	-0.0003	0.0386	0.0001	1.54	39.32%
Escalona		0.0001	5.00	41.79%	11.96	-0.0009	-0.0149	-0.0259	0.0345	0.0003	-0.0002	-0.0071	0.0016	5.03	42.06%	11.96	-0.0018	-0.0272	-0.0438	0.0955	0.0005	-0.0003	0.0229	0.0022	5.06	42.30%	11.96	-0.0027	-0.0405	-0.0620	0.1539	0.0009	-0.0004	0.0492	0.0953	5.21	43.57%
Escamilla		0.0004	9.96	83.34%	11.96	-0.0030	-0.0126	-0.0304	0.0237	0.0009	-0.0021	-0.0235	0.0060	9.96	83.26%	11.96	-0.0055	-0.0239	-0.0555	0.0486	0.0023	-0.0039	-0.0379	0.0086	9.94	83.15%	11.96	-0.0081	-0.0360	-0.0800	0.0725	0.0043	-0.0057	-0.0530	0.0149	9.93	83.04%
Espresso		0.0411	[redacted]			-0.0211	-0.0164	-0.0244	0.0028	0.0003	-0.0001	-0.0589	3.3049	[redacted]			-0.0388	-0.0299	-0.0436	0.0077	0.0010	-0.0002	-0.1038	3.3049	[redacted]			-0.0573	-0.0444	-0.0619	0.0147	0.0020	-0.0003	-0.1472	3.3049	[redacted]	
Essex		0.5014	[redacted]			-0.0073	-0.0331	-0.0516	0.0170	0.0010	-0.0014	-0.0754	0.6347	[redacted]			-0.0141	-0.0613	-0.0902	0.0355	0.0022	-0.0027	-0.1306	0.6823	[redacted]			-0.0238	-0.1025	-0.1293	0.0512	0.0042	-0.0036	-0.2038	0.7125	[redacted]	
Estaban		0.0000	11.52	86.87%	13.26	0.0000	0.0000	-0.0121	0.0978	0.0033	-0.0004	0.0886	0.0000	11.63	87.66%	13.26	0.0000	0.0000	-0.0225	0.2036	0.0073	-0.0008	0.1876	0.0000	11.74	88.51%	13.26	0.0000	0.0000	-0.0329	0.3169	0.0107	-0.0011	0.2936	0.0000	11.38	85.81%
Estates		0.0000	1.75	64.53%	2.71	-0.0017	-0.0005	-0.0018	0.0096	0.0004	-0.0002	0.0058	0.0003	1.76	64.83%	2.71	-0.0031	-0.0010	-0.0036	0.0196	0.0013	-0.0004	0.0128	0.0004	1.76	65.10%	2.71	-0.0047	-0.0016	-0.0054	0.0291	0.0025	-0.0006	0.0193	0.0007	1.77	65.33%
Esther		0.0001	[redacted]			-0.0023	-0.0065	-0.0113	0.0087	0.0008	0.0000	-0.0106	0.0007	[redacted]			-0.0042	-0.0121	-0.0192	0.0182	0.0017	0.0001	-0.0155	0.0009	[redacted]			-0.0064	-0.0181	-0.0267	0.0273	0.0027	0.0002	-0.0210	0.0012	[redacted]	
Ethanac	GNA_2023_332	0.1958	11.18	93.48%	11.96	-0.0796	-0.0155	-0.0166	0.0150	0.0026	0.0001	-0.0940	0.7438	11.69	97.81%	11.96	-0.1427	-0.0287	-0.0345	0.0320	0.0043	0.0002	-0.1694	1.7664	12.78	106.87%	11.96	-0.1773	-0.0362	-0.0530	0.0558	0.0071	0.0000	-0.2036	3.5840	10.92	91.34%
Etting		0.0001	[redacted]			-0.0017	-0.0087	-0.0171	0.0061	0.0016	-0.0003	-0.0201	0.0022	[redacted]			-0.0032	-0.0160	-0.0309	0.0127	0.0035	-0.0005	-0.0344	0.0031	[redacted]			-0.0047	-0.0239	-0.0444	0.0193	0.0057	-0.0007	-0.0487	0.0054	[redacted]	
Eucalyptus		0.0000	7.07	59.14%	11.96	-0.0135	-0.0007	-0.0059	0.0449	0.0008	0.0000	0.0256	0.0000	7.10	59.42%	11.96	-0.0242	-0.0013	-0.0129	0.0925	0.0020	0.0000	0.0561	0.0000	7.14	59.69%	11.96	-0.0355	-0.0020	-0.0201	0.1386	0.0038	0.0000	0.0848	0.0000	7.18	60.04%
Euphrates	GNA_2023_270	0.0004	11.54	96.50%	11.96	-0.0140	-0.0096	-0.0246	0.0200	0.0009	-0.0004	-0.0277	0.0071	11.53	96.41%	11.96	-0.0253	-0.0179	-0.0438	0.0413	0.0019	-0.0008	-0.0446	0.0102	11.51	96.26%	11.96	-0.0382	-0.0268	-0.0634	0.0621	0.0036	-0.0012	-0.0639	0.0175	11.49	96.14%
Euro		0.0001	[redacted]			-0.0039	-0.0062	-0.0076	0.0081	0.0025	0.0001	-0.0070	0.0017	[redacted]			-0.0079	-0.0113	-0.0133	0.0169	0.0053	0.0002	-0.0101	0.0022	[redacted]			-0.0121	-0.0168	-0.0188	0.0258	0.0082	0.0003	-0.0134	0.0027	[redacted]	
Evans		0.0001	6.71	44.57%	15.06	-0.0034	-0.0257	-0.0299	0.0199	0.0005	-0.0004	-0.0390	0.0017	6.69	44.40%	15.06	-0.0064	-0.0486	-0.0535	0.0422	0.0017	-0.0009	-0.0655	0.0017	6.66	44.22%	15.06	-0.0095	-0.0730	-0.0763	0.0652	0.0030	-0.0013	-0.0919	0.0017	6.63	44.02%
Everest		0.0005	11.93	99.74%	11.96	-0.0167	-0.0061	-0.0123	0.0142	0.0016	-0.0003	-0.0196	0.0079	11.58	96.88%	11.96	-0.0289	-0.0111	-0.0266	0.0289	0.0039	-0.0006	-0.0344	0.0114	11.57	96.77%	11.96	-0.0419	-0.0165	-0.0412	0.0428	0.0078	-0.0009	-0.0499	0.0622	11.62	97.14%
Everett		0.2911	9.41	66.65%	14.12	-0.0105	-0.0158	-0.0283	0.0255	0.0007	-0.0013	-0.0297	0.2916	9.39	66.50%	14.12	-0.0190	-0.0298	-0.0519	0.0526	0.0018	-0.0025	-0.0488	0.2917	9.37	66.34%	14.12	-0.0283	-0.0448	-0.0751	0.0789	0.0032	-0.0036	-0.0697	0.3146	9.36	66.33%
Evergreen		0.0000	2.12	72.36%	2.93	-0.0014	-0.0015	-0.0041	0.0049	0.0005	-0.0004	-0.0020	0.0000	2.12	72.34%	2.93	-0.0026	-0.0029	-0.0080	0.0100	0.0015	-0.0007	-0.0027	0.0000	2.12	72.30%	2.93	-0.0040	-0.0044	-0.0119	0.0148	0.0028	-0.0010	-0.0037	0.0000	2.12	72.26%
Evita		0.0003	[redacted]			-0.0063	-0.0056	-0.0216	0.0317	0.0106	0.0020	0.0108	0.0020	[redacted]			-0.0113	-0.0103	-0.0410	0.0654	0.0228	0.0038	0.0294	0.0023	[redacted]			-0.0169	-0.0153	-0.0600	0.1001	0.0347	0.0056	0.0482	0.0023	[redacted]	
Excelsior		0.0001	2.63	89.81%	2.93	-0.0048	-0.0001	-0.0026	0.0133	0.0009	0.0000	0.0067	0.0017	2.64	90.18%	2.93	-0.0086	-0.0002	-0.0055	0.0271	0.0025	0.0000	0.0153	0.0024	2.65	90.49%	2.93	-0.0132	-0.0003	-0.0085	0.0402	0.0046	0.0000	0.0228	0.0041	2.66	90.79%
Executive		0.0000	9.62	61.92%	15.53	-0.0026	-0.0147	-0.0238	0.0263	0.0013	-0.0001	-0.0136	0.0000	9.62	61.95%	15.53	-0.0046	-0.0265	-0.0438	0.0632	0.0028	-0.0006	-0.0095	0.0000	9.62	61.97%	15.53	-0.0068	-0.0391	-0.0632	0.0991	0.0046	-0.0010	-0.0064	0.1837	9.82	63.23%
Exline		0.0004	12.88	95.23%	13.53	-0.0029	-0.0067	-0.0405	0.0419	0.0013	-0.0027	-0.0096	0.0067	11.73	86.70%	13.53	-0.0093	-0.0221	-0.0786	0.0837	0.0031	-0.0043	-0.0275	0.0097	11.72	86.59%	13.53	-0.0167	-0.0386	-0.1166	0.1272	0.0058	-0.0059	-0.0448	0.0168	11.72	86.65%
Explorer		0.0003	[redacted]			-0.0046	-0.0273	-0.0317	0.0173	0.0003	0.0006	-0.0454	0.0048	[redacted]			-0.0101	-0.0544	-0.0608	0.0327	0.0007	0.0006	-0.0913	0.0069	[redacted]			-0.0158	-0.0835	-0.0917	0.0484	0.0011	0.0006	-0.1409	0.0104	[redacted]	
Expo		0.0000	1.26	63.71%	1.98	-0.0026	-0.0013	-0.0037	0.0047	0.0006	-0.0002	-0.0025	0.0004	1.26	63.63%	1.98	-0.0049	-0.0025	-0.0076	0.0096	0.0014	-0.0003	-0.0043	0.0006	1.26	63.55%	1.98	-0.0072	-0.0038	-0.0116	0.0142	0.0028	-0.0004	-0.0060	0.0008	1.26	63.63%
Extinguisher		0.0002	[redacted]			-0.0015	-0.0229	-0.0354	0.0019	0.0001	-0.0012	-0.0590	0.0012	[redacted]			-0.0030	-0.0421	-0.0626	0.0040	0.0003	-0.0022	-0.1056	0.0014	[redacted]			-0.0044	-0.0628	-0.0886	0.0061	0.0006	-0.0033	-0.1524	0.0014	[redacted]	
Ezra		0.0000	2.11	75.43%	2.80	-0.0016	-0.0006	-0.0038	0.0145	0.0008	-0.0006	0.0087	0.0000	2.12	75.80%	2.80	-0.0028	-0.0011	-0.0076	0.0296	0.0018	-0.0015	0.0184	0.0000	2.14	76.37%	2.80	-0.0028	-0.0011	-0.0094	0.0418	0.0071	-0.0020	0.0336	0.0000	2.15	76.70%
Facemask		0.0003	8.83	73.82%	11.96	-0.0194	-0.0101	-0.0178	0.0181	0.0007	-0.0001	-0.0286	0.0060	8.82	73.81%	11.96	-0.0303	-0.0158	-0.0326	0.0421	0.0021	-0.0005	-0.0350	0.0084	8.82	73.78%	11.96	-0.0409	-0.0219	-0.0463	0.0651	0.0039	-0.0009	-0.0410	0.0106	8.82	73.73%
Factor		0.0003	[redacted]			-0.0006	-0.0546	-0.0626	0.0058	0.0008	0.0000	-0.1112	0.0053	[redacted]			-0.0012	-0.0990	-0.1172	0.0129	0.0019	0.0000	-0.2026	0.0077	[redacted]			-0.0018	-0.1469	-0.1718	0.0208	0.0034	0.0000	-0.2963	0.0095	[redacted]	
Factory		0.0000	[redacted]			-0.0007	-0.0122	-0.0167	0.0041	0.0002	-0.0003	-0.0256	0.0000	[redacted]			-0.0014	-0.0225	-0.0308	0.0085	0.0005	-0.0005	-0.0462	0.0000	[redacted]			-0.0021	-0.0336	-0.0446	0.0129	0.0009	-0.0007	-0.0672	0.0000	[redacted]	
Faculty		0.0000	2.79	95.42%	2.93	-0.0001	0.0000	-0.0020	0.0167	0.0009	-0.0005	0.0150	0.0000	2.81	96.01%	2.93	-0.0001	0.0000	-0.0041	0.0340	0.0026	-0.0016	0.0308	0.0000	2.83	96.60%	2.93	-0.0002	0.0000	-0.0063	0.0508	0.0052	-0.0028	0.0467	0.0000	2.85	97.16%
Fagan		0.0000	5.15	43.10%	11.96	-0.0023	-0.0117	-0.0229	0.0198	0.0008	-0.0003	-0.0166	0.0000	5.15	43.05%	11.96	-0.0042	-0.0216	-0.0390	0.0419	0.0017	-0.0005	-0.0217	0.0000	5.14	43.00%	11.96	-0.0062	-0.0322	-0.0554	0.0645	0.0032	-0.0007	-0.0268	0.0000	5.14	42.96%
Fair Acres		0.0000	1.07	36.69%	2.93	-0.0014	-0.0017	-0.0027	0.0120	0.0006	-0.0001	0.0067	0.0002	1.08	36.96%	2.93	-0.0025	-0.0033	-0.0056	0.0247	0.0014	-0.0002	0.0145	0.0002	1.09	37.21%	2.93	-0.0037	-0.0050	-0.0086	0.0370	0.0022	-0.0003	0.0216	0.0002	1.10	37.54%
Fairbanks		0.0001	1.81	75.77%	2.39	-0.0026	-0.0014	-0.0044	0.0141	0.0004	-0.0005	0.0056	0.0010	1.82	76.16%	2.39	-0.0047	-0.0027	-0.0084	0.0289	0.0013	-0.0010	0.0134	0.0014	1.84	77.14%	2.39	-0.0047	-0.0027	-0.0100	0.0486	0.0047	-0.0007	0.0352	0.0019	1.86	78.11%
Fairburn		0.0003	10.37	86.75%	11.96	-0.0394	-0.0098	-0.0222	0.0113	0.0014	-0.0016	-0.0603	0.0047	10.33	86.39%	11.96	-0.0709	-0.0185	-0.0415	0.0266	0.0033	-0.0030	-0.1040	0.0060	10.28	86.00%	11.96	-0.1063	-0.0278	-0.0598	0.0453	0.0055	-0.0043	-0.1474	0.0612	10.30	86.12%
Fairhaven		4.9867	11.18	73.82%	15.15	-0.0017	-0.0092	-0.0562	0.0529	0.0010	-0.0031	-0.0163	8.8575	12.51	82.61%	15.15	-0.0051	-0.0272	-0.1026	0.1013	0.0024	-0.0049	-0.0361	8.8577	12.49	82.46%	15.15	-0.0088	-0.0465	-0.1477	0.1475	0.0044	-0.0068	-0.0579	8.8578	12.48	82.40%
Fairlane		0.0000	8.45	70.64%	11.96	-0.0360	-0.0060	-0.0188	0.0237	0.0014	0.0000	-0.0357	0.0000	8.42	70.44%	11.96	-0.0630	-0.0109	-0.0353	0.0488	0.0033	0.0000	-0.0571	0.0000	8.42	70.38%	11.96	-0.0821	-0.0142	-0.0513	0.0784	0.0061	0.0000	-0.0631	0.0000	8.40	70.29%
Fairman		0.0000	7.06	80.14%	8.80	0.0000	0.0000	-0.0214	0.0704	0.0026	-0.0017	0.0499	0.0000	7.10	80.61%	8.80	-0.0018	-0.0128	-0.0479	0.1496	0.0057	-0.0032	0.0896	0.0000	7.78	88.35%	8.80	-0.0018	-0.0128	-0.0634	0.2452	0.0129	-0.0039	0.1762	0.0000	7.87	89.38%
Fairmont		0.0000	[redacted]			-0.0055	-0.0059	-0.0040	0.0142	0.0014	0.0000	0.0002	0.0004	[redacted]			-0.0061	-0.0064	-0.0079	0.0351	0.0020	0.0000	0.0167	0.0006	[redacted]			-0.0067	-0.0069	-0.0113	0.0564	0.0034	0.0000	0.0349	0.0010	[redacted]	
Fairplex		0.0000	[redacted]			-0.0007	-0.0133	-0.0299	0.0027	0.0048	0.0000	-0.0364	0.0000	[redacted]			-0.0015	-0.0240	-0.0516	0.0056	0.0113	0.0000	-0.0602	0.0000	[redacted]			-0.0023	-0.0356	-0.0715	0.0084	0.0214	0.0000	-0.0796	0.0000	[redacted]	
Fairway		0.0004	10.95	91.60%	11.96	-0.0205	-0.0063	-0.0159	0.0646	0.0011	-0.0003	0.0227	0.0030	10.99	91.90%	11.96	-0.0383	-0.0120	-0.0326	0.1340	0.0029	-0.0006	0.0534	0.0040	11.02	92.17%	11.96	-0.0571	-0.0181	-0.0494	0.2024	0.0057	-0.0009	0.0826	0.0053	11.06	92.46%
Falcon		0.0000	1.07	65.14%	1.65	-0.0003	-0.0012	-0.0023	0.0075	0.0008	0.0000	0.0045	0.0000	1.08	65.51%	1.65	-0.0006	-0.0023	-0.0042	0.0157	0.0017	0.0001	0.0104	0.0000	1.09	37.07%	2.93	-0.0009	-0.0035	-0.0061	0.0239	0.0027	0.0002	0.0163	0.0000	1.10	37.72%
Fallis		0.0000	1.38	49.31%	2.80	-0.0008	-0.0031	-0.0025	0.0038	0.0002	-0.0006	-0.0030	0.0004	1.38	49.25%	2.80	-0.0016	-0.0061	-0.0046	0.0078	0.0005	-0.0012	-0.0052	0.0005	1.38	49.17%	2.80	-0.0024	-0.0092	-0.0066	0.0117	0.0010	-0.0017	-0.0072	0.0358	1.41	50.46%
Fallon		0.0001	8.21	68.64%	11.96	-0.0085	-0.0073	-0.0186	0.0321	0.0010	-0.0008	-0.0021	0.0010	8.22	68.72%	11.96	-0.0153	-0.0137	-0.0332	0.0669	0.0022	-0.0015	0.0054	0.0013	8.22	68.76%	11.96	-0.0230	-0.0206	-0.0482	0.0999	0.0041	-0.0021	0.0101	0.0017	8.22	68.78%
Fano		0.0000	10.36	86.62%	11.96	-0.0077	-0.0009	-0.0083	0.0658	0.0011	-0.0002	0.0498	0.0000	10.42	87.12%	11.96	-0.0141	-0.0017	-0.0177	0.1347	0.0027	-0.0003	0.1036	0.0000	10.47	87.60%	11.96	-0.0205	-0.0025	-0.0273	0.2004	0.0054	-0.0004	0.1551	0.0000	10.53	88.06%
Fantail		0.0003	9.44	72.12%	13.09	0.0000	0.0000	-0.0251	0.0997	0.0070	-0.0007	0.0809	0.0042	9.54	72.91%	13.09	0.0000	0.0000	-0.0455	0.2030	0.0153	-0.0019	0.1709	0.0059	9.65	73.69%	13.09	0.0000	0.0000	-0.0633	0.3069	0.0216	-0.0024	0.2628	0.0098	9.78	74.72%
Fantastico		0.0001	[redacted]			-0.0407	-0.0093	-0.0294	0.0275	0.0014	0.0000	-0.0505	0.0020	[redacted]			-0.0735	-0.0168	-0.0559	0.0560	0.0034	0.0000	-0.0868	0.0029	[redacted]			-0.1105	-0.0249	-0.0820	0.0830	0.0069	0.0000	-0.1275	0.0978	[redacted]	
Fanwood		0.0000	2.82	96.31%	2.93	-0.0071	-0.0006	-0.0037	0.0320	0.0006	0.0000	0.0212	0.0000	2.85	97.26%	2.93	-0.0125	-0.0012	-0.0078	0.0654	0.0025	-0.0001	0.0463	0.0000	2.87	98.10%	2.93	-0.0188	-0.0018	-0.0118	0.0971	0.0044	-0.0001	0.0690	0.0000	2.89	98.83%
Farallon		0.1969	[redacted]			-0.0028	-0.0128	-0.0376	0.0305	0.0005	-0.0001	-0.0223	0.2408	[redacted]			-0.0055	-0.0236	-0.0653	0.0624	0.0012	-0.0002	-0.0310	0.2551	[redacted]			-0.0083	-0.0352	-0.0906	0.0927	0.0023	-0.0003	-0.0394	0.2617	[redacted]	
Fargo		0.0001	5.28	50.64%	10.43	-0.0076	-0.0186	-0.0146	0.0046	0.0006	-0.0004	-0.0360	0.0011	5.25	50.35%	10.43	-0.0147	-0.0351	-0.0262	0.0101	0.0014	-0.0006	-0.0651	0.0022	5.22	50.06%	10.43	-0.0217	-0.0527	-0.0375	0.0162	0.0028	-0.0007	-0.0936	0.0043	5.20	49.83%
Farmington		0.0000	8.83	73.83%	11.96	-0.0172	-0.0037	-0.0109	0.0293	0.0110	0.0032	0.0117	0.4309	9.32	77.98%	11.96	-0.0310	-0.0070	-0.0187	0.0600	0.0215	0.0063	0.0311	0.4309	9.35	78.17%	11.96	-0.0448	-0.0105	-0.0283	0.0912	0.0343	0.0093	0.0512	0.5050	9.45	79.04%
Farms	GNA_2023_218	0.0523	11.71	97.98%	11.96	-0.0175	-0.0083	-0.0238	0.0077	0.0008	-0.0005	-0.0416	0.0666	11.69	97.79%	11.96	-0.0302	-0.0155	-0.0472	0.0159	0.0021	-0.0009	-0.0758	0.0720	11.66	97.53%	11.96	-0.0439	-0.0232	-0.0706	0.0239	0.0040	-0.0013	-0.1111	0.0758	11.63	97.23%
Faro		0.0000	[redacted]			-0.0017	-0.0069	-0.0106	0.0051	0.0004	0.0001	-0.0136	0.0000	[redacted]			-0.0034	-0.0126	-0.0184	0.0104	0.0008	0.0003	-0.0229	0.0005	[redacted]			-0.0051	-0.0187	-0.0257	0.0158	0.0012	0.0005	-0.0320	0.0017	[redacted]	
Farthing		0.0000	5.67	47.41%	11.96	-0.0019	-0.0015	-0.0107	0.1162	0.0010	-0.0012	0.1019	0.0000	5.79	48.38%	11.96	-0.0039	-0.0029	-0.0203	0.2365	0.0024	-0.0024	0.2094	0.0000	5.89	49.29%	11.96	-0.0059	-0.0044	-0.0302	0.3497	0.0048	-0.0037	0.3103	0.0000	5.99	50.10%
Fashion		0.0001	[redacted]			0.0000	0.0000	-0.0003	0.0044	0.0002	0.0000	0.0043	0.0006	[redacted]			0.0000	0.0000	-0.0006	0.0089	0.0004	0.0000	0.0087	0.0011	[redacted]			0.0000	0.0000	-0.0008	0.0136	0.0006	0.0000	0.0134	0.0020	[redacted]	
Faust		0.0001	2.16	73.90%	2.93	-0.0049	-0.0001	-0.0030	0.0193	0.0009	0.0000	0.0122	0.0010	2.18	74.48%	2.93	-0.0085	-0.0002	-0.0059	0.0394	0.0019	0.0000	0.0267	0.0014	2.20	74.99%	2.93	-0.0128	-0.0003	-0.0089	0.0585	0.0034	0.0000	0.0399	0.0024	2.21	75.47%
Faye		0.0000	2.50	44.42%	5.63	-0.0064	-0.0029	-0.0043	0.0007	0.0006	-0.0005	-0.0128	0.0000	2.49	44.21%	5.63	-0.0119	-0.0054	-0.0090	0.0021	0.0011	-0.0010	-0.0241	0.0000	2.48	44.01%	5.63	-0.0177	-0.0080	-0.0137	0.0042	0.0018	-0.0016	-0.0350	0.0000	2.48	44.07%
Federal		0.0000	[redacted]			-0.0003	-0.0070	-0.0138	0.0092	0.0004	0.0000	-0.0115	0.0000	[redacted]			-0.0006	-0.0127	-0.0239	0.0195	0.0011	0.0000	-0.0166	0.0000	[redacted]			-0.0009	-0.0189	-0.0332	0.0302	0.0020	0.0000	-0.0208	0.0000	[redacted]	
Federer		0.0000	11.60	97.01%	11.96	-0.0071	-0.0056	-0.0202	0.0210	0.0014	-0.0002	-0.0107	0.0000	11.59	96.95%	11.96	-0.0129	-0.0104	-0.0405	0.0428	0.0035	-0.0004	-0.0179	0.0000	11.58	96.89%	11.96	-0.0187	-0.0155	-0.0608	0.0634	0.0071	-0.0006	-0.0251	0.0000	11.58	96.83%
Fela		0.0000	6.29	59.49%	10.57	-0.0096	-0.0059	-0.0124	0.0260	0.0009	-0.0004	-0.0014	0.0000	6.29	59.55%	10.57	-0.0173	-0.0112	-0.0219	0.0537	0.0019	-0.0008	0.0044	0.0000	6.30	59.59%	10.57	-0.0259	-0.0168	-0.0316	0.0806	0.0036	-0.0012	0.0087	0.0000	6.30	59.61%
Feldspar		0.0001	10.76	76.19%	14.12	-0.0171	-0.0031	-0.0130	0.0920	0.0016	0.0000	0.0604	0.0014	10.84	76.77%	14.12	-0.0312	-0.0058	-0.0249	0.1920	0.0039	0.0001	0.1341	0.0023	10.92	77.35%	14.12	-0.0465	-0.0087	-0.0355	0.2920	0.0084	0.0002	0.2099	0.0037	11.00	77.92%
Felix		0.0000	5.68	47.48%	11.96	-0.0013	-0.0151	-0.0254	0.0229	0.0004	-0.0002	-0.0187	0.0000	5.66	47.37%	11.96	-0.0026	-0.0295	-0.0449	0.0450	0.0018	-0.0003	-0.0305	0.0000	5.65	47.22%	11.96	-0.0039	-0.0449	-0.0653	0.0638	0.0032	-0.0005	-0.0476	0.0000	5.63	47.06%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0104	-0.0078	-0.0220	0.0265	0.0042	0.0000	-0.0095	0.0024	[redacted]			-0.0136	-0.0099	-0.0269	0.0323	0.0063	0.0000	-0.0118	0.03	0.03	0.01	0.01	0.01	[redacted]				
[redacted]	-0.0147	-0.0037	-0.0037	0.0062	0.0016	0.0007	-0.0136	0.0039	[redacted]			-0.0179	-0.0047	-0.0045	0.0076	0.0023	0.0008	-0.0164	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0008	-0.0182	-0.0342	0.0085	0.0311	0.0000	-0.0136	0.0000	[redacted]			-0.0010	-0.0234	-0.0414	0.0103	0.0307	0.0000	-0.0248	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0220	-0.0001	-0.0127	0.0951	0.0062	-0.0016	0.0649	0.0000	2.24	80.13%	2.80	-0.0370	-0.0002	-0.0150	0.1110	0.0098	-0.0016	0.0670	0.41	0.44	0.46	0.46	0.46	14.64%	15.71%	16.43%	16.43%	16.43%
11.96	-0.0794	-0.0104	-0.0264	0.0404	0.0068	-0.0005	-0.0695	0.0058	6.01	50.28%	11.96	-0.0967	-0.0132	-0.0323	0.0514	0.0101	-0.0006	-0.0813	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	0.0000	0.0000	-0.0474	0.2270	0.0299	-0.0092	0.2003	0.0000	9.95	70.48%	14.12	0.0000	0.0000	-0.0580	0.2747	0.0378	-0.0118	0.2427	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0287	-0.0042	-0.0367	0.0664	0.0089	-0.0007	0.0050	0.0246	7.62	63.73%	11.96	-0.0349	-0.0052	-0.0452	0.0804	0.0138	-0.0009	0.0080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0464	-0.0868	-0.1442	0.2340	0.0078	-0.0019	-0.0375	0.0003	10.93	91.45%	11.96	-0.0545	-0.1024	-0.1765	0.2925	0.0113	-0.0025	-0.0321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0702	-0.0206	-0.0591	0.1649	0.0093	-0.0007	0.0236	0.2011	10.31	86.19%	11.96	-0.0874	-0.0262	-0.0725	0.2012	0.0143	-0.0009	0.0285	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0152	0.0015	0.0052	-0.0003	-0.0088	0.0000	[redacted]			0.0000	0.0000	-0.0184	0.0020	0.0068	-0.0004	-0.0100	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0080	-0.0629	-0.0808	0.1644	0.0048	-0.0005	0.0170	0.0006	[redacted]			-0.0100	-0.0801	-0.0980	0.2140	0.0073	-0.0006	0.0326	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.91	-0.0146	-0.0808	-0.1405	0.0741	0.0040	-0.0015	-0.1593	4.0203	11.26	94.54%	11.91	-0.0201	-0.1058	-0.1735	0.0896	0.0062	-0.0018	-0.2054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0032	-0.0008	-0.0128	0.0345	0.0053	-0.0015	0.0215	0.0001	2.65	90.46%	2.93	-0.0043	-0.0010	-0.0158	0.0413	0.0074	-0.0020	0.0256	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0352	-0.0683	-0.0912	0.0875	0.0079	-0.0064	-0.1057	0.0002	7.33	61.34%	11.96	-0.0465	-0.0934	-0.1118	0.1049	0.0127	-0.0075	-0.1416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1069	-0.0443	-0.0645	0.0685	0.0062	-0.0023	-0.1433	0.6494	[redacted]			-0.1360	-0.0564	-0.0785	0.0892	0.0093	-0.0030	-0.1754	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0085	-0.1899	-0.1975	0.0098	0.0098	0.0000	-0.3763	4.9546	[redacted]			-0.0101	-0.2349	-0.2373	0.0123	0.0108	-0.0001	-0.4593	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.20	-0.0094	-0.0169	-0.0103	0.0086	0.0012	-0.0016	-0.0284	0.0000	0.80	36.60%	2.20	-0.0111	-0.0208	-0.0126	0.0108	0.0019	-0.0021	-0.0339	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0222	-0.0235	-0.0552	0.0856	0.0052	-0.0003	-0.0104	0.0057	7.65	63.97%	11.96	-0.0279	-0.0299	-0.0671	0.1052	0.0078	-0.0003	-0.0122	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.87	-0.0024	0.0000	-0.0046	0.0207	0.0040	-0.0071	0.0106	0.0065	2.24	46.04%	4.87	-0.0029	0.0000	-0.0057	0.0249	0.0056	-0.0091	0.0128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0119	-0.0031	-0.0090	0.0512	0.0039	-0.0001	0.0310	0.0037	[redacted]			-0.0156	-0.0040	-0.0110	0.0625	0.0058	-0.0001	0.0376	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0025	-0.0004	-0.0255	0.0671	0.0079	-0.0128	0.0338	0.0142	4.50	53.95%	8.35	-0.0031	-0.0005	-0.0307	0.0834	0.0105	-0.0151	0.0445	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0087	-0.0027	-0.0147	0.0231	0.0048	-0.0004	0.0014	0.0075	2.29	95.93%	2.39	-0.0117	-0.0034	-0.0181	0.0278	0.0068	-0.0005	0.0009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0020	-0.0010	-0.0047	0.1711	0.0079	0.0011	0.1724	0.0000	1.60	66.82%	2.39	-0.0020	-0.0010	-0.0056	0.2204	0.0105	0.0011	0.2234	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0114	-0.0051	-0.0510	0.3168	0.0126	-0.0044	0.2575	0.7704	10.62	88.85%	11.96	-0.0141	-0.0065	-0.0627	0.3791	0.0179	-0.0058	0.3079	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0079	-0.0039	-0.0422	0.3241	0.0151	-0.0032	0.2820	0.0078	9.61	80.36%	11.96	-0.0119	-0.0060	-0.0540	0.3868	0.0205	-0.0049	0.3305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0425	-0.0441	-0.0629	0.0712	0.0060	-0.0041	-0.0764	0.0856	6.98	58.35%	11.96	-0.0542	-0.0555	-0.0774	0.0881	0.0092	-0.0051	-0.0949	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0010	0.0000	-0.0102	0.0724	0.0120	-0.0032	0.0700	0.0055	2.68	91.45%	2.93	-0.0013	0.0000	-0.0125	0.0871	0.0170	-0.0045	0.0858	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0681	-0.0171	-0.0646	0.1170	0.0076	-0.0011	-0.0263	0.0078	10.52	88.02%	11.96	-0.0841	-0.0204	-0.0784	0.1452	0.0118	-0.0013	-0.0272	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0075	-0.1561	-0.1959	0.0535	0.0011	-0.0006	-0.3055	5.1870	15.86	97.88%	16.20	-0.0092	-0.1988	-0.2380	0.0705	0.0013	-0.0008	-0.3750	3.10	0.40	0.00	0.00	0.00	19.75%	2.55%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0054	-0.0150	0.0332	0.0120	0.0008	0.0228	0.0005	[redacted]			-0.0033	-0.0066	-0.0182	0.0414	0.0166	0.0011	0.0310	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.53	-0.0013	0.0000	-0.0030	0.0196	0.0050	0.0000	0.0203	0.0000	0.96	62.94%	1.53	-0.0016	0.0000	-0.0037	0.0236	0.0071	0.0000	0.0254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0201	-0.0510	-0.1012	0.0396	0.0043	-0.0004	-0.1288	0.0132	4.89	40.91%	11.96	-0.0235	-0.0603	-0.1238	0.0495	0.0066	-0.0005	-0.1520	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0077	-0.0059	-0.0212	0.0132	0.0046	0.0000	-0.0170	0.0018	[redacted]			-0.0108	-0.0078	-0.0259	0.0159	0.0062	0.0000	-0.0224	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.84	-0.0033	0.0000	-0.0074	0.0605	0.0046	0.0000	0.0544	0.0072	2.49	87.65%	2.84	-0.0041	0.0000	-0.0090	0.0728	0.0072	0.0000	0.0669	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.60	-0.0211	-0.0012	-0.0066	0.0044	0.0029	-0.0004	-0.0220	0.0000	2.02	56.10%	3.60	-0.0262	-0.0015	-0.0081	0.0054	0.0045	-0.0005	-0.0264	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0088	-0.0100	-0.0177	0.0142	0.0053	0.0003	-0.0167	0.1289	[redacted]			-0.0102	-0.0120	-0.0213	0.0174	0.0065	0.0003	-0.0193	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0034	-0.0078	-0.0127	0.0477	0.0033	-0.0008	0.0263	0.0008	1.15	48.19%	2.39	-0.0041	-0.0094	-0.0151	0.0588	0.0059	-0.0010	0.0351	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0157	-0.0642	-0.1046	0.0759	0.0052	-0.0004	-0.1038	0.0051	9.69	81.05%	11.96	-0.0206	-0.0817	-0.1269	0.0953	0.0073	-0.0004	-0.1270	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0108	-0.1082	-0.1871	0.0785	0.0042	-0.0009	-0.2243	0.0000	[redacted]			-0.0133	-0.1362	-0.2295	0.1000	0.0061	-0.0013	-0.2742	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0121	-0.0415	-0.0644	0.0481	0.0050	-0.0046	-0.0695	0.0158	8.59	71.86%	11.96	-0.0151	-0.0526	-0.0785	0.0595	0.0076	-0.0057	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0094	-0.0165	-0.0159	0.0129	0.0031	-0.0012	-0.0270	0.0000	1.68	74.22%	2.26	-0.0111	-0.0193	-0.0197	0.0161	0.0051	-0.0017	-0.0306	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0379	-0.0390	-0.0670	0.1943	0.0065	-0.0027	0.0542	1.2751	12.08	85.58%	14.12	-0.0489	-0.0495	-0.0814	0.2373	0.0097	-0.0029	0.0643	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	-0.0079	-0.0308	-0.0201	0.0209	0.0032	0.0007	-0.0340	0.2089	4.94	78.89%	6.26	-0.0097	-0.0392	-0.0241	0.0287	0.0037	0.0009	-0.0397	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0693	-0.0216	-0.0690	0.0451	0.0096	-0.0022	-0.1074	0.0314	10.63	88.90%	11.96	-0.0883	-0.0274	-0.0841	0.0556	0.0145	-0.0027	-0.1324	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0054	-0.0411	0.0758	0.0139	0.0000	0.0428	0.0082	[redacted]			-0.0005	-0.0069	-0.0503	0.1038	0.0138	0.0000	0.0599	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0389	-0.0123	-0.0485	0.2405	0.0092	-0.0013	0.1487	0.0238	11.00	91.96%	11.96	-0.0493	-0.0156	-0.0594	0.2891	0.0137	-0.0016	0.1769	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0103	-0.1134	-0.1327	0.1039	0.0057	-0.0005	-0.1473	0.6532	[redacted]			-0.0129	-0.1443	-0.1608	0.1343	0.0074	-0.0005	-0.1768	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0324	-0.0049	-0.0496	0.0808	0.0096	-0.0172	-0.0137	0.0019	7.55	90.43%	8.35	-0.0413	-0.0062	-0.0604	0.0975	0.0137	-0.0213	-0.0180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2315	-0.0921	-0.0754	0.0705	0.0060	-0.0001	-0.3226	0.0000	[redacted]			-0.2893	-0.1171	-0.0920	0.0890	0.0086	0.0003	-0.4005	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	-0.0048	-0.0053	0.0006	0.0003	-0.0003	-0.0095	0.0643	[redacted]			0.0000	-0.0060	-0.0064	0.0007	0.0004	-0.0004	-0.0117	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0064	-0.0557	-0.0530	0.1633	0.0195	-0.0012	0.0665	0.0000	[redacted]			-0.0078	-0.0688	-0.0649	0.1999	0.0282	-0.0015	0.0851	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.06	-0.0173	-0.0494	-0.1154	0.1227	0.0050	-0.0023	-0.0567	1.1790	11.85	78.72%	15.06	-0.0221	-0.0628	-0.1375	0.1477	0.0085	-0.0029	-0.0691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0034	-0.0043	-0.0103	0.0207	0.0034	-0.0008	0.0053	0.0087	2.24	93.91%	2.39	-0.0046	-0.0060	-0.0124	0.0244	0.0058	-0.0009	0.0063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0693	-0.0581	-0.1039	0.2581	0.0052	-0.0012	0.0308	0.6746	8.91	74.55%	11.96	-0.0877	-0.0739	-0.1271	0.3161	0.0078	-0.0015	0.0337	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.79	-0.0085	-0.1287	-0.1691	0.0316	0.0045	-0.0006	-0.2708	0.0018	9.48	87.86%	10.79	-0.0107	-0.1638	-0.2058	0.0401	0.0059	-0.0007	-0.3350	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0309	-0.0318	-0.0763	0.0917	0.0057	-0.0011	-0.0427	0.0000	8.36	51.68%	16.18	-0.0309	-0.0318	-0.0879	0.1167	0.0118	-0.0017	-0.0238	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0240	-0.0576	-0.0915	0.1076	0.0017	0.0001	-0.0637	5.7060	[redacted]			-0.0296	-0.0725	-0.1081	0.1357	0.0026	0.0001	-0.0718	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0065	-0.0007	-0.0088	0.0698	0.0047	-0.0003	0.0582	0.0033	2.73	97.39%	2.80	-0.0088	-0.0010	-0.0106	0.0830	0.0078	-0.0003	0.0701	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0216	-0.0212	-0.0596	0.0529	0.0048	-0.0017	-0.0464	0.0002	7.57	63.33%	11.96	-0.0256	-0.0256	-0.0731	0.0653	0.0075	-0.0022	-0.0537	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0364	-0.0169	-0.0601	1.4525	0.0077	-0.0016	1.3452	0.0245	12.62	78.02%	16.18	-0.0436	-0.0207	-0.0736	1.7763	0.0112	-0.0020	1.6476	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0232	-0.0103	0.0093	0.0006	-0.0001	-0.0257	0.0070	[redacted]			-0.0025	-0.0295	-0.0121	0.0116	0.0008	0.0000	-0.0317	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.78	0.0000	0.0000	-0.0017	0.0310	0.0097	-0.0011	0.0379	0.0000	0.52	18.55%	2.78	0.0000	0.0000	-0.0020	0.0404	0.0123	-0.0012	0.0495	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0380	-0.0668	-0.1003	0.1549	0.0084	-0.0037	-0.0455	0.0000	9.23	78.65%	11.74	-0.0439	-0.0788	-0.1229	0.1937	0.0129	-0.0048	-0.0438	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0503	-0.0510	0.0070	0.0010	0.0016	-0.0933	0.0019	[redacted]			-0.0019	-0.0641	-0.0604	0.0087	0.0010	0.0020	-0.1147	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0405	-0.0903	-0.1317	0.0691	0.0059	-0.0036	-0.1911	5.9210	14.00	97.97%	14.29	-0.0536	-0.1137	-0.1616	0.0851	0.0085	-0.0045	-0.2398	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0035	-0.0021	-0.0132	0.0532	0.0048	-0.0017	0.0375	0.0004	1.74	62.01%	2.80	-0.0044	-0.0025	-0.0162	0.0657	0.0068	-0.0023	0.0471	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0451	-0.1522	-0.1790	0.1606	0.0131	0.0056	-0.1970	0.0389	12.58	77.79%	16.18	-0.0551	-0.1923	-0.2068	0.2035	0.0254	0.0083	-0.2170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0412	-0.0743	-0.1050	0.0295	0.0052	-0.0035	-0.1893	0.2959	[redacted]			-0.0500	-0.0945	-0.1243	0.0359	0.0072	-0.0048	-0.2305	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0061	-0.0455	-0.0434	0.1938	0.0098	0.0005	0.1091	0.0000	[redacted]			-0.0075	-0.0580	-0.0524	0.2511	0.0124	0.0006	0.1462	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0552	-0.0071	-0.0182	0.1577	0.0052	-0.0015	0.0809	2.8828	11.46	95.85%	11.96	-0.0686	-0.0093	-0.0222	0.1903	0.0078	-0.0015	0.0965	0.11	0.96	1.28	1.48	2.43	0.95%	8.25%	11.01%	12.49%	20.51%
2.71	-0.0072	-0.0125	-0.0239	0.0837	0.0051	-0.0014	0.0438	0.0009	2.23	82.22%	2.71	-0.0093	-0.0158	-0.0286	0.1007	0.0087	-0.0018	0.0539	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0758	-0.0732	-0.1093	0.0280	0.0083	-0.0056	-0.2276	0.0088	9.80	81.94%	11.96	-0.1008	-0.0995	-0.1332	0.0348	0.0122	-0.0072	-0.2937	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0471	-0.0449	-0.0819	0.1743	0.0090	-0.0035	0.0059	0.0129	12.18	75.31%	16.18	-0.0584	-0.0569	-0.1000	0.2130	0.0140	-0.0043	0.0074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0532	-0.0408	-0.0778	0.0315	0.0073	-0.0094	-0.1424	0.0167	7.08	84.83%	8.35	-0.0695	-0.0518	-0.0964	0.0414	0.0114	-0.0117	-0.1766	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.91	-0.0481	-0.0007	-0.0054	0.1059	0.0025	-0.0004	0.0538	0.0001	1.55	39.71%	3.91	-0.0569	-0.0009	-0.0066	0.1288	0.0039	-0.0005	0.0678	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0035	-0.0537	-0.0796	0.2376	0.0010	-0.0006	0.1012	0.4808	5.67	47.46%	11.96	-0.0043	-0.0687	-0.0958	0.3281	0.0011	-0.0006	0.1598	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0107	-0.0486	-0.1055	0.0940	0.0074	-0.0076	-0.0710	0.0307	9.93	83.01%	11.96	-0.0134	-0.0617	-0.1294	0.1135	0.0105	-0.0095	-0.0900	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0788	-0.0619	-0.0773	0.0208	0.0038	-0.0002	-0.1936	3.3049	[redacted]			-0.1002	-0.0805	-0.0924	0.0271	0.0059	-0.0001	-0.2402	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0308	-0.1345	-0.1645	0.0687	0.0071	-0.0048	-0.2588	0.7125	[redacted]			-0.0398	-0.1803	-0.1991	0.0836	0.0114	-0.0057	-0.3299	0.00	0.00	0.00	0.00	0.00	[redacted]				
13.26	0.0000	0.0000	-0.0418	0.4257	0.0155	-0.0015	0.3979	0.0000	11.49	86.62%	13.26	0.0000	0.0000	-0.0507	0.5310	0.0206	-0.0018	0.4991	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0065	-0.0022	-0.0073	0.0376	0.0040	-0.0008	0.0248	0.0013	1.77	65.54%	2.71	-0.0086	-0.0028	-0.0091	0.0452	0.0055	-0.0010	0.0292	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0088	-0.0244	-0.0331	0.0357	0.0054	0.0003	-0.0249	0.0018	[redacted]			-0.0115	-0.0310	-0.0390	0.0444	0.0080	0.0004	-0.0287	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2121	-0.0442	-0.0696	0.0776	0.0114	-0.0002	-0.2371	3.5988	10.90	91.16%	11.96	-0.2460	-0.0526	-0.0856	0.0974	0.0154	-0.0004	-0.2718	0.00	0.00	1.04	3.00	3.20	0.00%	0.00%	8.86%	25.55%	27.78%
[redacted]	-0.0062	-0.0322	-0.0575	0.0256	0.0083	-0.0009	-0.0629	0.0110	[redacted]			-0.0076	-0.0410	-0.0704	0.0317	0.0111	-0.0011	-0.0773	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0431	-0.0024	-0.0262	0.1886	0.0065	0.0000	0.1234	0.0000	7.22	60.35%	11.96	-0.0512	-0.0029	-0.0321	0.2336	0.0100	0.0000	0.1574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0525	-0.0361	-0.0821	0.0812	0.0060	-0.0016	-0.0851	0.0357	11.48	96.03%	11.96	-0.0715	-0.0475	-0.1002	0.0974	0.0087	-0.0019	-0.1150	2.13	2.11	2.09	2.09	2.07	22.63%	22.42%	22.20%	22.20%	21.99%
[redacted]	-0.0148	-0.0207	-0.0228	0.0373	0.0084	0.0009	-0.0117	0.0038	[redacted]			-0.0173	-0.0248	-0.0268	0.0487	0.0083	0.0015	-0.0104	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.06	-0.0126	-0.0985	-0.0989	0.0886	0.0046	-0.0036	-0.1204	0.0017	6.60	43.82%	15.06	-0.0156	-0.1251	-0.1207	0.1116	0.0065	-0.0059	-0.1492	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0553	-0.0222	-0.0505	0.0552	0.0142	-0.0011	-0.0597	0.3685	11.94	99.86%	11.96	-0.0696	-0.0283	-0.0598	0.0663	0.0223	-0.0013	-0.0704	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0383	-0.0605	-0.0985	0.1031	0.0058	-0.0047	-0.0931	0.4552	9.49	67.24%	14.12	-0.0487	-0.0768	-0.1200	0.1258	0.0084	-0.0059	-0.1172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0056	-0.0059	-0.0158	0.0191	0.0048	-0.0013	-0.0047	0.0000	2.13	72.55%	2.93	-0.0056	-0.0059	-0.0178	0.0245	0.0096	-0.0015	0.0033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0230	-0.0206	-0.0782	0.1338	0.0486	0.0075	0.0681	0.0023	[redacted]			-0.0293	-0.0262	-0.0960	0.1672	0.0619	0.0097	0.0873	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0185	-0.0004	-0.0114	0.0519	0.0078	0.0000	0.0294	0.0082	2.67	91.13%	2.93	-0.0249	-0.0005	-0.0142	0.0625	0.0117	0.0000	0.0346	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.53	-0.0092	-0.0534	-0.0823	0.1267	0.0081	-0.0011	-0.0112	0.9143	10.61	68.35%	15.53	-0.0118	-0.0684	-0.1002	0.1540	0.0110	-0.0011	-0.0165	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.53	-0.0199	-0.0452	-0.1526	0.1727	0.0100	-0.0089	-0.0439	0.0345	11.74	86.79%	13.53	-0.0236	-0.0521	-0.1857	0.2142	0.0143	-0.0123	-0.0452	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0213	-0.1144	-0.1181	0.0636	0.0012	0.0006	-0.1884	0.0173	[redacted]			-0.0265	-0.1470	-0.1410	0.0787	0.0013	0.0006	-0.2339	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.98	-0.0080	-0.0042	-0.0150	0.0188	0.0045	-0.0007	-0.0046	0.0014	0.72	36.33%	1.98	-0.0088	-0.0047	-0.0184	0.0229	0.0069	-0.0010	-0.0031	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0057	-0.0847	-0.1138	0.0081	0.0007	-0.0044	-0.1998	0.0014	[redacted]			-0.0068	-0.1056	-0.1321	0.0101	0.0010	-0.0042	-0.2376	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0042	-0.0017	-0.0131	0.0543	0.0095	-0.0028	0.0420	0.0000	2.15	76.96%	2.80	-0.0058	-0.0023	-0.0165	0.0654	0.0119	-0.0037	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0509	-0.0284	-0.0599	0.0860	0.0067	-0.0013	-0.0478	0.0161	8.81	73.72%	11.96	-0.0602	-0.0352	-0.0733	0.1049	0.0103	-0.0017	-0.0552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0023	-0.1981	-0.2194	0.0291	0.0048	0.0000	-0.3859	0.0134	[redacted]			-0.0028	-0.2524	-0.2599	0.0375	0.0058	0.0000	-0.4718	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0028	-0.0454	-0.0573	0.0171	0.0010	-0.0009	-0.0883	0.0000	[redacted]			-0.0034	-0.0578	-0.0696	0.0212	0.0011	-0.0011	-0.1096	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0003	0.0000	-0.0082	0.0662	0.0080	-0.0042	0.0615	0.0000	2.86	97.69%	2.93	-0.0004	0.0000	-0.0101	0.0804	0.0118	-0.0060	0.0757	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0081	-0.0435	-0.0709	0.0862	0.0052	-0.0009	-0.0320	0.0000	5.13	42.88%	11.96	-0.0102	-0.0563	-0.0858	0.1048	0.0075	-0.0011	-0.0411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0046	-0.0062	-0.0112	0.0504	0.0034	-0.0005	0.0313	0.0003	1.11	37.84%	2.93	-0.0055	-0.0075	-0.0135	0.0625	0.0044	-0.0007	0.0397	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0047	-0.0027	-0.0114	0.0676	0.0084	-0.0007	0.0565	0.0028	1.89	79.07%	2.39	-0.0047	-0.0027	-0.0128	0.0859	0.0122	-0.0007	0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1455	-0.0375	-0.0764	0.0658	0.0089	-0.0055	-0.1902	0.4047	10.62	88.82%	11.96	-0.1905	-0.0477	-0.0908	0.0829	0.0141	-0.0068	-0.2388	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.15	-0.0105	-0.0555	-0.1931	0.1936	0.0075	-0.0101	-0.0681	8.8581	12.47	82.31%	15.15	-0.0123	-0.0649	-0.2357	0.2345	0.0107	-0.0137	-0.0814	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1033	-0.0178	-0.0673	0.1048	0.0105	0.0000	-0.0731	0.0000	7.83	65.48%	11.96	-0.1410	-0.0238	-0.0802	0.1256	0.0166	0.0000	-0.1028	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.0018	-0.0128	-0.0789	0.3395	0.0219	-0.0047	0.2632	0.0000	7.97	90.54%	8.80	-0.0018	-0.0128	-0.0933	0.4428	0.0307	-0.0055	0.3601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0073	-0.0075	-0.0141	0.0774	0.0043	0.0000	0.0528	0.0021	[redacted]			-0.0078	-0.0081	-0.0167	0.0994	0.0048	0.0000	0.0716	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0030	-0.0480	-0.0919	0.0110	0.0219	0.0000	-0.1100	0.0000	[redacted]			-0.0037	-0.0612	-0.1089	0.0134	0.0215	0.0000	-0.1389	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0759	-0.0244	-0.0604	0.2652	0.0100	-0.0010	0.1135	0.0077	11.09	92.75%	11.96	-0.0946	-0.0310	-0.0712	0.3244	0.0165	-0.0011	0.1430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0009	-0.0035	-0.0069	0.0398	0.0058	0.0002	0.0345	0.0000	1.12	38.36%	2.93	-0.0009	-0.0035	-0.0077	0.0551	0.0091	0.0002	0.0523	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0031	-0.0124	-0.0084	0.0153	0.0016	-0.0025	-0.0095	0.2044	1.59	56.94%	2.80	-0.0039	-0.0162	-0.0102	0.0183	0.0023	-0.0026	-0.0123	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0316	-0.0278	-0.0624	0.1300	0.0068	-0.0027	0.0123	0.0026	8.23	68.80%	11.96	-0.0414	-0.0354	-0.0765	0.1600	0.0100	-0.0034	0.0133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0268	-0.0034	-0.0334	0.2591	0.0097	-0.0005	0.2047	0.0000	10.58	88.48%	11.96	-0.0330	-0.0043	-0.0395	0.3121	0.0152	-0.0006	0.2499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	0.0000	0.0000	-0.0793	0.4332	0.0300	-0.0026	0.3813	0.0191	9.91	75.74%	13.09	0.0000	0.0000	-0.0949	0.5531	0.0371	-0.0028	0.4925	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1519	-0.0336	-0.1067	0.1070	0.0113	0.0000	-0.1739	0.5126	[redacted]			-0.1962	-0.0428	-0.1310	0.1286	0.0172	0.0000	-0.2242	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0259	-0.0024	-0.0154	0.1254	0.0067	-0.0001	0.0883	0.0000	2.91	99.44%	2.93	-0.0340	-0.0030	-0.0188	0.1510	0.0097	-0.0001	0.1048	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0095	-0.0402	-0.1153	0.1229	0.0043	-0.0009	-0.0387	0.2634	[redacted]			-0.0136	-0.0595	-0.1370	0.1448	0.0066	-0.0009	-0.0596	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0270	-0.0672	-0.0492	0.0228	0.0043	-0.0015	-0.1178	0.0101	5.18	49.63%	10.43	-0.0322	-0.0824	-0.0611	0.0294	0.0062	-0.0028	-0.1429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0583	-0.0142	-0.0376	0.1213	0.0483	0.0121	0.0716	0.9128	9.92	83.00%	11.96	-0.0712	-0.0180	-0.0459	0.1510	0.0621	0.0152	0.0932	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0597	-0.0323	-0.0907	0.0303	0.0067	-0.0017	-0.1474	0.0771	11.59	96.91%	11.96	-0.0763	-0.0418	-0.1104	0.0365	0.0099	-0.0021	-0.1842	1.20	1.10	1.10	1.10	1.00	11.36%	10.42%	10.42%	10.42%	9.47%
[redacted]	-0.0068	-0.0252	-0.0337	0.0210	0.0013	0.0007	-0.0427	0.0049	[redacted]			-0.0084	-0.0321	-0.0413	0.0261	0.0013	0.0009	-0.0535	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0079	-0.0059	-0.0394	0.4500	0.0081	-0.0049	0.4000	0.0000	6.08	50.84%	11.96	-0.0079	-0.0059	-0.0458	0.5346	0.0126	-0.0055	0.4821	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0010	0.0182	0.0006	0.0000	0.0178	0.0042	[redacted]			0.0000	0.0000	-0.0012	0.0226	0.0006	0.0000	0.0220	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0176	-0.0004	-0.0116	0.0756	0.0057	0.0000	0.0517	0.0048	2.22	75.93%	2.93	-0.0232	-0.0005	-0.0141	0.0910	0.0086	0.0000	0.0618	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.63	-0.0185	-0.0083	-0.0160	0.0059	0.0063	-0.0009	-0.0315	0.0000	2.49	44.14%	5.63	-0.0194	-0.0087	-0.0182	0.0076	0.0107	-0.0001	-0.0281	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0255	-0.0425	0.0406	0.0029	0.0000	-0.0257	0.0000	[redacted]			-0.0014	-0.0316	-0.0491	0.0529	0.0062	0.0002	-0.0228	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0244	-0.0209	-0.0793	0.0818	0.0116	-0.0008	-0.0320	0.0000	11.57	96.77%	11.96	-0.0301	-0.0266	-0.0974	0.0983	0.0177	-0.0010	-0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0353	-0.0227	-0.0408	0.1053	0.0059	-0.0016	0.0108	0.0000	6.30	59.61%	10.57	-0.0457	-0.0288	-0.0500	0.1285	0.0087	-0.0020	0.0107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0623	-0.0118	-0.0449	0.3866	0.0151	0.0002	0.2829	0.0073	11.08	78.46%	14.12	-0.0789	-0.0150	-0.0569	0.4791	0.0218	0.0002	0.3503	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0052	-0.0610	-0.0836	0.0800	0.0048	-0.0006	-0.0656	0.0000	5.61	46.96%	11.96	-0.0064	-0.0778	-0.0999	0.1006	0.0064	-0.0008	-0.0779	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%



C-26

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0284	-0.0126	-0.0233	0.1093	0.0073	-0.0015	0.0508	0.8380	3.65	30.54%	11.96	-0.0394	-0.0177	-0.0278	0.1303	0.0118	-0.0015	0.0557	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0211	-0.0008	-0.0115	0.0609	0.0070	0.0000	0.0345	0.0002	2.01	68.58%	2.93	-0.0284	-0.0010	-0.0138	0.0733	0.0110	0.0000	0.0411	0.15	0.16	0.17	0.18	0.18	5.17%	5.52%	5.86%	6.21%	6.21%
11.96	-0.0344	-0.1273	-0.1972	0.1418	0.0104	-0.0061	-0.2128	3.4595	9.31	77.88%	11.96	-0.0440	-0.1621	-0.2394	0.1747	0.0155	-0.0064	-0.2617	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0233	-0.0535	-0.0695	0.0576	0.0052	-0.0014	-0.0849	0.0013	7.28	69.80%	10.43	-0.0288	-0.0679	-0.0855	0.0702	0.0080	-0.0017	-0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0143	-0.0039	-0.0445	0.2816	0.0131	-0.0065	0.2255	0.0047	10.36	86.61%	11.96	-0.0175	-0.0050	-0.0536	0.3371	0.0200	-0.0080	0.2730	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0929	-0.0721	-0.0800	0.1308	0.0103	-0.0002	-0.1041	0.0132	7.80	65.27%	11.96	-0.1254	-0.0946	-0.0966	0.1622	0.0163	-0.0002	-0.1383	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0019	-0.0112	-0.0179	0.0086	0.0051	-0.0004	-0.0177	0.0101	[redacted]			-0.0025	-0.0142	-0.0216	0.0103	0.0072	-0.0005	-0.0213	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0934	-0.0387	-0.0812	0.0493	0.0111	-0.0025	-0.1554	0.0225	11.07	92.62%	11.96	-0.1126	-0.0487	-0.0997	0.0606	0.0171	-0.0031	-0.1864	1.30	1.30	1.30	1.20	1.20	13.14%	13.20%	13.22%	12.13%	12.16%
2.80	0.0000	0.0000	-0.0050	0.0475	0.0076	-0.0006	0.0495	0.0004	1.57	55.92%	2.80	0.0000	0.0000	-0.0057	0.0621	0.0112	-0.0006	0.0670	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0053	-0.0009	-0.0124	0.0713	0.0067	-0.0012	0.0582	0.0000	[redacted]			-0.0071	-0.0012	-0.0149	0.0854	0.0103	-0.0017	0.0708	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0688	-0.0101	-0.0502	0.2388	0.0076	-0.0027	0.1146	0.0067	10.43	87.23%	11.96	-0.0856	-0.0123	-0.0610	0.2931	0.0119	-0.0028	0.1433	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0117	-0.0500	-0.0699	0.1277	0.0489	0.0024	0.0474	0.0008	[redacted]			-0.0145	-0.0637	-0.0856	0.1681	0.0490	0.0031	0.0564	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0037	-0.0002	-0.0091	0.0844	0.0054	0.0000	0.0768	0.0000	2.88	98.44%	2.93	-0.0046	-0.0003	-0.0113	0.1016	0.0081	0.0000	0.0935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0066	-0.0720	-0.0984	0.0756	0.0189	0.0056	-0.0769	0.0073	[redacted]			-0.0081	-0.0917	-0.1178	0.0953	0.0226	0.0072	-0.0925	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0258	-0.0977	-0.1263	0.1346	0.0108	-0.0048	-0.1092	0.1164	[redacted]			-0.0342	-0.1251	-0.1565	0.1643	0.0177	-0.0060	-0.1398	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0002	-0.0018	-0.0031	0.0254	0.0024	-0.0006	0.0221	0.0000	[redacted]			-0.0002	-0.0020	-0.0037	0.0313	0.0032	-0.0008	0.0278	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0164	-0.0469	-0.1102	0.0714	0.0035	-0.0016	-0.1002	0.0067	8.65	72.34%	11.96	-0.0210	-0.0597	-0.1347	0.0864	0.0050	-0.0020	-0.1260	0.31	0.31	0.31	0.27	0.27	51.67%	51.67%	51.67%	45.00%	45.00%
[redacted]	-0.0068	-0.0639	-0.0592	0.0273	0.0009	-0.0017	-0.1034	0.0770	[redacted]			-0.0075	-0.0715	-0.0692	0.0350	0.0011	-0.0021	-0.1142	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0070	-0.0390	-0.1307	0.3139	0.0209	-0.0098	0.1483	0.2826	[redacted]			-0.0080	-0.0454	-0.1598	0.3798	0.0298	-0.0129	0.1835	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.28	-0.0445	-0.1056	-0.1521	0.1982	0.0068	-0.0027	-0.0999	0.1376	11.03	97.79%	11.28	-0.0561	-0.1343	-0.1852	0.2433	0.0104	-0.0042	-0.1261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0609	-0.0038	-0.0341	0.0633	0.0070	0.0000	-0.0285	0.0000	9.76	81.64%	11.96	-0.0783	-0.0048	-0.0417	0.0771	0.0108	0.0000	-0.0369	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0222	-0.0921	-0.1697	0.0734	0.0080	-0.0075	-0.2101	0.0079	[redacted]			-0.0286	-0.1140	-0.2053	0.0893	0.0113	-0.0094	-0.2567	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.96	-0.0426	-0.0022	-0.0209	0.0705	0.0066	-0.0047	0.0067	0.0000	4.04	58.05%	6.96	-0.0632	-0.0033	-0.0257	0.0844	0.0095	-0.0049	-0.0032	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0203	-0.0045	-0.0482	0.2340	0.0076	-0.0004	0.1682	0.0242	[redacted]			-0.0251	-0.0057	-0.0591	0.2823	0.0113	-0.0005	0.2032	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0146	-0.0120	-0.0250	0.0279	0.0048	-0.0013	-0.0202	0.0021	2.25	94.39%	2.39	-0.0185	-0.0145	-0.0307	0.0342	0.0070	-0.0016	-0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0273	-0.1214	-0.1299	0.1867	0.0157	-0.0022	-0.0784	0.7310	14.28	88.27%	16.18	-0.0354	-0.1543	-0.1581	0.2350	0.0227	-0.0027	-0.0928	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0607	-0.0509	-0.0865	0.1454	0.0042	-0.0004	-0.0489	0.0000	[redacted]			-0.0842	-0.0681	-0.1019	0.1758	0.0074	-0.0003	-0.0713	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0090	-0.0259	-0.0644	0.2424	0.0165	-0.0088	0.1508	0.0000	9.77	68.33%	14.29	-0.0100	-0.0295	-0.0786	0.2965	0.0237	-0.0118	0.1903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.1014	-0.1837	0.0012	0.1994	0.0000	-0.0849	0.0000	[redacted]			-0.0005	-0.1285	-0.2130	0.0015	0.1952	0.0000	-0.1453	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0189	-0.0299	-0.0510	0.0532	0.0055	-0.0016	-0.0427	0.0076	6.63	55.47%	11.96	-0.0231	-0.0376	-0.0628	0.0655	0.0085	-0.0020	-0.0515	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0706	-0.0480	-0.0580	0.2026	0.0063	-0.0008	0.0315	0.2908	8.16	68.22%	11.96	-0.0880	-0.0611	-0.0702	0.2527	0.0092	-0.0010	0.0416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0231	-0.0323	-0.0397	0.0223	0.0079	-0.0008	-0.0657	0.0037	3.51	29.35%	11.96	-0.0293	-0.0420	-0.0481	0.0275	0.0113	-0.0008	-0.0814	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.76	-0.0195	-0.0315	-0.0799	0.1035	0.0055	-0.0011	-0.0230	0.0000	10.30	86.13%	11.96	-0.0248	-0.0387	-0.0979	0.1261	0.0080	-0.0014	-0.0287	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1498	-0.0093	-0.0525	0.2799	0.0121	-0.0008	0.0796	0.0205	11.69	97.76%	11.96	-0.1844	-0.0118	-0.0645	0.3374	0.0184	-0.0010	0.0941	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0123	-0.0008	-0.0033	0.0147	0.0040	0.0000	0.0023	0.0016	[redacted]			-0.0163	-0.0010	-0.0039	0.0182	0.0067	0.0000	0.0037	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2089	-0.0026	-0.0337	0.0641	0.0137	0.0000	-0.1674	0.0000	7.81	65.35%	11.96	-0.2481	-0.0031	-0.0414	0.0794	0.0200	0.0000	-0.1932	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0078	-0.1133	-0.1415	0.0189	0.0019	-0.0007	-0.2425	0.0350	[redacted]			-0.0094	-0.1429	-0.1741	0.0245	0.0027	-0.0012	-0.3004	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.81	-0.0125	-0.0004	-0.0064	0.0461	0.0026	0.0000	0.0294	0.0000	1.94	68.98%	2.81	-0.0153	-0.0005	-0.0078	0.0572	0.0040	0.0000	0.0376	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1089	-0.0012	-0.0263	0.0566	0.0096	0.0000	-0.0702	0.0001	7.48	71.65%	10.43	-0.1338	-0.0016	-0.0323	0.0680	0.0143	0.0000	-0.0854	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0527	-0.0429	-0.0928	0.1340	0.0083	-0.0019	-0.0480	0.4758	8.04	67.20%	11.96	-0.0700	-0.0549	-0.1135	0.1695	0.0115	-0.0023	-0.0597	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0309	-0.1140	-0.1411	0.0376	0.0048	-0.0015	-0.2451	3.4214	9.53	79.68%	11.96	-0.0380	-0.1460	-0.1705	0.0461	0.0070	-0.0019	-0.3033	1.74	2.72	4.13	4.35	4.24	17.86%	27.93%	42.49%	44.85%	43.53%
11.96	-0.0540	-0.2263	-0.2195	0.1155	0.0082	-0.0001	-0.3762	1.4580	10.72	89.63%	11.96	-0.0661	-0.2883	-0.2639	0.1517	0.0117	-0.0002	-0.4551	1.37	1.46	2.20	2.20	2.28	11.45%	12.21%	18.39%	18.39%	19.06%
[redacted]	-0.0070	-0.0770	-0.0814	0.0250	0.0054	-0.0011	-0.1361	0.0096	[redacted]			-0.0086	-0.0978	-0.0993	0.0311	0.0071	-0.0014	-0.1689	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0366	-0.0576	-0.0679	0.0346	0.0058	-0.0059	-0.1276	0.0071	7.51	71.05%	10.57	-0.0440	-0.0725	-0.0832	0.0437	0.0089	-0.0074	-0.1545	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.76	0.0000	0.0000	-0.0477	0.1765	0.0154	-0.0040	0.1402	0.0109	7.71	71.63%	10.76	0.0000	0.0000	-0.0561	0.2247	0.0218	-0.0045	0.1859	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0200	-0.0012	-0.0125	0.0613	0.0037	0.0000	0.0313	0.0000	1.88	69.52%	2.71	-0.0261	-0.0015	-0.0151	0.0750	0.0061	0.0000	0.0384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2323	-0.0271	-0.0802	0.0839	0.0079	0.0000	-0.2478	1.7048	11.36	95.01%	11.96	-0.2756	-0.0318	-0.0974	0.1045	0.0123	-0.0003	-0.2883	1.70	1.30	1.24	0.78	1.41	17.45%	12.91%	12.31%	7.43%	14.16%
16.18	-0.0376	-0.0635	-0.1265	0.1383	0.0075	-0.0041	-0.0859	0.0294	12.59	77.83%	16.18	-0.0475	-0.0773	-0.1543	0.1696	0.0109	-0.0052	-0.1038	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0236	-0.1122	-0.2338	0.1035	0.0095	-0.0071	-0.2637	0.4399	15.88	98.18%	16.18	-0.0292	-0.1359	-0.2859	0.1269	0.0138	-0.0090	-0.3193	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0154	-0.0628	-0.0595	0.0403	0.0007	-0.0018	-0.0985	0.7349	[redacted]			-0.0189	-0.0794	-0.0721	0.0504	0.0008	-0.0019	-0.1211	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0180	-0.0461	-0.0911	0.0813	0.0052	-0.0007	-0.0694	0.0023	8.99	75.20%	11.96	-0.0218	-0.0572	-0.1071	0.0988	0.0092	-0.0009	-0.0790	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0511	-0.0206	-0.0602	0.0290	0.0168	-0.0028	-0.0889	0.0232	9.64	80.60%	11.96	-0.0639	-0.0262	-0.0743	0.0362	0.0245	-0.0033	-0.1070	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0206	-0.0111	-0.0162	0.0275	0.0030	-0.0004	-0.0178	0.0003	2.93	42.19%	6.96	-0.0254	-0.0141	-0.0198	0.0337	0.0041	-0.0005	-0.0220	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0236	-0.2071	-0.2645	0.0640	0.0059	-0.0016	-0.4269	0.3382	[redacted]			-0.0310	-0.2637	-0.3163	0.0802	0.0080	-0.0018	-0.5246	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2059	-0.0288	-0.0548	0.0615	0.0059	0.0006	-0.2215	0.6608	6.62	55.39%	11.96	-0.2536	-0.0352	-0.0676	0.0779	0.0084	0.0006	-0.2695	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0128	-0.0697	-0.1177	0.1091	0.0036	-0.0010	-0.0885	0.0000	7.39	61.82%	11.96	-0.0161	-0.0902	-0.1431	0.1316	0.0053	-0.0011	-0.1136	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0521	-0.0308	-0.0653	0.0271	0.0057	-0.0048	-0.1202	0.0176	5.89	56.45%	10.43	-0.0680	-0.0391	-0.0801	0.0345	0.0087	-0.0060	-0.1500	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.13	0.0000	0.0000	-0.0032	0.0052	0.0086	-0.0026	0.0080	0.0025	0.93	29.60%	3.13	0.0000	0.0000	-0.0040	0.0061	0.0115	-0.0035	0.0101	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0490	-0.1019	-0.1651	0.1488	0.0052	-0.0015	-0.1635	0.0043	10.83	66.97%	16.18	-0.0645	-0.1348	-0.2010	0.1804	0.0081	-0.0015	-0.2133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0157	-0.0430	-0.0393	0.1096	0.0038	-0.0025	0.0129	3.6135	7.18	44.36%	16.18	-0.0203	-0.0541	-0.0491	0.1365	0.0055	-0.0037	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0639	-0.0046	-0.0327	0.2229	0.0084	0.0000	0.1301	0.0063	9.79	81.88%	11.96	-0.0801	-0.0058	-0.0401	0.2719	0.0126	0.0000	0.1585	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0638	-0.0328	-0.0691	0.0377	0.0077	-0.0048	-0.1251	0.0057	9.36	78.30%	11.96	-0.0690	-0.0356	-0.0840	0.0480	0.0122	-0.0074	-0.1358	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0272	-0.0362	-0.0546	0.0694	0.0056	-0.0016	-0.0446	0.0031	6.56	54.89%	11.96	-0.0357	-0.0460	-0.0662	0.0856	0.0083	-0.0020	-0.0560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0256	-0.0409	-0.0766	0.1201	0.0094	-0.0061	-0.0197	1.0169	10.11	84.57%	11.96	-0.0336	-0.0556	-0.0931	0.1447	0.0136	-0.0074	-0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.2480	0.0000	-0.1490	0.1697	0.0273	-0.0053	-0.2053	5.5983	21.87	66.41%	32.93	-0.2925	0.0000	-0.1824	0.2121	0.0415	-0.0072	-0.2285	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0083	-0.0180	-0.0127	0.0162	0.0024	-0.0001	-0.0205	0.6636	[redacted]			-0.0099	-0.0226	-0.0154	0.0209	0.0037	-0.0002	-0.0235	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0001	-0.0003	-0.0454	0.2074	0.0105	-0.0068	0.1653	0.2822	[redacted]			-0.0023	-0.0031	-0.0548	0.2569	0.0141	-0.0069	0.2039	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0306	-0.0191	-0.0602	0.1969	0.0071	-0.0011	0.0930	1.0564	11.07	92.61%	11.96	-0.0372	-0.0236	-0.0729	0.2400	0.0107	-0.0013	0.1157	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0227	-0.0142	-0.0211	0.0238	0.0036	0.0022	-0.0284	0.0038	[redacted]			-0.0280	-0.0181	-0.0261	0.0299	0.0047	0.0028	-0.0348	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0428	-0.0395	-0.0608	0.1057	0.0050	-0.0024	-0.0348	0.0030	9.55	91.56%	10.43	-0.0549	-0.0502	-0.0714	0.1292	0.0083	-0.0025	-0.0415	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0310	-0.1615	-0.1950	0.1046	0.0064	-0.0072	-0.2837	1.7156	11.82	73.06%	16.18	-0.0402	-0.2019	-0.2377	0.1377	0.0090	-0.0092	-0.3423	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0300	-0.0155	-0.0629	0.0316	0.0043	-0.0008	-0.0733	0.0188	9.56	79.98%	11.96	-0.0378	-0.0197	-0.0772	0.0386	0.0068	-0.0010	-0.0903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0067	-0.0678	-0.0854	0.2208	0.0042	-0.0007	0.0644	0.0168	7.23	69.29%	10.43	-0.0084	-0.0863	-0.1017	0.3180	0.0055	-0.0010	0.1261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0315	-0.0024	-0.0367	0.3320	0.0109	-0.0020	0.2703	0.0000	8.02	67.10%	11.96	-0.0363	-0.0028	-0.0450	0.4015	0.0157	-0.0036	0.3295	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0054	-0.0699	-0.1178	0.1215	0.0087	-0.0049	-0.0678	1.2318	8.74	73.37%	11.91	-0.0070	-0.0938	-0.1441	0.1449	0.0119	-0.0058	-0.0939	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1351	-0.0112	-0.0570	0.2713	0.0114	-0.0007	0.0787	0.0087	10.89	91.06%	11.96	-0.1697	-0.0143	-0.0692	0.3271	0.0172	-0.0009	0.0902	1.61	1.22	1.22	1.24	1.35	14.55%	11.05%	11.00%	11.21%	12.30%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0500	-0.0589	-0.0549	0.0957	0.0076	-0.0034	-0.0639	0.0001	[redacted]			-0.0615	-0.0744	-0.0656	0.1178	0.0108	-0.0036	-0.0765	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0228	-0.1482	-0.1519	0.1127	0.0049	-0.0084	-0.2137	0.0338	[redacted]			-0.0273	-0.1836	-0.1832	0.1527	0.0076	-0.0116	-0.2454	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0243	-0.0231	-0.1084	0.2650	0.0093	-0.0056	0.1129	0.8307	11.33	94.72%	11.96	-0.0292	-0.0278	-0.1326	0.3197	0.0133	-0.0076	0.1358	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0560	-0.0787	0.0397	0.0028	0.0000	-0.0942	0.0186	[redacted]			-0.0024	-0.0711	-0.0955	0.0507	0.0037	0.0000	-0.1146	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0014	-0.0075	-0.0465	0.0813	0.0114	-0.0036	0.0337	0.0015	5.97	36.93%	16.18	-0.0021	-0.0115	-0.0593	0.0970	0.0156	-0.0053	0.0344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0340	-0.0182	-0.0605	0.0463	0.0097	-0.0018	-0.0585	0.0151	[redacted]			-0.0439	-0.0231	-0.0739	0.0561	0.0141	-0.0022	-0.0729	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.30	0.0000	0.0000	-0.0102	0.0606	0.0130	-0.0008	0.0626	0.0000	2.03	88.30%	2.30	0.0000	0.0000	-0.0125	0.0739	0.0167	-0.0010	0.0771	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0370	-0.0818	-0.0745	0.0455	0.0032	-0.0004	-0.1450	7.3824	10.62	88.80%	11.96	-0.0459	-0.1041	-0.0917	0.0588	0.0050	-0.0004	-0.1783	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0043	-0.0105	-0.0149	0.0471	0.0029	-0.0013	0.0190	0.0020	[redacted]			-0.0054	-0.0132	-0.0182	0.0580	0.0044	-0.0014	0.0242	0.00	0.00	0.00	0.00	0.00	[redacted]				
7.83	-0.0123	-0.0707	-0.0827	0.0382	0.0040	-0.0005	-0.1240	0.0007	6.91	88.32%	7.83	-0.0155	-0.0900	-0.1011	0.0473	0.0058	-0.0005	-0.1540	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0929	-0.0374	-0.0708	0.1164	0.0079	-0.0008	-0.0776	0.0659	9.63	80.52%	11.96	-0.1201	-0.0476	-0.0869	0.1480	0.0121	-0.0009	-0.0954	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0856	-0.0523	-0.0777	0.0727	0.0051	-0.0070	-0.1448	0.0211	10.64	89.00%	11.96	-0.1118	-0.0664	-0.0953	0.0899	0.0080	-0.0087	-0.1843	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1219	-0.0028	-0.0329	0.1353	0.0112	-0.0026	-0.0137	0.0310	9.83	82.20%	11.96	-0.1403	-0.0032	-0.0408	0.1647	0.0169	-0.0057	-0.0084	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1277	-0.1745	-0.1235	0.1308	0.0121	-0.0016	-0.2844	0.0310	[redacted]			-0.1616	-0.2286	-0.1504	0.1618	0.0147	-0.0015	-0.3656	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0909	-0.0290	-0.0605	0.0705	0.0099	-0.0008	-0.1008	0.0071	8.32	69.57%	11.96	-0.1144	-0.0369	-0.0744	0.0883	0.0148	-0.0010	-0.1236	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0564	-0.0194	-0.0458	0.0428	0.0093	0.0000	-0.0695	0.0362	7.41	61.99%	11.96	-0.0682	-0.0247	-0.0560	0.0569	0.0134	0.0000	-0.0786	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0022	-0.0421	-0.0666	0.1366	0.0145	0.0000	0.0402	0.0013	[redacted]			-0.0023	-0.0437	-0.0788	0.1948	0.0165	0.0000	0.0865	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0033	-0.0043	-0.0127	0.0351	0.0039	-0.0010	0.0177	0.0000	1.24	44.41%	2.80	-0.0043	-0.0055	-0.0155	0.0422	0.0055	-0.0013	0.0211	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0512	-0.0452	-0.0654	0.1039	0.0054	-0.0033	-0.0558	0.0067	8.58	71.78%	11.96	-0.0660	-0.0575	-0.0790	0.1268	0.0081	-0.0036	-0.0712	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0865	-0.0264	-0.0487	0.1095	0.0121	-0.0004	-0.0404	1.1393	9.90	82.81%	11.96	-0.1090	-0.0336	-0.0578	0.1316	0.0195	-0.0005	-0.0498	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0619	-0.0141	-0.0391	0.0924	0.0085	-0.0006	-0.0148	0.2812	10.31	86.25%	11.96	-0.0732	-0.0174	-0.0480	0.1128	0.0131	-0.0008	-0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0054	-0.1013	-0.0908	0.0632	0.0044	0.0000	-0.1299	2.9492	10.72	89.95%	11.91	-0.0066	-0.1287	-0.1092	0.0787	0.0064	0.0000	-0.1594	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0208	-0.0191	-0.0585	0.1157	0.0077	-0.0004	0.0246	0.0072	11.30	94.51%	11.96	-0.0273	-0.0263	-0.0720	0.1370	0.0114	-0.0005	0.0223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1424	-0.0401	-0.0729	0.3048	0.0104	-0.0011	0.0587	0.2058	11.25	94.06%	11.96	-0.1839	-0.0509	-0.0858	0.3725	0.0171	-0.0012	0.0678	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0397	-0.0165	-0.0720	0.3648	0.0108	-0.0062	0.2412	0.0258	14.09	99.83%	14.12	-0.0397	-0.0165	-0.0825	0.4653	0.0159	-0.0068	0.3357	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0830	0.0496	0.0070	-0.0016	-0.0280	0.0000	[redacted]			0.0000	-0.0012	-0.1121	0.0590	0.0070	-0.0018	-0.0491	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.53	-0.0023	0.0000	-0.0047	0.0247	0.0049	-0.0006	0.0220	0.1865	1.26	82.62%	1.53	-0.0031	0.0000	-0.0058	0.0296	0.0069	-0.0008	0.0268	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0173	-0.0314	-0.0733	0.2278	0.0129	-0.0028	0.1159	0.0012	13.87	98.23%	14.12	-0.0201	-0.0374	-0.0889	0.2828	0.0200	-0.0033	0.1531	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.29	0.0000	0.0000	-0.0457	0.5865	0.0276	-0.0162	0.5522	1.3541	8.28	73.29%	11.29	0.0000	0.0000	-0.0558	0.7064	0.0349	-0.0199	0.6656	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1270	-0.0036	-0.0405	0.1339	0.0143	-0.0004	-0.0233	0.0018	7.27	60.78%	11.96	-0.1594	-0.0046	-0.0498	0.1614	0.0218	-0.0005	-0.0311	0.37	0.59	0.59	0.57	0.57	3.35%	5.45%	5.45%	5.26%	5.26%
1.30	0.0000	0.0000	-0.0006	0.0222	0.0009	-0.0003	0.0222	0.0012	0.58	44.56%	1.30	0.0000	0.0000	-0.0007	0.0271	0.0011	-0.0004	0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0263	-0.1299	-0.1194	0.0248	0.0050	-0.0080	-0.2538	0.5205	9.66	80.81%	11.96	-0.0318	-0.1647	-0.1461	0.0302	0.0076	-0.0100	-0.3148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0250	-0.0010	-0.0146	0.0800	0.0059	-0.0006	0.0447	0.0000	2.80	95.62%	2.93	-0.0384	-0.0014	-0.0179	0.0944	0.0086	-0.0006	0.0447	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0063	-0.0016	-0.0118	0.0301	0.0051	-0.0002	0.0153	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0568	-0.0085	-0.0391	0.0684	0.0107	-0.0012	-0.0265	0.0188	8.44	70.56%	11.96	-0.0696	-0.0108	-0.0481	0.0822	0.0163	-0.0015	-0.0315	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0453	-0.0053	-0.0232	0.0578	0.0308	0.0176	0.0324	0.0408	7.36	61.58%	11.96	-0.0566	-0.0067	-0.0287	0.0729	0.0397	0.0215	0.0421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0289	-0.0169	-0.0304	0.0621	0.0049	-0.0010	-0.0102	0.0002	3.99	33.39%	11.96	-0.0384	-0.0214	-0.0372	0.0758	0.0073	-0.0012	-0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0598	-0.0714	-0.1045	0.0589	0.0057	-0.0027	-0.1738	0.0000	10.22	85.46%	11.96	-0.0727	-0.0908	-0.1276	0.0762	0.0087	-0.0034	-0.2096	1.30	0.98	0.87	0.87	0.76	14.30%	10.48%	9.23%	9.27%	8.03%
[redacted]	-0.0918	-0.0306	-0.0660	0.1270	0.0084	-0.0008	-0.0538	0.8860	[redacted]			-0.1132	-0.0398	-0.0814	0.1531	0.0124	-0.0010	-0.0699	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0403	-0.0197	-0.0521	0.0480	0.0110	-0.0050	-0.0581	0.0037	8.04	77.02%	10.43	-0.0517	-0.0250	-0.0639	0.0591	0.0161	-0.0062	-0.0716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.17	-0.0072	-0.0119	-0.0282	0.0815	0.0054	-0.0011	0.0385	0.0009	4.24	81.95%	5.17	-0.0088	-0.0147	-0.0343	0.1003	0.0083	-0.0013	0.0495	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0208	-0.0217	-0.0867	0.1122	0.0080	-0.0047	-0.0137	1.3841	12.07	85.50%	14.12	-0.0249	-0.0250	-0.1061	0.1358	0.0114	-0.0069	-0.0157	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0031	-0.0090	-0.0121	0.0650	0.0036	-0.0003	0.0441	0.0000	1.66	69.72%	2.39	-0.0038	-0.0114	-0.0146	0.0805	0.0047	-0.0004	0.0550	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0079	-0.0007	-0.0140	0.0401	0.0078	-0.0008	0.0245	0.0084	2.60	88.93%	2.93	-0.0095	-0.0008	-0.0173	0.0488	0.0108	-0.0013	0.0307	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0075	-0.0093	-0.0237	0.0522	0.0037	-0.0011	0.0143	0.0587	2.28	81.46%	2.80	-0.0096	-0.0118	-0.0287	0.0628	0.0055	-0.0013	0.0169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0223	-0.0004	-0.0095	0.0942	0.0056	0.0000	0.0676	0.0014	2.47	91.38%	2.71	-0.0294	-0.0005	-0.0115	0.1134	0.0084	0.0000	0.0804	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0102	-0.0270	-0.0742	0.2028	0.0080	-0.0051	0.0943	0.0000	13.58	83.93%	16.18	-0.0126	-0.0343	-0.0916	0.2476	0.0117	-0.0064	0.1144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0171	-0.1056	-0.1237	0.0424	0.0038	-0.0010	-0.2012	0.0007	[redacted]			-0.0204	-0.1304	-0.1499	0.0535	0.0055	-0.0014	-0.2431	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0157	-0.0044	-0.0225	0.0232	0.0056	-0.0007	-0.0145	0.0000	2.04	72.80%	2.80	-0.0177	-0.0049	-0.0275	0.0282	0.0087	-0.0012	-0.0144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0557	-0.0305	-0.0841	0.2099	0.0087	-0.0004	0.0479	0.0003	7.77	64.98%	11.96	-0.0692	-0.0388	-0.0982	0.2561	0.0146	-0.0004	0.0641	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0197	-0.0374	-0.1012	0.0364	0.0073	-0.0018	-0.1164	2.6868	6.89	57.60%	11.96	-0.0244	-0.0475	-0.1227	0.0438	0.0110	-0.0023	-0.1421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0106	-0.0485	-0.1274	0.1037	0.0046	-0.0048	-0.0830	2.0045	[redacted]			-0.0119	-0.0545	-0.1531	0.1264	0.0070	-0.0067	-0.0928	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0227	0.0277	0.0031	-0.0004	0.0077	0.0052	[redacted]			0.0000	0.0000	-0.0271	0.0385	0.0037	-0.0005	0.0146	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0175	-0.0447	-0.0978	0.0581	0.0080	-0.0010	-0.0949	0.0027	[redacted]			-0.0233	-0.0610	-0.1170	0.0705	0.0119	-0.0010	-0.1199	0.00	0.00	0.00	0.00	0.00	[redacted]				

Facility	GNA ID	2023 Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Gasbag		0.0000	[redacted]			-0.0009	-0.0104	-0.0172	0.0182	0.0007	0.0000	-0.0096
Gaspar		0.0000	[redacted]			-0.0035	-0.0091	-0.0164	0.0405	0.0020	-0.0004	0.0131
Gaston		0.0000	10.77	90.10%	11.96	-0.0237	-0.0074	-0.0242	0.0787	0.0012	-0.0006	0.0240
Gateway		0.0000	1.38	80.59%	1.72	0.0000	0.0000	-0.0016	0.0180	0.0030	-0.0006	0.0188
Gatlin		0.0000	9.91	82.87%	11.96	-0.0131	-0.0127	-0.0214	0.0372	0.0008	-0.0006	-0.0098
Gaucho		0.6532	8.01	49.53%	16.18	-0.0022	-0.0259	-0.0429	0.0120	0.0004	-0.0003	-0.0589
Gavin		0.0000	11.69	72.26%	16.18	-0.0119	-0.0155	-0.0384	0.0595	0.0007	-0.0004	-0.0060
Gaylord		0.0003	7.80	65.21%	11.96	-0.0057	-0.0277	-0.0321	0.0146	0.0008	-0.0033	-0.0534
Gazelle		0.0002	7.08	59.24%	11.96	-0.0022	-0.0195	-0.0283	0.0038	0.0003	0.0000	-0.0459
Gear		0.0000	[redacted]			-0.0032	-0.0139	-0.0164	0.0055	0.0013	0.0000	-0.0267
Gearline		0.0000	[redacted]			-0.0030	-0.0360	-0.0675	0.0151	0.0003	-0.0001	-0.0912
Gee Bee		0.1562	10.10	84.43%	11.96	-0.0425	-0.0200	-0.0258	0.0094	0.0006	-0.0014	-0.0797
Gehrig		0.0003	8.58	73.07%	11.74	-0.0280	-0.0364	-0.0350	0.0782	0.0013	-0.0006	-0.0205
Gem		0.0000	1.04	43.76%	2.39	0.0000	0.0000	-0.0008	0.0223	0.0035	-0.0004	0.0246
General Petroleum		0.0000	[redacted]			-0.0004	-0.0119	-0.0215	0.0130	0.0018	0.0010	-0.0180
Georgian		0.0000	1.47	54.37%	2.71	-0.0004	-0.0046	-0.0069	0.0073	0.0004	0.0000	-0.0042
Geraths		0.0003	[redacted]			-0.0019	-0.0265	-0.0426	0.0237	0.0010	-0.0001	-0.0464
Gerona		0.0000	12.48	77.17%	16.18	-0.0106	-0.0196	-0.0313	0.0318	0.0008	-0.0017	-0.0306
Gertrude		0.0001	[redacted]			-0.0020	-0.0150	-0.0222	0.0144	0.0006	-0.0005	-0.0247
Giants		0.0001	[redacted]			-0.0027	-0.0056	-0.0284	0.0446	0.0011	-0.0005	0.0085
Gibbs		0.0000	2.66	95.10%	2.80	-0.0034	-0.0004	-0.0028	0.0104	0.0006	-0.0002	0.0042
Gibson		0.0000	[redacted]			-0.0035	-0.0170	-0.0300	0.0276	0.0023	-0.0011	-0.0217
Giddings		0.0003	8.45	70.70%	11.96	-0.0034	-0.0124	-0.0237	0.0148	0.0009	-0.0023	-0.0261
Gila		0.0003	10.69	89.44%	11.96	-0.0226	-0.0035	-0.0133	0.0130	0.0008	-0.0001	-0.0257
Gilfillan		0.0002	[redacted]			-0.0161	-0.0280	-0.0361	0.0096	0.0006	-0.0004	-0.0704
Gill		0.0000	8.95	85.81%	10.43	-0.0054	-0.0040	-0.0189	0.0262	0.0014	-0.0013	-0.0020
Gillette		0.0001	[redacted]			-0.0056	-0.0022	-0.0052	0.0052	0.0004	-0.0012	-0.0086
Gillibrand		0.0002	13.93	86.11%	16.18	-0.0268	-0.0017	-0.0130	0.0581	0.0008	-0.0002	0.0172
Gillis		0.0002	[redacted]			-0.0103	-0.0080	-0.0153	0.0294	0.0008	-0.0004	-0.0038
Gilman		0.0000	[redacted]			0.0000	0.0000	-0.0089	0.0042	0.0021	0.0000	-0.0026
Gilmore		0.0000	1.19	49.99%	2.39	-0.0007	-0.0036	-0.0029	0.0076	0.0004	-0.0002	0.0006
Gin		0.0000	13.82	45.27%	30.54	-0.0663	0.0000	-0.0086	0.0058	0.0007	-0.0001	-0.0685
Ginger		0.0001	8.33	69.63%	11.96	-0.0570	-0.0056	-0.0129	0.0498	0.0008	0.0001	-0.0248
Girard		0.0001	9.29	77.69%	11.96	-0.0256	-0.0057	-0.0151	0.0151	0.0013	-0.0005	-0.0305
Girder	GNA_2023_41	0.0000	2.65	105.75%	2.50	-0.0022	-0.0007	-0.0050	0.0170	0.0009	-0.0007	0.0093
Gizmo		0.0000	7.75	54.92%	14.12	0.0000	0.0000	-0.0179	0.0683	0.0109	-0.0023	0.0590
Glacier	GNA_2023_87	0.0000	[redacted]			-0.0295	-0.0135	-0.0253	0.0266	0.0010	-0.0002	-0.0409
Gladiola		0.0002	5.06	31.30%	16.18	-0.0009	-0.0091	-0.0128	0.0065	0.0010	-0.0001	-0.0154
Gladstone		0.8223	[redacted]			-0.0028	-0.0189	-0.0290	0.0119	0.0006	-0.0020	-0.0402
Gladys		0.0003	13.88	92.92%	14.94	-0.0139	-0.0290	-0.0393	0.0285	0.0013	-0.0013	-0.0537
Glasgow		0.0000	1.57	53.57%	2.93	-0.0006	-0.0004	-0.0024	0.0178	0.0006	-0.0005	0.0145
Glass		0.0001	[redacted]			-0.0002	-0.0067	-0.0087	0.0003	0.0040	0.0000	-0.0113
Glasscock		0.0002	12.07	74.59%	16.18	-0.0240	-0.0019	-0.0128	0.0469	0.0008	-0.0001	0.0089
Gleason		0.0000	[redacted]			-0.0045	-0.0206	-0.0419	0.0381	0.0019	-0.0017	-0.0287
Glen Ridge		0.2906	9.23	77.22%	11.96	-0.0098	-0.0166	-0.0247	0.0262	0.0007	-0.0007	-0.0249
Glencoe		0.0000	2.28	85.41%	2.67	-0.0042	-0.0008	-0.0047	0.0081	0.0007	-0.0001	-0.0010
Glendon		0.0000	2.11	98.66%	2.14	-0.0009	-0.0018	-0.0037	0.0088	0.0005	-0.0004	0.0025
Glidden		0.0000	5.27	44.09%	11.96	-0.0036	-0.0142	-0.0266	0.0113	0.0004	-0.0001	-0.0328
Glider		0.0002	10.40	86.94%	11.96	-0.0222	-0.0082	-0.0165	0.0069	0.0009	-0.0002	-0.0393
Globe Mills	GNA_2023_80	0.0000	[redacted]			-0.0203	-0.0159	-0.0258	0.0232	0.0012	-0.0001	-0.0377
Gloria		0.0000	12.84	79.35%	16.18	-0.0061	-0.0140	-0.0222	0.0678	0.0017	-0.0012	0.0260
Glover		0.0970	[redacted]			0.0000	0.0000	-0.0067	0.0019	0.0009	0.0001	-0.0038
Gnatcatcher		0.0002	4.75	49.67%	9.57	-0.0112	-0.0048	-0.0141	0.0112	0.0004	-0.0002	-0.0187
Gobar		0.0003	[redacted]			-0.0030	-0.0002	-0.0137	0.0106	0.0038	-0.0083	-0.0108
Godde		0.0003	10.32	86.34%	11.96	-0.0078	-0.0020	-0.0111	0.0155	0.0005	-0.0001	-0.0050
Goetz		0.4169	6.16	51.54%	11.96	-0.0410	-0.0003	-0.0081	0.0302	0.0022	0.0000	-0.0170
Gold		0.0002	8.01	66.95%	11.96	-0.0041	-0.0236	-0.0273	0.0089	0.0001	0.0000	-0.0460
Goldbuckle		0.7611	8.87	74.16%	11.96	-0.0158	-0.0063	-0.0179	0.0314	0.0010	-0.0005	-0.0081
Golden		0.0000	1.38	74.48%	1.85	-0.0021	-0.0021	-0.0032	0.0111	0.0004	-0.0001	0.0040
Goldenbear		0.2421	8.03	67.12%	11.96	-0.0100	-0.0022	-0.0126	0.0117	0.0013	-0.0019	-0.0137
Goldenwest		0.0000	2.08	87.16%	2.39	-0.0003	-0.0002	-0.0026	0.0131	0.0005	-0.0002	0.0103
Goldpan		0.3735	6.98	58.35%	11.96	-0.0546	-0.0079	-0.0181	0.0092	0.0010	0.0000	-0.0704
Goldsmith		0.0005	[redacted]			-0.0150	-0.0131	-0.0326	0.0564	0.0006	0.0007	-0.0030
Goldwater		0.0000	10.02	83.84%	11.96	-0.0128	-0.0105	-0.0305	0.0957	0.0029	-0.0002	0.0446
Goldwyn		0.0000	2.05	69.83%	2.93	-0.0010	-0.0006	-0.0030	0.0202	0.0016	-0.0004	0.0168
Gondola		0.0002	7.02	58.74%	11.96	-0.0065	-0.0157	-0.0218	0.0109	0.0006	-0.0012	-0.0337
Goodner		0.0000	2.37	84.54%	2.80	-0.0011	-0.0010	-0.0060	0.0089	0.0007	-0.0008	0.0007
Gopher		0.0000	6.67	79.93%	8.35	-0.0050	-0.0060	-0.0073	0.0014	0.0017	0.0002	-0.0150
Gordo	GNA_2023_337	0.0004	[redacted]			-0.0029	-0.0523	-0.0726	0.0123	0.0015	0.0000	-0.1140
Gordon	GNA_2023_260	0.0004	10.22	85.51%	11.96	-0.0086	-0.0006	-0.0120	0.0132	0.0019	-0.0009	-0.0070
Gorge		0.0004	13.32	82.35%	16.18	-0.0212	-0.0062	-0.0135	0.0653	0.0014	-0.0004	0.0254
Goss		0.0758	9.17	76.72%	11.96	-0.0337	-0.0019	-0.0095	0.0076	0.0009	-0.0001	-0.0367
Gotham	GNA_2023_126	0.0000	3.17	108.09%	2.93	-0.0037	-0.0001	-0.0025	0.0100	0.0005	0.0000	0.0042
Gowan		0.0000	9.96	83.28%	11.96	-0.0442	-0.0149	-0.0235	0.0224	0.0013	-0.0004	-0.0593
Grace		0.0003	8.76	73.27%	11.96	-0.0224	-0.0098	-0.0205	0.0390	0.0009	-0.0003	-0.0131
Graduate		0.0000	7.74	64.77%	11.96	-0.0085	-0.0094	-0.0197	0.0202	0.0006	-0.0001	-0.0169
Graf		0.0001	[redacted]			-0.0042	-0.0376	-0.0352	0.0039	0.0007	0.0000	-0.0724
Graham		0.0002	10.03	83.93%	11.96	-0.0105	-0.0005	-0.0054	0.0148	0.0071	-0.0001	0.0054
Grandad		0.0002	[redacted]			0.0000	0.0000	-0.0086	0.0038	0.0038	0.0000	-0.0010
Grande		0.0000	5.21	43.58%	11.96	-0.0131	-0.0043	-0.0106	0.0087	0.0007	-0.0001	-0.0187
Grandview		0.0000	2.27	95.06%	2.39	-0.0017	-0.0001	-0.0028	0.0168	0.0008	-0.0002	0.0128
Granite		0.0001	8.40	75.47%	11.13	-0.0037	-0.0029	-0.0200	0.0243	0.0014	-0.0029	-0.0038
Granny Smith		0.0000	2.25	18.81%	11.96	-0.0217	-0.0035	-0.0073	0.0336	0.0004	-0.0003	0.0012
Grant		0.0000	2.55	93.02%	2.75	-0.0036	-0.0002	-0.0026	0.0171	0.0006	0.0000	0.0113
Grape		0.0001	[redacted]			-0.0031	-0.0263	-0.0432	0.0176	0.0010	-0.0001	-0.0541
Grapefruit		0.0000	8.14	68.07%	11.96	-0.0102	-0.0127	-0.0184	0.0201	0.0007	-0.0012	-0.0217
Graphite	GNA_2023_163	0.5141	[redacted]			-0.0017	-0.0377	-0.0268	0.0040	0.0009	0.0000	-0.0613
Grasshopper		0.0000	8.67	72.54%	11.96	-0.0290	-0.0010	-0.0083	0.0590	0.0010	0.0000	0.0217
Gravel		0.0004	9.91	82.88%	11.96	-0.0068	-0.0144	-0.0328	0.0253	0.0012	-0.0005	-0.0280
Graves		0.0000	1.81	61.87%	2.93	-0.0029	-0.0003	-0.0014	0.0129	0.0005	-0.0001	0.0087
Graveyard		0.1034	7.47	52.25%	14.29	0.0000	0.0000	-0.0115	0.1177	0.0159	-0.0024	0.1197
Graydon		0.0001	13.47	87.54%	15.38	-0.0067	-0.0115	-0.0207	0.0518	0.0006	-0.0012	0.0123
Grayson		0.0181	2.35	89.17%	2.64	-0.0013	-0.0027	-0.0060	0.0188	0.0007	-0.0009	0.0086
Grazide		3.0540	[redacted]			-0.0102	-0.0185	-0.0300	0.0400	0.0009	-0.0003	-0.0181
Greasewood	GNA_2023_52	9.3604	6.51	77.93%	8.35	-0.0074	-0.0061	-0.0106	0.0096	0.0003	-0.0010	-0.0152
Great Park		0.0001	[redacted]			0.0000	0.0000	-0.0116	0.0069	0.0006	-0.0003	-0.0044
Great Salt		0.0000	4.56	38.12%	11.96	-0.0377	-0.0084	-0.0097	0.0098	0.0006	0.0000	-0.0454
Green		0.1524	7.80	97.48%	8.00	0.0000	0.0000	-0.0081	0.0024	0.0014	-0.0001	-0.0044
Green Acres		0.0000	9.60	80.29%	11.96	-0.0167	-0.0133	-0.0162	0.0085	0.0009	-0.0014	-0.0382
Green River		0.0000	8.14	68.05%	11.96	-0.0174	-0.0028	-0.0115	0.0650	0.0011	-0.0002	0.0342
Green Tree		0.0000	[redacted]			-0.0045	-0.0091	-0.0192	0.0040	0.0003	-0.0003	-0.0288
Greenbay		0.0001	7.53	62.94%	11.96	-0.0181	-0.0048	-0.0143	0.0595	0.0009	0.0000	0.0232
Greenhouse		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Greer		2.7088	4.81	92.22%	5.22	-0.0017	-0.0006	-0.0032	0.0003	0.0004	-0.0003	-0.0051
Gregg		0.5483	12.51	77.34%	16.18	-0.0041	-0.0112	-0.0242	0.0413	0.0011	-0.0010	0.0019
Gregory		0.0002	5.57	53.40%	10.43	-0.0077	-0.0032	-0.0103	0.0066	0.0005	-0.0004	-0.0145
Grenade		0.0001	8.24	68.91%	11.96	-0.0165	-0.0095	-0.0172	0.0132	0.0008	-0.0002	-0.0294
Greta		0.6423	8.69	82.28%	10.57	-0.0050	-0.0201	-0.0264	0.0149	0.0010	0.0001	-0.0355
Grevelia		0.0000	2.54	86.78%	2.93	-0.0027	-0.0026	-0.0031	0.0119	0.0002	-0.0004	0.0033
Grey		0.0000	9.14	76.45%	11.96	-0.0097	-0.0023	-0.0107	0.0365	0.0013	-0.0001	0.0150
Greyhound		0.0000	8.84	73.90%	11.96	-0.0039	-0.0012	-0.0066	0.0247	0.0146	0.0003	0.0279
GRHartman		0.0001	[redacted]			-0.0008	-0.0189	-0.0351	0.0066	0.0008	-0.0001	-0.0475
Gridiron		0.0000	9.13	76.34%	11.96	-0.0140	-0.0226	-0.0322	0.0129	0.0005	-0.0001	-0.0555
Gridley		0.0003	8.58	71.80%	11.96	-0.0020	-0.0221	-0.0421	0.0094	0.0008	-0.0002	-0.0562
Gridlock		0.0004	9.89	82.69%	11.96	-0.0228	-0.0079	-0.0145	0.0237	0.0004	0.0000	-0.0211
Griffin	GNA_2023_67	0.0003	9.71	91.94%	10.57	-0.0541	-0.0014	-0.0112	0.0298	0.0008	-0.0001	-0.0362
Grilley		0.0003	10.18	85.15%	11.96	-0.0156	-0.0040	-0.0152	0.0596	0.0011	-0.0001	0.0258
Grinder		0.0002	10.97	91.79%	11.96	-0.0020	-0.0085	-0.0509	0.0240	0.0009	-0.0022	-0.0387
Gringo		0.0000	13.53	83.63%	16.18	-0.0082	-0.0399	-0.0731	0.0407	0.0018	-0.0019	-0.0806
Grizzley		0.9064	11.45	70.80%	16.18	-0.0161	-0.0203	-0.0253	0.1310	0.0026	0.0003	0.0722
Grubstake		0.0000	[redacted]			-0.0082	-0.0099	-0.0175	0.0184	0.0005	0.0000	-0.0167
Grunion		0.0002	8.86	74.14%	11.96	-0.0110	-0.0142	-0.0221	0.0587	0.0011	-0.0002	0.0123
Gruwell		0.0003	9.11	76.21%	11.96	-0.0168	-0.0126	-0.0215	0.0164	0.0010	-0.0006	-0.0341
Guam		0.0000	7.95	66.45%	11.96	-0.0035	-0.0040	-0.0283	0.0423	0.0015	-0.0015	0.0065
Guard		0.0002	8.19	68.53%	11.96	-0.0151	-0.0413	-0.0310	0.0122	0.0002	-0.0004	-0.0754
Guasti	GNA_2023_331	0.0001	11.67	110.42%	10.57	-0.0089	-0.0197	-0.0327	0.0175	0.0009	-0.0013	-0.0442
Guernsey		0.0001	10.09	84.39%	11.96	-0.0031	-0.0047	-0.0270	0.0038	0.0010	-0.0012	-0.0312
Guest		0.0000	2.75	93.75%	2.93	-0.0010	-0.0001	-0.0028	0.0168	0.0007	-0.0002	0.0134
Guffy		0.0003	9.10	76.08%	11.96	-0.0368	-0.0134	-0.0180	0.0131	0.0014	-0.0003	-0.0540
Guidance		0.0000	[redacted]			-0.0028	-0.0420	-0.0363	0.0076	0.0011	0.0000	-0.0724
Guilder		0.0000	[redacted]			-0.0110	-0.0256	-0.0340	0.0168	0.0006	0.0001	-0.0531
Guinness		0.0000	10.46	87.48%	11.96	-0.0204	-0.0043	-0.0177	0.0508	0.0013	-0.0001	0.0096
Guitar		1.0000	[redacted]			-0.0101	-0.0254	-0.0430	0.0384	0.0002	0.0003	-0.0396
Gulf		0.0000	1.74	62.31%	2.80	-0.0002	0.0000	-0.0026	0.0215	0.0011	-0.0003	0.0195
Gull Lake		0.0000	1.81	43.41%	4.17	-0.0021	-0.0027	-0.0019	0.0005	0.0008	0.0004	-0.0050

Facility	2024 Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Gasbag	1.0808	[redacted]			-0.0018	-0.0192	-0.0300	0.0408	0.0011	0.0000	-0.0091
Gaspar	0.0000	[redacted]			-0.0064	-0.0165	-0.0311	0.0847	0.0050	-0.0008	0.0349
Gaston	0.0000	10.81	90.42%	11.96	-0.0431	-0.0139	-0.0471	0.1606	0.0030	-0.0011	0.0584
Gateway	0.0000	1.41	82.32%	1.72	0.0000	0.0000	-0.0027	0.0447	0.0051	-0.0002	0.0469
Gatlin	0.0000	9.91	82.86%	11.96	-0.0235	-0.0238	-0.0417	0.0779	0.0020	-0.0012	-0.0103
Gaucho	0.6554	7.98	49.30%	16.18	-0.0040	-0.0486	-0.0746	0.0295	0.0010	-0.0005	-0.0972
Gavin	0.0000	11.71	72.36%	16.18	-0.0206	-0.0289	-0.0652	0.1228	0.0015	-0.0008	0.0088
Gaylord	0.0045	7.75	64.85%	11.96	-0.0107	-0.0527	-0.0612	0.0318	0.0021	-0.0063	-0.0970
Gazelle	0.0023	7.05	58.96%	11.96	-0.0044	-0.0357	-0.0493	0.0079	0.0012	0.0000	-0.0803
Gear	0.0000	[redacted]			-0.0058	-0.0253	-0.0308	0.0116	0.0030	0.0000	-0.0473
Gearline	0.0000	[redacted]			-0.0055	-0.0655	-0.1109	0.0316	0.0018	-0.0001	-0.1486
Gee Bee	0.2024	10.07	84.22%	11.96	-0.0838	-0.0369	-0.0502	0.0213	0.0027	-0.0025	-0.1494
Gehrig	0.0058	8.58	73.11%	11.74	-0.0541	-0.0699	-0.0630	0.1633	0.0034	-0.0009	-0.0212
Gem	0.0000	1.07	44.87%	2.39	0.0000	0.0000	-0.0017	0.0454	0.0068	-0.0009	0.0496
General Petroleum	0.0001	[redacted]			-0.0008	-0.0221	-0.0392	0.0267	0.0040	0.0022	-0.0292
Georgian	0.0000	1.47	54.34%	2.71	-0.0008	-0.0087	-0.0114	0.0153	0.0008	0.0000	-0.0048
Geraths	0.0045	[redacted]			-0.0024	-0.0325	-0.0752	0.0595	0.0033	-0.0012	-0.0485
Gerona	0.0000	13.20	81.61%	16.18	-0.0193	-0.0372	-0.0568	0.0681	0.0019	-0.0033	-0.0466
Gertrude	0.0017	[redacted]			-0.0038	-0.0278	-0.0430	0.0297	0.0015	-0.0009	-0.0443
Giants	0.0012	[redacted]			-0.0050	-0.0103	-0.0522	0.0907	0.0031	-0.0015	0.0248
Gibbs	0.0001	2.67	95.31%	2.80	-0.0060	-0.0008	-0.0060	0.0213	0.0014	-0.0004	0.0095
Gibson	0.0004	[redacted]			-0.0081	-0.0397	-0.0560	0.0512	0.0055	-0.0019	-0.0490
Giddings	0.0048	8.44	70.57%	11.96	-0.0065	-0.0237	-0.0432	0.0303	0.0026	-0.0043	-0.0448
Gila	0.0027	10.68	89.31%	11.96	-0.0397	-0.0066	-0.0272	0.0269	0.0035	-0.0002	-0.0433
Gilfillan	0.0023	[redacted]			-0.0292	-0.0514	-0.0675	0.0207	0.0019	-0.0007	-0.1262
Gill	0.0002	8.94	85.67%	10.43	-0.0164	-0.0117	-0.0400	0.0524	0.0029	-0.0040	-0.0168
Gillette	0.0017	[redacted]			-0.0079	-0.0030	-0.0103	0.0114	0.0015	-0.0031	-0.0114
Gillibrand	0.0032	13.96	86.32%	16.18	-0.0475	-0.0033	-0.0273	0.1202	0.0027	-0.0004	0.0444
Gillis	0.0039	[redacted]			-0.0196	-0.0149	-0.0297	0.0612	0.0021	-0.0007	-0.0016
Gilman	0.0005	[redacted]			0.0000	0.0000	-0.0157	0.0086	0.0041	0.0000	-0.0030
Gilmore	0.0000	1.20	50.18%	2.39	-0.0013	-0.0066	-0.0053	0.0176	0.0010	-0.0005	0.0049
Gin	0.0000	13.78	45.11%	30.54	-0.1134	0.0000	-0.0172	0.0143	0.0018	-0.0003	-0.1148
Ginger	0.0016	8.35	69.84%	11.96	-0.0895	-0.0087	-0.0234	0.1162	0.0016	-0.0003	-0.0041
Girard	0.0001	9.26	77.48%	11.96	-0.0467	-0.0108	-0.0306	0.0319	0.0033	-0.0009	-0.0538
Girder	0.0000	1.59	63.70%	2.50	-0.0022	-0.0007	-0.0070	0.0373	0.0049	-0.0008	0.0315
Gizmo	2.0675	9.95	61.49%	16.18	0.0000	0.0000	-0.0328	0.1391	0.0194	-0.0053	0.1204
Glacier	0.0000	[redacted]			-0.0532	-0.0249	-0.0484	0.0551	0.0026	-0.0004	-0.0692
Gladiola	0.0033	5.05	31.24%	16.18	-0.0018	-0.0172	-0.0250	0.0140	0.0016	-0.0002	-0.0286
Gladstone	1.0391	[redacted]			-0.0052	-0.0354	-0.0529	0.0246	0.0016	-0.0046	-0.0719
Gladys	0.0041	13.86	92.74%	14.94	-0.0238	-0.0511	-0.0724	0.0663	0.0026	-0.0028	-0.0812
Glasgow	0.0000	1.58	54.01%	2.93	-0.0018	-0.0013	-0.0049	0.0341	0.0016	-0.0009	0.0268
Glass	0.0021	[redacted]			-0.0004	-0.0122	-0.0161	0.0006	0.0077	0.0000	-0.0204
Glasscock	0.0036	12.09	74.73%	16.18	-0.0422	-0.0036	-0.0265	0.0967	0.0027	-0.0002	0.0269
Gleason	0.0003	[redacted]			-0.0086	-0.0388	-0.0781	0.0779	0.0049	-0.0032	-0.0459
Glen Ridge	0.2906	9.22	77.08%	11.96	-0.0175	-0.0315	-0.0467	0.0556	0.0018	-0.0014	-0.0397
Glencoe	0.0000	2.28	85.27%	2.67	-0.0094	-0.0019	-0.0095	0.0149	0.0017	-0.0002	-0.0044
Glendon	0.0000	2.08	97.60%	2.14	-0.0017	-0.0035	-0.0071	0.0180	0.0012	-0.0008	0.0061
Glidden	0.0004	5.25	43.89%	11.96	-0.0071	-0.0263	-0.0461	0.0233	0.0010	-0.0002	-0.0554
Glider	0.0032	10.36	86.67%	11.96	-0.0411	-0.0150	-0.0329	0.0144	0.0026	-0.0004	-0.0724
Globe Mills	0.0000	[redacted]			-0.0370	-0.0293	-0.0482	0.0516	0.0029	-0.0003	-0.0603
Gloria	0.0000	11.88	73.43%	16.18	-0.0115	-0.0260	-0.0392	0.1403	0.0037	-0.0023	0.0650
Glover	0.1266	[redacted]			0.0000	0.0000	-0.0131	0.0047	0.0018	0.0002	-0.0064
Gnatcatcher	0.0037	4.74	49.58%	9.57	-0.0203	-0.0087	-0.0270	0.0251	0.0017	-0.0003	-0.0295
Gobar	0.0049	[redacted]			-0.0058	-0.0003	-0.0271	0.0227	0.0091	-0.0181	-0.0195
Godde	0.0040	7.47	62.45%	11.96	-0.0136	-0.0037	-0.0222	0.0322	0.0017	-0.0002	-0.0058
Goetz	0.8143	6.59	55.15%	11.96	-0.0717	-0.0006	-0.0171	0.0615	0.0054	0.0000	-0.0225
Gold	0.0039	7.97	66.67%	11.96	-0.0082	-0.0435	-0.0481	0.0186	0.0004	0.0000	-0.0808
Goldbuckle	1.7699	9.97	83.40%	11.96	-0.0280	-0.0117	-0.0349	0.0640	0.0025	-0.0009	-0.0090
Golden	0.0000	1.38	74.70%	1.85	-0.0039	-0.0043	-0.0062	0.0208	0.0016	-0.0002	0.0078
Goldenbear	0.3087	8.08	67.59%	11.96	-0.0194	-0.0040	-0.0264	0.0238	0.0036	-0.0048	-0.0272
Goldenwest	0.0000	2.09	87.56%	2.39	-0.0009	-0.0008	-0.0053	0.0251	0.0012	-0.0003	0.0190
Goldpan	0.4804	7.04	58.86%	11.96	-0.0963	-0.0146	-0.0329	0.0200	0.0021	0.0002	-0.1215
Goldsmith	0.0077	[redacted]			-0.0229	-0.0198	-0.0644	0.1547	0.0028	0.0003	0.0507
Goldwater	0.0000	10.08	84.30%	11.96	-0.0242	-0.0193	-0.0606	0.1953	0.0058	-0.0005	0.0965
Goldwyn	0.0000	2.06	70.49%	2.93	-0.0018	-0.0012	-0.0060	0.0412	0.0038	-0.0010	0.0350
Gondola	0.0018	7.00	58.51%	11.96	-0.0116	-0.0296	-0.0410	0.0226	0.0015	-0.0023	-0.0604
Goodner	0.0000	2.37	84.60%	2.80	-0.0020	-0.0019	-0.0120	0.0181	0.0017	-0.0017	0.0022
Gopher	0.0005	6.66	79.76%	8.35	-0.0100	-0.0109	-0.0142	0.0028	0.0032	0.0006	-0.0285
Gordo	0.0078	[redacted]			-0.0058	-0.0947	-0.1328	0.0265	0.0045	0.0000	-0.2023
Gordon	0.0055	10.23	85.52%	11.96	-0.0151	-0.0011	-0.0251	0.0276	0.0048	-0.0025	-0.0114
Gorge	0.0064	13.37	82.64%	16.18	-0.0373	-0.0117	-0.0278	0.1366	0.0036	-0.0007	0.0627
Goss	0.0991	9.18	76.79%	11.96	-0.0502	-0.0030	-0.0191	0.0177	0.0023	-0.0002	-0.0525
Gotham	0.0000	2.67	91.30%	2.93	-0.0066	-0.0001	-0.0052	0.0205	0.0016	0.0000	0.0102
Gowan	0.0000	9.91	82.87%	11.96	-0.0802	-0.0276	-0.0453	0.0469	0.0033	-0.0007	-0.1036
Grace	0.0053	8.76	73.29%	11.96	-0.0409	-0.0180	-0.0397	0.0804	0.0024	-0.0006	-0.0164
Graduate	0.0000	7.73	64.69%	11.96	-0.0160	-0.0174	-0.0353	0.0416	0.0014	-0.0002	-0.0259
Graf	0.0009	[redacted]			-0.0083	-0.0685	-0.0606	0.0084	0.0015	0.0001	-0.1274
Graham	0.0023	10.05	84.04%	11.96	-0.0189	-0.0009	-0.0109	0.0309	0.0152	-0.0002	0.0152
Grandad	0.0034	[redacted]			0.0000	0.0000	-0.0161	0.0078	0.0077	0.0000	-0.0006
Grande	0.0000	5.21	43.59%	11.96	-0.0158	-0.0051	-0.0204	0.0218	0.0027	-0.0008	-0.0176
Grandview	0.0002	2.28	95.51%	2.39	-0.0046	-0.0002	-0.0060	0.0321	0.0018	-0.0002	0.0229
Granite	0.0010	8.40	75.50%	11.13	-0.0068	-0.0055	-0.0378	0.0496	0.0039	-0.0049	-0.0015
Granny Smith	0.0000	2.27	19.02%	11.96	-0.0345	-0.0053	-0.0135	0.0780	0.0011	-0.0006	0.0252
Grant	0.0005	2.57	93.74%	2.75	-0.0048	-0.0003	-0.0052	0.0375	0.0021	-0.0003	0.0290
Grape	0.0008	[redacted]			-0.0058	-0.0481	-0.0768	0.0396	0.0023	-0.0002	-0.0890
Grapefruit	0.0000	8.12	67.92%	11.96	-0.0183	-0.0243	-0.0352	0.0415	0.0018	-0.0023	-0.0368
Graphite	0.5176	[redacted]			-0.0034	-0.0683	-0.0498	0.0083	0.0034	0.0000	-0.1098
Grasshopper	0.0000	8.71	72.82%	11.96	-0.0532	-0.0019	-0.0179	0.1216	0.0026	0.0000	0.0512
Gravel	1.2810	11.27	94.28%	11.96	-0.0127	-0.0266	-0.0582	0.0523	0.0026	-0.0009	-0.0435
Graves	0.0000	1.82	62.25%	2.93	-0.0052	-0.0005	-0.0030	0.0267	0.0013	-0.0002	0.0191
Graveyard	0.1034	7.60	53.15%	14.29	-0.0011	-0.0044	-0.0325	0.2655	0.0205	-0.0065	0.2415
Graydon	0.0019	13.49	87.71%	15.38	-0.0123	-0.0218	-0.0400	0.1085	0.0018	-0.0023	0.0339
Grayson	0.0209	2.37	89.71%	2.64	-0.0024	-0.0053	-0.0114	0.0384	0.0017	-0.0017	0.0193
Grazide	3.0565	[redacted]			-0.0184	-0.0337	-0.0591	0.0848	0.0022	-0.0006	-0.0248
Greasewood	40.7903	6.52	78.13%	8.35	-0.0146	-0.0129	-0.0203	0.0181	0.0017	-0.0015	-0.0295
Great Park	0.0024	[redacted]			0.0000	0.0000	-0.0204	0.0141	0.0013	-0.0010	-0.0060
Great Salt	0.0002	4.53	37.85%	11.96	-0.0655	-0.0139	-0.0190	0.0229	0.0012	-0.0001	-0.0744
Green	0.1965	7.84	98.01%	8.00	0.0000	0.0000	-0.0158	0.0049	0.0030	-0.0002	-0.0081
Green Acres	0.0000	9.56	79.99%	11.96	-0.0318	-0.0256	-0.0317	0.0187	0.0024	-0.0027	-0.0707
Green River	0.0000	8.18	68.42%	11.96	-0.0314	-0.0053	-0.0232	0.1326	0.0027	-0.0004	0.0750
Green Tree	0.0000	[redacted]			-0.0082	-0.0167	-0.0323	0.0087	0.0006	-0.0007	-0.0486
Greenbay	0.0010	7.56	63.22%	11.96	-0.0339	-0.0090	-0.0272	0.1233	0.0023	-0.0001	0.0554
Greenhouse	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Greer	2.7088	4.81	92.13%	5.22	-0.0033	-0.0011	-0.0066	0.0007	0.0012	-0.0008	-0.0099
Gregg	0.5483	12.52	77.42%	16.18	-0.0078	-0.0213	-0.0434	0.0861	0.0024	-0.0019	0.0141
Gregory	0.0015	5.56	53.32%	10.43	-0.0133	-0.0061	-0.0194	0.0135	0.0020	-0.0008	-0.0241
Grenade	0.0012	9.64	80.65%	11.96	-0.0306	-0.0176	-0.0321	0.0290	0.0023	-0.0005	-0.0495
Greta	0.8348	8.88	84.04%	10.57	-0.0089	-0.0332	-0.0494	0.0344	0.0018	0.0001	-0.0552
Grevelia	0.0000	2.55	86.99%	2.93	-0.0048	-0.0051	-0.0060	0.0246	0.0012	-0.0008	0.0091
Grey	0.0000	9.16	76.62%	11.96	-0.0171	-0.0043	-0.0221	0.0744	0.0032	-0.0002	0.0339
Greyhound	0.0000	8.87	74.20%	11.96	-0.0076	-0.0023	-0.0134	0.0510	0.0319	0.0012	0.0608
GRHartman	0.0010	[redacted]			-0.0015	-0.0345	-0.0596	0.0138	0.0016	-0.0002	-0.0804
Gridiron	0.7162	9.87	82.52%	11.96	-0.0258	-0.0423	-0.0574	0.0272	0.0015	-0.0007	-0.0975
Gridley	0.0046	8.55	71.50%	11.96	-0.0036	-0.0407	-0.0704	0.0196	0.0016	-0.0004	-0.0939
Gridlock	0.0069	9.88	82.67%	11.96	-0.0399	-0.0149	-0.0268	0.0497	0.0012	0.0000	-0.0307
Griffin	0.0048	9.69	91.74%	10.57	-0.0977	-0.0026	-0.0230	0.0613	0.0027	-0.0001	-0.0594
Grilley	0.0017	10.22	85.46%	11.96	-0.0277	-0.0074	-0.0303	0.1218	0.0028	-0.0002	0.0590
Grinder	0.0013	10.95	91.58%	11.96	-0.0036	-0.0157	-0.0933	0.0518	0.0023	-0.0046	-0.0631
Gringo	0.4571	13.95	86.21%	16.18	-0.0159	-0.0746	-0.1285	0.0856	0.0039	-0.0022	-0.1317
Grizzley	0.9857	11.64	71.95%	16.18	-0.0285	-0.0385	-0.0500	0.2827	0.0062	0.0002	0.1721
Grubstake	0.0000	[redacted]			-0.0159	-0.0179	-0.0316	0.0454	0.0011	0.0002	-0.0187
Grunion	0.0034	8.89	74.36%	11.96	-0.0215	-0.0272	-0.0401	0.1210	0.0027	-0.0005	0.0344
Gruwell	0.0057	9.09	76.04%	11.96	-0.0329	-0.0234	-0.0389	0.0356	0.0025	-0.0011	-0.0582
Guam	0.0000	7.96	66.59%	11.96	-0.0066	-0.0075	-0.0497	0.0860	0.0035	-0.0035	0.0222
Guard	0.0035	8.13	67.98%	11.96	-0.0294	-0.0785	-0.0552	0.0262	0.0006	-0.0020	-0.1383
Guasti	1.1944	12.92	108.08%	11.96	-0.0164	-0.0371	-0.0622	0.0363	0.0024	-0.0025	-0.0795
Guernsey	0.0005	10.06	84.18%	11.96	-0.0054	-0.0088	-0.0491	0.0078	0.0025	-0.0025	-0.0555
Guest	0.0000	2.76	94.29%	2.93	-0.0018	-0.0002	-0.0057	0.0342	0.0018	-0.0005	0.0278
Guffy	0.0056	9.06	75.76%	11.96	-0.0675	-0.0248	-0.0340	0.0298	0.0029	-0.0005	-0.0941
Guidance	0.0000	[redacted]			-0.0056	-0.0765	-0.0640	0.0159	0.0020	0.0000	-0.1282
Guilder	0.0000	[redacted]			-0.0211	-0.0469	-0.0611	0.0350	0.0015	0.0001	-0.0925
Guinness	0.0000	10.48	87.66%	11.96	-0.0372	-0.0079	-0.0346	0.1051	0.0032	-0.0002	0.0284
Guitar	1.0000	[redacted]			-0.0202	-0.0463	-0.0753	0.0824	0.0006	0.0003	-0.0585
Gulf	0.0005	1.77	63.07%	2.80	-0.0003	0.0000	-0.0056	0.0438	0.0022	-0.0009	0.0392
Gull Lake	0.0000	1.81	43.34%	4.17	-0.0039	-0.0051	-0.0033	0.0011	0.0031	0.0005	-0.0076

Facility	2025 Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Gasbag	1.0813	[redacted]			-0.0027	-0.0286	-0.0426	0.0583	0.0017	0.0000	-0.0139	1.0822	[redacted]	
Gaspar	0.0000	[redacted]			-0.0097	-0.0247	-0.0458	0.1281	0.0095	-0.0012	0.0562	0.0000	[redacted]	
Gaston	0.0000	10.84	90.68%	11.96	-0.0649	-0.0208	-0.0698	0.2381	0.0061	-0.0017	0.0870	0.0000	10.84	90.64%
Gateway	0.0000	1.44	84.09%	1.72	0.0000	0.0000	-0.0038	0.0720	0.0073	0.0003	0.0758	0.0000	1.46	85.26%
Gatlin	0.0000	9.90	82.82%	11.96	-0.0351	-0.0357	-0.0620	0.1161	0.0038	-0.0017	-0.0146	0.0000	9.91	82.88%
Gaucho	0.6556	7.94	49.11%	16.18	-0.0060	-0.0743	-0.0990	0.0507	0.0018	-0.0006	-0.1274	0.6556	7.91	48.92%
Gavin	0.1000	11.83	73.12%	16.18	-0.0301	-0.0432	-0.0923	0.1844	0.0029	-0.0012	0.0205	0.2000	11.94	73.84%
Gaylord	0.0063	7.71	64.48%	11.96	-0.0157	-0.0794	-0.0901	0.0503	0.0039	-0.0092	-0.1402	0.1011	7.76	64.91%
Gazelle	0.0028	7.01	58.65%	11.96	-0.0067	-0.0531	-0.0693	0.0119	0.0021	0.0000	-0.1151	0.0034	6.97	58.33%
Gear	0.0000	[redacted]			-0.0087	-0.0376	-0.0453	0.0177	0.0051	0.0000	-0.0688	0.1522	[redacted]	
Gearline	0.0000	[redacted]			-0.0083	-0.0974	-0.1624	0.0482	0.0027	-0.0001	-0.2173	0.0000	[redacted]	
Gee Bee	0.2195	10.01	83.74%	11.96	-0.1252	-0.0550	-0.0758	0.0353	0.0061	-0.0037	-0.2183	0.2315	9.96	83.26%
Gehrig	0.0083	8.61	73.38%	11.74	-0.0743	-0.0960	-0.0909	0.2640	0.0064	-0.0016	0.0076	0.0113	8.64	73.61%
Gem	0.0000	1.10	45.98%	2.39	0.0000	0.0000	-0.0025	0.0678	0.0107	-0.0014	0.0746	0.0000	1.12	46.99%
General Petroleum	0.0002	[redacted]			-0.0018	-0.0463	-0.0627	0.0376	0.0054	0.0020	-0.0658	0.0642	[redacted]	
Georgian	0.0000	1.47	54.33%	2.71	-0.0012	-0.0131	-0.0157	0.0234	0.0013	0.0000	-0.0053	0.0000	1.48	54.49%
Geraths	0.0067	[redacted]			-0.0042	-0.0563	-0.1082	0.0845	0.0063	-0.0013	-0.0792	0.0120	[redacted]	
Gerona	0.0000	13.18	81.50%	16.18	-0.0295	-0.0560	-0.0828	0.1064	0.0037	-0.0048	-0.0630	0.0635	13.23	81.80%
Gertrude	0.0017	[redacted]			-0.0057	-0.0415	-0.0639	0.0446	0.0029	-0.0013	-0.0649	0.0017	[redacted]	
Giants	0.0089	[redacted]			-0.0076	-0.0153	-0.0786	0.1340	0.0058	-0.0026	0.0357	0.2301	[redacted]	
Gibbs	0.0001	2.67	95.51%	2.80	-0.0089	-0.0012	-0.0093	0.0316	0.0028	-0.0006	0.0144	0.0004	2.68	95.74%
Gibson	0.0007	[redacted]			-0.0136	-0.0649	-0.0816	0.0746	0.0095	-0.0027	-0.0787	0.0012	[redacted]	
Giddings	0.0066	8.42	70.41%	11.96	-0.0096	-0.0358	-0.0642	0.0451	0.0054	-0.0063	-0.0654	0.0082	8.40	70.23%
Gila	0.0038	10.66	89.14%	11.96	-0.0581	-0.0099	-0.0426	0.0403	0.0081	-0.0003	-0.0625	0.0053	10.64	88.99%
Gilfillan	0.0046	[redacted]			-0.0434	-0.0766	-0.0984	0.0326	0.0036	-0.0010	-0.1832	0.0091	[redacted]	
Gill	0.0002	8.93	85.53%	10.43	-0.0277	-0.0200	-0.0595	0.0754	0.0052	-0.0050	-0.0316	0.0003	8.93	85.53%
Gillette	0.0025	[redacted]			-0.0102	-0.0038	-0.0157	0.0173	0.0028	-0.0050	-0.0146	0.0044	[redacted]	
Gillibrand	0.0045	13.99	86.50%	16.18	-0.0701	-0.0050	-0.0409	0.1809	0.0054	-0.0006	0.0697	0.0078	14.02	86.67%
Gillis	0.0057	[redacted]			-0.0294	-0.0223	-0.0430	0.0928	0.0038	-0.0010	0.0009	0.0100	[redacted]	
Gilman	0.0007	[redacted]			0.0000	0.0000	-0.0220	0.0131	0.0064	0.0000	-0.0025	0.0183	[redacted]	
Gilmore	0.0000	1.20	50.36%	2.39	-0.0019	-0.0098	-0.0077	0.0273	0.0017	-0.0008	0.0088	0.0000	1.20	50.45%
Gin	0.0000	13.73	44.95%	30.54	-0.1606	0.0000	-0.0263	0.0238	0.0036	-0.0005	-0.1600	0.0000	13.68	44.80%
Ginger	0.0022	8.37	70.01%	11.96	-0.1242	-0.0121	-0.0344	0.1811	0.0040	-0.0004	0.0140	0.0029	8.39	70.13%
Girard	0.0001	9.24	77.27%	11.96	-0.0685	-0.0162	-0.0462	0.0489	0.0067	-0.0013	-0.0766	0.0395	9.24	77.32%
Girder	0.0000	2.18	86.93%	2.50	-0.0022	-0.0007	-0.0090	0.0580	0.0093	-0.0008	0.0546	0.0000	2.20	87.88%
Gizmo	2.7602	10.73	66.32%	16.18	0.0000	0.0000	-0.0467	0.2082	0.0333	-0.0084	0.1864	3.2225	11.27	69.65%
Glacier	0.0000	[redacted]			-0.0781	-0.0371	-0.0714	0.0832	0.0049	-0.0006	-0.0991	0.0000	[redacted]	
Gladiola	0.0047	5.04	31.17%	16.18	-0.0027	-0.0258	-0.0367	0.0219	0.0023	-0.0003	-0.0413	0.0069	5.03	31.10%
Gladstone	1.1151	[redacted]			-0.0077	-0.0530	-0.0772	0.0369	0.0030	-0.0063	-0.1043	1.1638	[redacted]	
Gladys	0.0058	13.82	92.51%	14.94	-0.0354	-0.0747	-0.1064	0.1011	0.0048	-0.0042	-0.1148	0.0099	13.77	92.19%
Glasgow	0.0000	1.59	54.42%	2.93	-0.0031	-0.0022	-0.0075	0.0495	0.0027	-0.0013	0.0381	0.0000	1.61	54.89%
Glass	0.0030	[redacted]			-0.0006	-0.0181	-0.0241	0.0009	0.0111	0.0000	-0.0308	0.0052	[redacted]	
Glasscock	0.0051	12.11	74.88%	16.18	-0.0619	-0.0054	-0.0362	0.1451	0.0061	-0.0002	0.0475	0.0089	12.14	75.03%
Gleason	0.0005	[redacted]			-0.0131	-0.0583	-0.1141	0.1158	0.0094	-0.0047	-0.0650	0.0008	[redacted]	
Glen Ridge	0.2906	9.20	76.94%	11.96	-0.0257	-0.0474	-0.0684	0.0846	0.0034	-0.0020	-0.0555	0.2906	9.18	76.79%
Glencoe	0.0000	2.27	85.10%	2.67	-0.0156	-0.0030	-0.0144	0.0215	0.0029	-0.0003	-0.0089	0.0000	2.28	85.58%
Glendon	0.0000	2.09	97.78%	2.14	-0.0026	-0.0053	-0.0105	0.0268	0.0023	-0.0012	0.0095	0.0000	2.09	97.92%
Glidden	0.0005	5.22	43.69%	11.96	-0.0107	-0.0393	-0.0640	0.0349	0.0020	-0.0003	-0.0774	0.0006	5.20	43.46%
Glider	0.0044	10.33	86.39%	11.96	-0.0595	-0.0223	-0.0486	0.0218	0.0049	-0.0006	-0.1043	0.0059	10.30	86.14%
Globe Mills	0.0000	[redacted]			-0.0546	-0.0437	-0.0703	0.0837	0.0052	-0.0004	-0.0801	0.0343	[redacted]	
Gloria	0.0000	11.92	73.69%	16.18	-0.0171	-0.0388	-0.0567	0.2113	0.0070	-0.0033	0.1024	0.0000	11.96	73.92%
Glover	0.1377	[redacted]			0.0000	0.0000	-0.0214	0.0138	0.0032	0.0016	-0.0028	0.1678	[redacted]	
Gnatcatcher	0.0056	4.73	49.50%	9.57	-0.0301	-0.0129	-0.0397	0.0412	0.0031	-0.0004	-0.0388	0.0105	4.73	49.45%
Gobar	0.0067	[redacted]			-0.0086	-0.0005	-0.0407	0.0357	0.0157	-0.0272	-0.0256	0.0089	[redacted]	
Godde	0.0056	7.47	62.46%	11.96	-0.0197	-0.0055	-0.0331	0.0485	0.0031	-0.0003	-0.0070	0.0095	7.47	62.48%
Goetz	1.0058	6.80	56.84%	11.96	-0.1035	-0.0009	-0.0261	0.0911	0.0086	0.0000	-0.0308	1.2423	7.05	58.94%
Gold	0.0056	7.93	66.36%	11.96	-0.0125	-0.0649	-0.0676	0.0283	0.0007	0.0000	-0.1160	0.0064	7.90	66.03%
Goldbuckle	1.7703	9.97	83.38%	11.96	-0.0414	-0.0175	-0.0518	0.0948	0.0051	-0.0013	-0.0121	1.7703	9.96	83.32%
Golden	0.0001	1.39	74.88%	1.85	-0.0059	-0.0066	-0.0095	0.0305	0.0028	-0.0003	0.0110	0.0003	1.65	89.17%
Goldenbear	0.3326	8.09	67.68%	11.96	-0.0289	-0.0060	-0.0402	0.0352	0.0068	-0.0076	-0.0407	0.3518	8.10	67.75%
Goldenwest	0.0000	2.10	87.95%	2.39	-0.0016	-0.0014	-0.0080	0.0365	0.0023	-0.0004	0.0274	0.0000	2.11	88.39%
Goldpan	0.5198	7.02	58.72%	11.96	-0.1438	-0.0218	-0.0467	0.0317	0.0038	0.0003	-0.1765	0.6349	7.08	59.22%
Goldsmith	0.0112	[redacted]			-0.0310	-0.0270	-0.0935	0.2479	0.0060	-0.0001	0.1023	0.0194	[redacted]	
Goldwater	0.0000	10.13	84.71%	11.96	-0.0367	-0.0288	-0.0897	0.2896	0.0083	-0.0008	0.1419	0.0000	10.17	85.05%
Goldwyn	0.0000	2.08	71.06%	2.93	-0.0027	-0.0018	-0.0095	0.0609	0.0054	-0.0016	0.0507	0.0000	2.10	71.58%
Gondola	0.0025	6.97	58.26%	11.96	-0.0173	-0.0445	-0.0599	0.0340	0.0028	-0.0034	-0.0883	0.0028	6.94	58.01%
Goodner	0.0000	2.37	84.65%	2.80	-0.0030	-0.0029	-0.0180	0.0267	0.0033	-0.0026	0.0035	0.0000	2.37	84.70%
Gopher	0.0012	6.64	79.60%	8.35	-0.0149	-0.0162	-0.0212	0.0043	0.0050	0.0010	-0.0420	0.0020	6.64	79.53%
Gordo	0.0115	[redacted]			-0.0088	-0.1405	-0.1913	0.0418	0.0080	0.0000	-0.2908	0.0205	[redacted]	
Gordon	0.0073	10.22	85.50%	11.96	-0.0224	-0.0016	-0.0385	0.0420	0.0088	-0.0041	-0.0158	0.0089	10.22	85.49%
Gorge	0.0088	13.41	82.89%	16.18	-0.0559	-0.0176	-0.0423	0.2081	0.0069	-0.0010	0.0982	0.0104	13.45	83.12%
Goss	0.1078	9.17	76.70%	11.96	-0.0691	-0.0042	-0.0289	0.0272	0.0046	-0.0003	-0.0707	0.1137	9.16	76.57%
Gotham	0.0000	2.68	91.50%	2.93	-0.0100	-0.0002	-0.0079	0.0304	0.0032	0.0000	0.0155	0.0000	2.69	91.69%
Gowan	0.0000	9.86	82.45%	11.96	-0.1183	-0.0412	-0.0670	0.0715	0.0063	-0.0010	-0.1497	0.0000	9.80	81.93%
Grace	0.0076	8.78	73.43%	11.96	-0.0546	-0.0239	-0.0588	0.1294	0.0052	-0.0009	-0.0036	0.0085	8.77	73.36%
Graduate	0.0000	7.72	64.61%	11.96	-0.0239	-0.0260	-0.0498	0.0624	0.0029	-0.0003	-0.0347	0.0000	7.71	64.51%
Graf	0.0009	[redacted]			-0.0123	-0.1018	-0.0864	0.0133	0.0022	0.0001	-0.1849	0.0009	[redacted]	
Graham	0.0032	10.06	84.15%	11.96	-0.0280	-0.0014	-0.0164	0.0478	0.0248	-0.0003	0.0265	0.0054	10.08	84.27%
Grandad	0.0049	[redacted]			0.0000	0.0000	-0.0238	0.0120	0.0113	0.0000	-0.0005	0.0069	[redacted]	
Grande	0.0000	5.21	43.60%	11.96	-0.0183	-0.0060	-0.0301	0.0340	0.0049	-0.0014	-0.0169	0.0000	5.21	43.61%
Grandview	0.0003	2.29	96.10%	2.39	-0.0060	-0.0003	-0.0091	0.0485	0.0036	-0.0006	0.0361	0.0005	2.31	96.65%
Granite	0.0014	10.78	96.81%	11.13	-0.0101	-0.0083	-0.0556	0.0734	0.0076	-0.0070	0.0000	0.0020	10.78	96.83%
Granny Smith	0.0000	2.30	19.22%	11.96	-0.0471	-0.0072	-0.0193	0.1200	0.0020	-0.0009	0.0475	0.0000	2.32	19.38%
Grant	0.0007	2.59	94.40%	2.75	-0.0051	-0.0003	-0.0076	0.0554	0.0040	-0.0012	0.0452	0.0012	2.61	95.04%
Grape	0.0011	[redacted]			-0.0088	-0.0716	-0.1090	0.0567	0.0038	-0.0003	-0.1292	0.0015	[redacted]	
Grapefruit	0.0000	8.10	67.77%	11.96	-0.0277	-0.0367	-0.0518	0.0623	0.0034	-0.0034	-0.0539	0.0000	8.08	67.60%
Graphite	0.5192	[redacted]			-0.0052	-0.1013	-0.0730	0.0126	0.0058	0.0000	-0.1611	1.1385	[redacted]	
Grasshopper	0.0000	8.73	73.05%	11.96	-0.0804	-0.0029	-0.0277	0.1823	0.0051	0.0000	0.0764	0.0000	8.76	73.24%
Gravel	1.2820	11.26	94.13%	11.96	-0.0191	-0.0397	-0.0844	0.0785	0.0049	-0.0013	-0.0611	1.2833	11.24	93.98%
Graves	0.0000	1.83	62.62%	2.93	-0.0078	-0.0008	-0.0047	0.0401	0.0025	-0.0003	0.0290	0.0000	1.84	62.97%
Graveyard	0.1034	7.72	53.98%	14.29	-0.0022	-0.0092	-0.0534	0.4044	0.0259	-0.0107	0.3548	0.1168	7.89	55.18%
Graydon	0.0025	13.52	87.86%	15.38	-0.0181	-0.0328	-0.0599	0.1653	0.0039	-0.0033	0.0551	0.0031	13.54	88.01%
Grayson	0.0214	2.38	90.13%	2.64	-0.0036	-0.0080	-0.0167	0.0570	0.0032	-0.0025	0.0294	0.0231	2.39	90.54%
Grazide	3.0582	[redacted]			-0.0275	-0.0501	-0.0887	0.1244	0.0042	-0.0008	-0.0385	3.0609	[redacted]	
Greasewood	40.7903	6.51	77.95%	8.35	-0.0222	-0.0202	-0.0299	0.0267	0.0035	-0.0020	-0.0441	40.8382	6.54	78.37%
Great Park	0.0035	[redacted]			0.0000	0.0000	-0.0288	0.0210	0.0022	-0.0017	-0.0073	0.0062	[redacted]	
Great Salt	0.0003	4.48	37.50%	11.96	-0.1000	-0.0212	-0.0280	0.0341	0.0022	-0.0001	-0.1130	0.0004	4.44	37.16%
Green	0.2129	7.85	98.18%	8.00	0.0000	0.0000	-0.0226	0.0074	0.0040	-0.0003	-0.0115	0.2390	7.88	98.49%
Green Acres	0.0000	9.53	79.71%	11.96	-0.0467	-0.0386	-0.0471	0.0299	0.0047	-0.0039	-0.1017	0.0000	9.50	79.47%
Green River	0.0000	8.22	68.76%	11.96	-0.0466	-0.0079	-0.0350	0.1966	0.0055	-0.0006	0.1120	0.0000	8.26	69.05%
Green Tree	0.0000	[redacted]			-0.0123	-0.0249	-0.0451	0.0138	0.0012	-0.0011	-0.0684	0.0000	[redacted]	
Greenbay	0.0012	7.59	63.49%	11.96	-0.0515	-0.0135	-0.0394	0.1861	0.0048	-0.0002	0.0863	0.0014	7.62	63.74%
Greenhouse	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Greer	2.7088	4.80	92.05%	5.22	-0.0048	-0.0016	-0.0095	0.0012	0.0020	-0.0013	-0.0140	2.7088	4.80	91.98%
Gregg	0.5483	15.82	97.77%	16.18	-0.0117	-0.0320	-0.0632	0.1307	0.0043	-0.0028	0.0253	0.5483	15.83	97.84%
Gregory	0.0021	5.55	53.23%	10.43	-0.0198	-0.0092	-0.0273	0.0200	0.0040	-0.0012	-0.0335	0.0029	5.55	53.14%
Grenade	0.0017	9.62	80.49%	11.96	-0.0443	-0.0263	-0.0465	0.0465	0.0042	-0.0008	-0.0672	0.0314	9.64	80.62%
Greta	0.9436	8.98	84.96%	10.57	-0.0129	-0.0473	-0.0706	0.0533	0.0032	0.0001	-0.0742	0.9452	8.95	84.70%
Grevelia	0.0000	2.55	87.19%	2.93	-0.0072	-0.0078	-0.0089	0.0370	0.0026	-0.0012	0.0145	0.0000	2.56	87.37%
Grey	0.0000	9.18	76.78%	11.96	-0.0251	-0.0065	-0.0336	0.1102	0.0064	-0.0003	0.0511	0.0000	9.20	76.91%
Greyhound	0.0000	8.91	74.50%	11.96	-0.0116	-0.0034	-0.0203	0.0781	0.0495	0.0021	0.0944	0.0000	8.94	74.81%
GRHartman	0.0010	[redacted]			-0.0023	-0.0513	-0.0846	0.0210	0.0029	-0.0003	-0.1146	0.0010	[redacted]	
Gridiron	0.7162	9.82	82.15%	11.96	-0.0373	-0.0634	-0.0804	0.0418	0.0027	-0.0013	-0.1379	0.7163	9.78	81.78%
Gridley	0.0066	8.51	71.17%	11.96	-0.0053	-0.0607	-0.0988	0.0298	0.0031	-0.0006	-0.1325	0.0114	8.47	70.86%
Gridlock	0.0099	9.88	82.59%	11.96	-0.0593	-0.0224	-0.0384	0.0761	0.0024	0.0000	-0.0416	0.0171	9.87	82.54%
Griffin	0.0077	9.66	91.47%	10.57	-0.1470	-0.0039	-0.0348	0.0918	0.0056	-0.0001	-0.0884	0.0143	9.63	91.18%
Grilley	0.0020	10.25	85.74%	11.96	-0.0411	-0.0110	-0.0454	0.1809	0.0056	-0.0003	0.0887	0.0020	10.26	85.80%
Grinder	0.0017	10.92	91.37%	11.96	-0.0054	-0.0234	-0.1353	0.0798	0.0043	-0.0071	-0.0871	0.0023	10.90	91.16%
Gringo	0.4573	13.89	85.87%	16.18	-0.0236	-0.1118	-0.1846	0.1313	0.0069	-0.0050	-0.1868	0.4576	13.83	85.50%
Grizzley	1.0119	11.76	72.71%	16.18	-0.0418	-0.0579	-0.0800	0.4341	0.0084	-0.0001	0.2627	1.0290	11.87	73.36%
Grubstake	0.0000	[redacted]			-0.0239	-0.0265	-0.0455	0.0797	0.0018	0.0003	-0.0141	0.0000	[redacted]	
Grunion	0.0047	8.91	74.56%	11.96	-0.0326	-0.0410	-0.0576	0.1815	0.0049	-0.0007	0.0545	0.0078	8.94	74.73%
Gruwell	0.0083	9.07	75.88%	11.96	-0.0483	-0.0350	-0.0550	0.0563	0.0045	-0.0015	-0.0790	0.0111	9.05	75.73%
Guam	0.0000	7.98	66.71%	11.96	-0.0099	-0.0113	-0.0714	0.1270	0.0066	-0.0055	0.0355	0.0000	9.21	76.99%
Guard	0.0040	8.06	67.41%	11.96	-0.0432	-0.1182	-0.0776	0.0411	0.0010	-0.0036	-0.2005	0.0055	7.99	66.85%
Guasti	1.1956	11.34	94.85%	11.96	-0.0241	-0.0557	-0.0912	0.0547	0.0046	-0.0036	-0.1153	1.1977	11.30	94.51%
Guernsey	0.0007	10.04	83.96%	11.96	-0.0079	-0.0132	-0.0708	0.0116	0.0046	-0.0039	-0.0796	0.0009	10.01	83.76%
Guest	0.0000	2.78	94.80%	2.93	-0.0028	-0.0003	-0.0087	0.0505	0.0034	-0.0008	0.0413	0.0000	2.79	95.26%
Guffy	0.0079	9.02	75.45%	11.96	-0.0975	-0.0370	-0.0492	0.0493	0.0049	-0.0007	-0.1302	0.0134	8.99	75.21%
Guidance	0.0000	[redacted]			-0.0082	-0.1137	-0.0933	0.0242	0.0033	0.0000	-0.1877	0.0000	[redacted]	
Guilder	0.0005	[redacted]			-0.0319	-0.0698	-0.0872	0.0534	0.0027	0.0001	-0.1327	0.0017	[redacted]	
Guinness	0.0000	10.50	87.78%	11.96	-0.0550	-0.0118	-0.0514	0.1535	0.0065	-0.0003	0.0415	0.0000	10.50	87.85%
Guitar	1.0000	[redacted]			-0.0304	-0.0688	-0.1077	0.1289	0.0012	0.0004	-0.0764	1.1942	[redacted]	
Gulf	0.0007	1.79	63.80%	2.80	-0.0005	0.0000	-0.0087	0.0651	0.0041	-0.0015	0.0585	0.0012	1.82	64.95%
Gull Lake	0.0000	1.81	43.25%	4.17	-0.0058	-0.0077	-0.0045	0.0018	0.0047	0.0006	-0.0109	0.0000	1.80	43.16%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0036	-0.0386	-0.0545	0.0729	0.0025	0.0000	-0.0213	1.0844	[redacted]			-0.0044	-0.0491	-0.0661	0.0946	0.0036	0.0000	-0.0214	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0132	-0.0335	-0.0603	0.1685	0.0163	-0.0016	0.0762	0.0000	[redacted]			-0.0171	-0.0431	-0.0736	0.2062	0.0231	-0.0020	0.0935	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1000	-0.0317	-0.0904	0.2965	0.0097	-0.0021	0.0820	0.0000	10.82	90.53%	11.96	-0.1381	-0.0431	-0.1106	0.3514	0.0140	-0.0026	0.0710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.72	0.0000	0.0000	-0.0051	0.0887	0.0117	-0.0005	0.0948	0.0000	1.49	86.96%	1.72	0.0000	0.0000	-0.0061	0.1140	0.0145	0.0000	0.1224	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0433	-0.0439	-0.0793	0.1545	0.0062	-0.0027	-0.0085	0.0000	9.90	82.82%	11.96	-0.0573	-0.0570	-0.0964	0.1899	0.0091	-0.0033	-0.0150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0080	-0.1012	-0.1244	0.0747	0.0029	-0.0008	-0.1568	0.6556	7.89	48.76%	16.18	-0.0098	-0.1278	-0.1500	0.1006	0.0051	-0.0011	-0.1830	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0401	-0.0583	-0.1189	0.2409	0.0047	-0.0016	0.0267	0.8000	12.62	78.03%	16.18	-0.0477	-0.0696	-0.1451	0.3015	0.0074	-0.0021	0.0444	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0215	-0.1118	-0.1148	0.0664	0.0063	-0.0114	-0.1868	0.5047	8.16	68.21%	11.96	-0.0264	-0.1408	-0.1392	0.0844	0.0093	-0.0144	-0.2271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0089	-0.0716	-0.0892	0.0157	0.0022	0.0000	-0.1518	0.0046	6.93	57.99%	11.96	-0.0110	-0.0912	-0.1106	0.0194	0.0022	0.0000	-0.1912	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0119	-0.0507	-0.0573	0.0235	0.0078	0.0000	-0.0886	0.6522	[redacted]			-0.0119	-0.0507	-0.0629	0.0334	0.0116	0.0001	-0.0804	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0112	-0.1314	-0.2124	0.0640	0.0037	-0.0001	-0.2874	0.0000	[redacted]			-0.0143	-0.1674	-0.2616	0.0795	0.0048	-0.0001	-0.3591	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1659	-0.0742	-0.0994	0.0500	0.0115	-0.0048	-0.2828	0.2383	9.90	82.77%	11.96	-0.2050	-0.0944	-0.1192	0.0648	0.0166	-0.0059	-0.3431	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0942	-0.1231	-0.1190	0.3571	0.0116	-0.0021	0.0303	0.0178	8.65	73.67%	11.74	-0.1207	-0.1614	-0.1411	0.4365	0.0198	-0.0027	0.0304	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0033	0.0884	0.0142	-0.0019	0.0974	0.0000	1.14	47.90%	2.39	0.0000	0.0000	-0.0040	0.1073	0.0172	-0.0025	0.1180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0022	-0.0578	-0.0798	0.0510	0.0081	0.0032	-0.0775	0.3217	[redacted]			-0.0026	-0.0700	-0.0952	0.0643	0.0107	0.0045	-0.0883	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0014	-0.0158	-0.0201	0.0343	0.0021	-0.0001	-0.0010	0.0000	1.48	54.48%	2.71	-0.0018	-0.0204	-0.0246	0.0424	0.0032	0.0000	-0.0012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0061	-0.0818	-0.1403	0.1076	0.0093	-0.0014	-0.1127	0.0259	[redacted]			-0.0080	-0.1092	-0.1714	0.1294	0.0133	-0.0015	-0.1474	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0410	-0.0756	-0.1094	0.1441	0.0068	-0.0063	-0.0814	0.3209	13.49	83.41%	16.18	-0.0544	-0.0960	-0.1341	0.1803	0.0099	-0.0078	-0.1021	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0069	-0.0510	-0.0811	0.0608	0.0047	-0.0020	-0.0755	0.0017	[redacted]			-0.0086	-0.0662	-0.0978	0.0736	0.0070	-0.0024	-0.0944	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0105	-0.0206	-0.0984	0.1722	0.0091	-0.0037	0.0481	0.5220	[redacted]			-0.0138	-0.0262	-0.1149	0.2061	0.0118	-0.0050	0.0580	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0122	-0.0016	-0.0114	0.0408	0.0051	-0.0007	0.0200	0.0012	2.69	95.97%	2.80	-0.0159	-0.0020	-0.0135	0.0491	0.0081	-0.0008	0.0250	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0176	-0.0822	-0.1076	0.0997	0.0173	-0.0037	-0.0941	0.0024	[redacted]			-0.0224	-0.1013	-0.1317	0.1224	0.0250	-0.0047	-0.1127	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0127	-0.0483	-0.0840	0.0584	0.0090	-0.0084	-0.0860	0.0115	8.38	70.08%	11.96	-0.0158	-0.0613	-0.1024	0.0705	0.0130	-0.0105	-0.1065	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0777	-0.0133	-0.0563	0.0527	0.0138	-0.0003	-0.0811	0.0086	10.62	88.84%	11.96	-0.0988	-0.0169	-0.0688	0.0643	0.0202	-0.0003	-0.1003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0585	-0.1034	-0.1265	0.0444	0.0057	-0.0013	-0.2396	0.0215	[redacted]			-0.0751	-0.1316	-0.1548	0.0561	0.0086	-0.0016	-0.2984	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0327	-0.0238	-0.0725	0.0970	0.0072	-0.0066	-0.0314	0.0006	8.93	85.55%	10.43	-0.0378	-0.0278	-0.0862	0.1197	0.0103	-0.0083	-0.0301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0124	-0.0047	-0.0205	0.0226	0.0047	-0.0068	-0.0171	0.0093	[redacted]			-0.0145	-0.0057	-0.0246	0.0273	0.0066	-0.0087	-0.0196	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0944	-0.0067	-0.0532	0.2370	0.0092	-0.0008	0.0911	0.0159	14.05	86.85%	16.18	-0.1195	-0.0085	-0.0650	0.2897	0.0144	-0.0010	0.1101	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0391	-0.0301	-0.0561	0.1224	0.0067	-0.0013	0.0025	0.0212	[redacted]			-0.0484	-0.0382	-0.0689	0.1504	0.0102	-0.0016	0.0035	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0282	0.0174	0.0067	0.0000	-0.0041	0.0846	[redacted]			0.0000	0.0000	-0.0344	0.0215	0.0070	0.0000	-0.0059	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0026	-0.0136	-0.0101	0.0351	0.0029	-0.0010	0.0107	0.0000	1.21	50.53%	2.39	-0.0032	-0.0175	-0.0123	0.0427	0.0040	-0.0012	0.0125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
30.54	-0.2067	0.0000	-0.0347	0.0335	0.0064	-0.0007	-0.2022	0.0000	13.64	44.67%	30.54	-0.2509	0.0000	-0.0425	0.0429	0.0095	-0.0009	-0.2419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1608	-0.0157	-0.0442	0.2409	0.0070	-0.0007	0.0265	0.0047	8.39	70.21%	11.96	-0.1984	-0.0195	-0.0538	0.2955	0.0107	-0.0010	0.0335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1020	-0.0247	-0.0592	0.0663	0.0104	-0.0014	-0.1106	0.2110	9.41	78.70%	11.96	-0.1238	-0.0306	-0.0717	0.0813	0.0152	-0.0017	-0.1313	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.50	-0.0022	-0.0007	-0.0108	0.0779	0.0135	-0.0008	0.0769	0.0000	2.22	88.79%	2.50	-0.0022	-0.0007	-0.0125	0.0971	0.0177	-0.0008	0.0986	0.14	0.17	0.19	0.21	0.24	5.60%	6.79%	7.59%	8.39%	9.59%
16.18	0.0000	0.0000	-0.0601	0.2718	0.0479	-0.0114	0.2482	3.2234	11.33	70.02%	16.18	0.0000	0.0000	-0.0733	0.3303	0.0631	-0.0147	0.3054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1039	-0.0500	-0.0918	0.1094	0.0080	-0.0008	-0.1291	0.0000	[redacted]			-0.1296	-0.0636	-0.1115	0.1341	0.0122	-0.0010	-0.1594	1.57	1.52	1.48	1.43	1.41	[redacted]				
16.18	-0.0036	-0.0348	-0.0477	0.0297	0.0034	-0.0004	-0.0534	0.0111	5.03	31.07%	16.18	-0.0045	-0.0442	-0.0563	0.0371	0.0050	-0.0005	-0.0634	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0102	-0.0715	-0.0990	0.0482	0.0048	-0.0088	-0.1365	1.1638	[redacted]			-0.0131	-0.0941	-0.1165	0.0578	0.0081	-0.0092	-0.1670	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.94	-0.0507	-0.1035	-0.1394	0.1282	0.0085	-0.0053	-0.1622	0.0197	13.74	91.99%	14.94	-0.0661	-0.1294	-0.1703	0.1606	0.0122	-0.0067	-0.1997	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0037	-0.0026	-0.0099	0.0649	0.0046	-0.0019	0.0514	0.0000	1.62	55.31%	2.93	-0.0043	-0.0030	-0.0121	0.0785	0.0066	-0.0025	0.0632	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0007	-0.0222	-0.0294	0.0013	0.0114	0.0001	-0.0395	0.0109	[redacted]			-0.0009	-0.0289	-0.0347	0.0016	0.0114	0.0001	-0.0514	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0829	-0.0073	-0.0451	0.1896	0.0117	-0.0002	0.0658	0.0181	12.16	75.18%	16.18	-0.1045	-0.0092	-0.0565	0.2313	0.0169	-0.0003	0.0777	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0177	-0.0787	-0.1496	0.1497	0.0162	-0.0063	-0.0864	0.0011	[redacted]			-0.0226	-0.1001	-0.1820	0.1804	0.0230	-0.0079	-0.1092	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0342	-0.0640	-0.0883	0.1120	0.0056	-0.0026	-0.0715	0.2906	9.16	76.64%	11.96	-0.0434	-0.0812	-0.1080	0.1396	0.0083	-0.0032	-0.0879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.67	-0.0156	-0.0030	-0.0163	0.0309	0.0079	-0.0005	0.0034	0.0000	2.30	86.04%	2.67	-0.0156	-0.0030	-0.0181	0.0399	0.0128	-0.0007	0.0153	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	-0.0035	-0.0072	-0.0139	0.0346	0.0039	-0.0016	0.0123	0.0000	2.09	98.03%	2.14	-0.0045	-0.0092	-0.0170	0.0417	0.0055	-0.0020	0.0145	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0155	-0.0580	-0.0776	0.0442	0.0035	-0.0003	-0.1037	0.0008	5.17	43.23%	11.96	-0.0201	-0.0777	-0.0910	0.0533	0.0057	-0.0003	-0.1301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0768	-0.0301	-0.0628	0.0288	0.0087	-0.0008	-0.1330	0.0095	10.27	85.93%	11.96	-0.0929	-0.0383	-0.0763	0.0354	0.0132	-0.0010	-0.1599	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0660	-0.0533	-0.0907	0.1142	0.0089	-0.0008	-0.0877	0.1955	[redacted]			-0.0853	-0.0694	-0.1072	0.1465	0.0143	-0.0009	-0.1020	0.33	0.30	0.28	0.30	0.48	[redacted]				
16.18	-0.0226	-0.0522	-0.0731	0.2769	0.0115	-0.0043	0.1362	0.0000	11.99	74.13%	16.18	-0.0278	-0.0662	-0.0902	0.3387	0.0183	-0.0054	0.1674	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0285	0.0233	0.0043	0.0029	0.0020	0.2604	[redacted]			0.0000	0.0000	-0.0337	0.0274	0.0052	0.0030	0.0019	0.00	0.00	0.00	0.00	0.00	[redacted]				
9.57	-0.0412	-0.0177	-0.0518	0.0571	0.0058	-0.0004	-0.0482	0.0244	4.73	49.50%	9.57	-0.0530	-0.0227	-0.0630	0.0732	0.0081	-0.0003	-0.0577	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0113	-0.0007	-0.0538	0.0485	0.0237	-0.0361	-0.0297	0.0144	[redacted]			-0.0140	-0.0009	-0.0664	0.0605	0.0329	-0.0461	-0.0340	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0258	-0.0074	-0.0432	0.0635	0.0052	-0.0004	-0.0081	0.0189	7.48	62.55%	11.96	-0.0321	-0.0094	-0.0530	0.0772	0.0078	-0.0005	-0.0100	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1358	-0.0012	-0.0339	0.1175	0.0135	0.0000	-0.0399	1.2423	7.04	58.87%	11.96	-0.1674	-0.0016	-0.0405	0.1413	0.0210	0.0000	-0.0472	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0167	-0.0876	-0.0865	0.0376	0.0009	-0.0001	-0.1524	0.0064	7.86	65.73%	11.96	-0.0206	-0.1116	-0.1014	0.0468	0.0012	-0.0001	-0.1857	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0558	-0.0236	-0.0681	0.1222	0.0087	-0.0020	-0.0186	1.7703	9.95	83.23%	11.96	-0.0717	-0.0300	-0.0842	0.1469	0.0132	-0.0027	-0.0285	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.85	-0.0082	-0.0090	-0.0123	0.0396	0.0042	-0.0004	0.0139	0.0009	1.66	89.35%	1.85	-0.0108	-0.0114	-0.0148	0.0485	0.0056	-0.0005	0.0166	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0383	-0.0081	-0.0510	0.0453	0.0105	-0.0103	-0.0519	0.3643	8.10	67.77%	11.96	-0.0475	-0.0103	-0.0612	0.0542	0.0153	-0.0133	-0.0628	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0018	-0.0016	-0.0105	0.0478	0.0039	-0.0006	0.0372	0.0000	2.12	88.78%	2.39	-0.0020	-0.0018	-0.0129	0.0578	0.0056	-0.0009	0.0458	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1968	-0.0294	-0.0596	0.0434	0.0059	0.0004	-0.2361	1.0056	7.43	62.12%	11.96	-0.2461	-0.0359	-0.0727	0.0564	0.0086	0.0004	-0.2893	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0391	-0.0346	-0.1200	0.3312	0.0101	-0.0005	0.1471	0.0406	[redacted]			-0.0469	-0.0426	-0.1461	0.4063	0.0158	-0.0009	0.1856	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0496	-0.0389	-0.1165	0.3739	0.0123	-0.0010	0.1802	0.0000	10.20	85.30%	11.96	-0.0630	-0.0495	-0.1451	0.4500	0.0172	-0.0015	0.2081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0036	-0.0024	-0.0127	0.0783	0.0078	-0.0022	0.0652	0.0000	2.11	72.02%	2.93	-0.0046	-0.0031	-0.0159	0.0938	0.0099	-0.0029	0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0234	-0.0601	-0.0769	0.0445	0.0045	-0.0044	-0.1158	0.0028	6.91	57.75%	11.96	-0.0302	-0.0764	-0.0935	0.0544	0.0066	-0.0055	-0.1446	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0040	-0.0039	-0.0234	0.0343	0.0052	-0.0035	0.0047	0.0000	2.37	84.74%	2.80	-0.0051	-0.0049	-0.0288	0.0410	0.0079	-0.0044	0.0057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0167	-0.0183	-0.0261	0.0054	0.0066	0.0009	-0.0482	0.0033	6.63	79.47%	8.35	-0.0184	-0.0206	-0.0309	0.0065	0.0084	0.0007	-0.0543	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0116	-0.1879	-0.2436	0.0563	0.0082	0.0000	-0.3786	0.0443	[redacted]			-0.0143	-0.2383	-0.2858	0.0708	0.0081	0.0001	-0.4594	0.94	0.90	0.86	0.86	0.82	[redacted]				
11.96	-0.0304	-0.0021	-0.0504	0.0555	0.0149	-0.0058	-0.0183	0.0121	10.22	85.50%	11.96	-0.0394	-0.0027	-0.0599	0.0673	0.0224	-0.0079	-0.0202	0.20	0.20	0.21	0.22	0.23	1.67%	1.67%	1.76%	1.84%	1.92%
16.18	-0.0765	-0.0237	-0.0549	0.2756	0.0112	-0.0013	0.1304	0.0137	13.48	83.33%	16.18	-0.0999	-0.0301	-0.0667	0.3395	0.0166	-0.0014	0.1580	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0903	-0.0054	-0.0377	0.0357	0.0075	-0.0004	-0.0906	0.1137	9.13	76.36%	11.96	-0.1147	-0.0067	-0.0464	0.0434	0.0111	-0.0005	-0.1138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0139	-0.0003	-0.0105	0.0393	0.0057	0.0000	0.0203	0.0000	2.69	91.82%	2.93	-0.0184	-0.0004	-0.0129	0.0473	0.0082	0.0000	0.0238	0.30	0.30	0.30	0.30	0.30	10.24%	10.24%	10.24%	10.24%	10.24%
11.96	-0.1644	-0.0579	-0.0858	0.0918	0.0102	-0.0012	-0.2073	0.0000	9.75	81.51%	11.96	-0.2045	-0.0730	-0.1042	0.1139	0.0153	-0.0015	-0.2540	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0765	-0.0333	-0.0758	0.1663	0.0083	-0.0012	-0.0122	0.0085	8.76	73.25%	11.96	-0.1001	-0.0432	-0.0924	0.2010	0.0121	-0.0015	-0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0318	-0.0351	-0.0645	0.0815	0.0051	-0.0006	-0.0454	0.0000	7.70	64.41%	11.96	-0.0396	-0.0446	-0.0789	0.0994	0.0078	-0.0010	-0.0569	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0159	-0.1373	-0.1096	0.0183	0.0023	0.0001	-0.2421	0.0009	[redacted]			-0.0176	-0.1569	-0.1221	0.0238	0.0024	0.0005	-0.2699	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0376	-0.0019	-0.0214	0.0645	0.0341	-0.0004	0.0373	0.0109	10.09	84.42%	11.96	-0.0474	-0.0024	-0.0263	0.0809	0.0440	-0.0005	0.0483	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0317	0.0279	0.0124	0.0002	0.0088	0.0110	[redacted]			0.0000	0.0000	-0.0382	0.0433	0.0132	0.0004	0.0187	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0206	-0.0069	-0.0391	0.0448	0.0080	-0.0020	-0.0158	0.0000	5.22	43.62%	11.96	-0.0228	-0.0078	-0.0478	0.0543	0.0119	-0.0026	-0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0075	-0.0004	-0.0121	0.0630	0.0061	-0.0010	0.0481	0.0010	2.32	97.13%	2.39	-0.0092	-0.0005	-0.0149	0.0759	0.0086	-0.0015	0.0584	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0135	-0.0112	-0.0716	0.0946	0.0115	-0.0090	0.0008	0.0033	10.78	96.83%	11.13	-0.0171	-0.0142	-0.0872	0.1134	0.0165	-0.0111	0.0003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0592	-0.0093	-0.0249	0.1575	0.0034	-0.0012	0.0663	0.0000	2.35	19.63%	11.96	-0.0632	-0.0101	-0.0301	0.1945	0.0054	-0.0029	0.0936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.75	-0.0068	-0.0004	-0.0097	0.0723	0.0070	-0.0016	0.0608	0.0024	2.63	95.62%	2.75	-0.0089	-0.0005	-0.0122	0.0873	0.0103	-0.0022	0.0738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0120	-0.0966	-0.1426	0.0711	0.0061	-0.0004	-0.1744	0.0023	[redacted]			-0.0156	-0.1230	-0.1738	0.0923	0.0080	-0.0005	-0.2126	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0381	-0.0495	-0.0670	0.0814	0.0055	-0.0044	-0.0721	0.0000	8.06	67.42%	11.96	-0.0499	-0.0628	-0.0813	0.0994	0.0081	-0.0047	-0.0912	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0069	-0.1355	-0.0908	0.0165	0.0059	0.0000	-0.2108	1.1385	[redacted]			-0.0085	-0.1718	-0.1067	0.0203	0.0058	0.0000	-0.2609	0.70	1.20	1.15	1.78	1.72	[redacted]				
11.96	-0.1096	-0.0039	-0.0359	0.2381	0.0083	0.0000	0.0970	0.0000	8.77	73.39%	11.96	-0.1416	-0.0050	-0.0437	0.2905	0.0126	0.0000	0.1128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0259	-0.0536	-0.1086	0.1026	0.0081	-0.0017	-0.0791	1.2859	11.24	94.03%	11.96	-0.0277	-0.0572	-0.1314	0.1308	0.0124	-0.0031	-0.0762	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0106	-0.0011	-0.0061	0.0524	0.0041	-0.0004	0.0383	0.0000	1.85	63.29%	2.93	-0.0137	-0.0014	-0.0075	0.0640	0.0061	-0.0005	0.0470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0022	-0.0092	-0.0622	0.5499	0.0407	-0.0112	0.5058	0.1958	8.06	56.40%	14.29	-0.0033	-0.0146	-0.0809	0.6588	0.0490	-0.0156	0.5934	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.38	-0.0238	-0.0443	-0.0785	0.2190	0.0068	-0.0043	0.0749	0.0042	13.56	88.14%	15.38	-0.0294	-0.0562	-0.0969	0.2699	0.0103	-0.0053	0.0924	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.64	-0.0047	-0.0108	-0.0221	0.0736	0.0055	-0.0033	0.0382	0.0231	2.40	90.83%	2.64	-0.0058	-0.0137	-0.0272	0.0886	0.0078	-0.0041	0.0456	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0373	-0.0676	-0.1129	0.1592	0.0069	-0.0010	-0.0527	3.0678	[redacted]			-0.0481	-0.0861	-0.1354	0.1988	0.0101	-0.0013	-0.0620	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0301	-0.0277	-0.0388	0.0349	0.0060	-0.0025	-0.0582	40.9403	6.64	79.49%	8.35	-0.0385	-0.0355	-0.0475	0.0429	0.0090	-0.0030	-0.0726	8.02	41.30	41.28	41.33	41.43	96.05%	494.61%	494.37%	494.97%	496.17%
[redacted]	0.0000	0.0000	-0.0370	0.0274	0.0034	-0.0025	-0.0087	0.0126	[redacted]			-0.0002	-0.0003	-0.0467	0.0337	0.0051	-0.0033	-0.0117	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1340	-0.0290	-0.0364	0.0449	0.0039	-0.0001	-0.1507	0.0006	4.41	36.91%	11.96	-0.1605	-0.0357	-0.0445	0.0566	0.0063	-0.0002	-0.1780	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.00	0.0000	0.0000	-0.0282	0.0098	0.0047	-0.0004	-0.0141	0.2991	7.94	99.24%	8.00	0.0000	0.0000	-0.0345	0.0122	0.0061	-0.0005	-0.0167	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0608	-0.0521	-0.0602	0.0413	0.0077	-0.0041	-0.1282	0.0000	9.47	79.22%	11.96	-0.0740	-0.0661	-0.0734	0.0524	0.0115	-0.0059	-0.1555	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0623	-0.0107	-0.0454	0.2538	0.0090	-0.0008	0.1436	0.0000	8.29	69.29%	11.96	-0.0787	-0.0136	-0.0556	0.3054	0.0136	-0.0010	0.1701	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0167	-0.0336	-0.0575	0.0189	0.0019	-0.0014	-0.0884	0.0000	[redacted]			-0.0217	-0.0428	-0.0700	0.0238	0.0028	-0.0018	-0.1097	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0705	-0.0182	-0.0482	0.2438	0.0089	-0.0002	0.1156	0.0019	7.65	63.97%	11.96	-0.0911	-0.0232	-0.0570	0.2981	0.0151	-0.0003	0.1416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
5.22	-0.0062	-0.0021	-0.0121	0.0017	0.0033	-0.0017	-0.0171	2.7088	4.80	91.93%	5.22	-0.0075	-0.0027	-0.0148	0.0021	0.0049	-0.0021	-0.0201	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0153	-0.0432	-0.0831	0.1725	0.0079	-0.0037	0.0351	0.5483	15.84	97.89%	16.18	-0.0188	-0.0549	-0.1025	0.2120	0.0123	-0.0046	0.0435	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0272	-0.0124	-0.0343	0.0258	0.0067	-0.0016	-0.0430	0.0047	5.53	53.04%	10.43	-0.0358	-0.0158	-0.0427	0.0310	0.0101	-0.0020	-0.0552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0573	-0.0354	-0.0603	0.0644	0.0071	-0.0011	-0.0826	0.1632	9.77	81.67%	11.96	-0.0693	-0.0450	-0.0738	0.0817	0.0108	-0.0014	-0.0970	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0179	-0.0664	-0.0911	0.0688	0.0056	0.0002	-0.1008	0.9452	8.92	84.43%	10.57	-0.0226	-0.0866	-0.1103	0.0841	0.0075	0.0004	-0.1275	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0097	-0.0105	-0.0116	0.0484	0.0044	-0.0016	0.0194	0.0000	2.56	87.55%	2.93	-0.0125	-0.0133	-0.0142	0.0591	0.0067	-0.0017	0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0334	-0.0088	-0.0440	0.1421	0.0104	-0.0004	0.0659	0.0000	9.21	77.03%	11.96	-0.0423	-0.0112	-0.0541	0.1708	0.0158	-0.0005	0.0785	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0156	-0.0046	-0.0266	0.1044	0.0674	0.0035	0.1285	0.0000	8.98	75.12%	11.96	-0.0195	-0.0059	-0.0321	0.1305	0.0853	0.0051	0.1634	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0031	-0.0691	-0.1077	0.0278	0.0042	-0.0004	-0.1483	0.0010	[redacted]			-0.0041	-0.0921	-0.1288	0.0334	0.0057	-0.0004	-0.1863	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0482	-0.0855	-0.1038	0.0557	0.0047	-0.0018	-0.1789	0.7167	9.73	81.40%	11.96	-0.0583	-0.1086	-0.1270	0.0689	0.0071	-0.0024	-0.2203	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0070	-0.0819	-0.1268	0.0394	0.0047	-0.0008	-0.1724	0.0233	8.44	70.60%	11.96	-0.0088	-0.1042	-0.1551	0.0488	0.0066	-0.0010	-0.2137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0805	-0.0302	-0.0497	0.1014	0.0040	0.0000	-0.0550	0.0354	9.87	82.56%	11.96	-0.1041	-0.0384	-0.0606	0.1262	0.0061	0.0000	-0.0708	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.2019	-0.0053	-0.0450	0.1197	0.0095	-0.0001	-0.1231	0.0313	9.61	90.96%	10.57	-0.2607	-0.0067	-0.0548	0.1459	0.0148	-0.0001	-0.1616	0.63	0.70	0.67	0.63	0.61	6.93%	7.78%	7.44%	7.00%	6.78%
11.96	-0.0639	-0.0171	-0.0586	0.2265	0.0085	-0.0003	0.0951	0.0020	10.26	85.85%	11.96	-0.0890	-0.0235	-0.0694	0.2694	0.0135	-0.0003	0.1007	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0074	-0.0316	-0.1768	0.1065	0.0071	-0.0095	-0.1117	0.0034	10.88	90.97%	11.96	-0.0097	-0.0402	-0.2147	0.1326	0.0099	-0.0121	-0.1342	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0311	-0.1508	-0.2435	0.1751	0.0124	-0.0066	-0.2445	0.4582	13.79	85.24%	16.18	-0.0381	-0.1916	-0.2879	0.2180	0.0206	-0.0071	-0.2861	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0551	-0.0781	-0.1080	0.5771	0.0117	-0.0003	0.3473	1.0307	11.95	73.89%	16.18	-0.0687	-0.0992	-0.1354	0.7167	0.0154	-0.0005	0.4283	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0262	-0.0292	-0.0581	0.1191	0.0027	-0.0003	0.0080	0.0000	[redacted]			-0.0340	-0.0390	-0.0723	0.1589	0.0041	-0.0002	0.0175	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0434	-0.0553	-0.0752	0.2370	0.0088	-0.0008	0.0711	0.0158	8.96	74.96%	11.96	-0.0538	-0.0701	-0.0895	0.2891	0.0143	-0.0010	0.0890	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0626	-0.0472	-0.0709	0.0771	0.0078	-0.0019	-0.0977	0.0181	9.04	75.63%	11.96	-0.0756	-0.0600	-0.0864	0.0971	0.0117	-0.0023	-0.1155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0133	-0.0152	-0.0922	0.1632	0.0114	-0.0074	0.0465	0.0000	9.23	77.23%	11.96	-0.0133	-0.0152	-0.1046	0.1936	0.0205	-0.0083	0.0727	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0560	-0.1596	-0.0997	0.0558	0.0018	-0.0053	-0.2630	0.0105	7.94	66.42%	11.96	-0.0655	-0.1945	-0.1216	0.0720	0.0027	-0.0076	-0.3145	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0332	-0.0783	-0.1166	0.0696	0.0071	-0.0038	-0.1552	1.2035	11.27	94.30%	11.96	-0.0413	-0.0986	-0.1381	0.0857	0.0120	-0.0041	-0.1844	1.10	2.30	2.30	2.20	2.20	10.38%	21.70%	21.70%	20.75%	20.75%
11.96	-0.0106	-0.0178	-0.0916	0.0150	0.0076	-0.0053	-0.1027	0.0014	9.99	83.56%	11.96	-0.0136	-0.0226	-0.1124	0.0180	0.0114	-0.0067	-0.1259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0039	-0.0004	-0.0116	0.0649	0.0056	-0.0012	0.0534	0.0000	2.80	95.66%	2.93	-0.0051	-0.0005	-0.0143	0.0777	0.0079	-0.0017	0.0640	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1262	-0.0499	-0.0635	0.0699	0.0085	-0.0009	-0.1621	0.0265	8.97	75.06%	11.96	-0.1530	-0.0635	-0.0771	0.0905	0.0125	-0.0011	-0.1917	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0106	-0.1534	-0.1168	0.0321	0.0035	0.0000	-0.2452	0.0000	[redacted]			-0.0128	-0.1955	-0.1341	0.0399	0.0037	0.0000	-0.2988	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0428	-0.0941	-0.1140	0.0709	0.0046	0.0001	-0.1753	0.0061	[redacted]			-0.0536	-0.1198	-0.1388	0.0882	0.0062	0.0001	-0.2177	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0735	-0.0159	-0.0670	0.1956	0.0106	-0.0004	0.0494	0.0000	10.51	87.94%	11.96	-0.0922	-0.0202	-0.0823	0.2384	0.0162	-0.0005	0.0594	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0402	-0.0928	-0.1381	0.1750	0.0017	0.0004	-0.0940	1.7204	[redacted]			-0.0493	-0.1182	-0.1677	0.2210	0.0022	0.0005	-0.1115	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0005	0.0000	-0.0098	0.0925	0.0081	-0.0015	0.0888	0.0024	1.85	66.10%	2.80	-0.0005	0.0000	-0.0109	0.1189	0.0123	-0.0015	0.1183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.17	-0.0077	-0.0104	-0.0060	0.0028	0.0062	0.0007	-0.0144	0.0000	1.80	43.04%	4.17	-0.0097	-0.0132	-0.0075	0.0037	0.0069	0.0008	-0.0190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0335	-0.0279	-0.0566	0.1328	0.0087	-0.0040	0.0195	0.0000	9.34	78.16%	11.96	-0.0456	-0.0379	-0.0693	0.1574	0.0126	-0.0049	0.0123	2.21	2.21	2.21	2.21	2.21	368.33%	368.33%	368.33%	368.33%	368.33%
2.26	-0.0113	-0.0072	-0.0118	0.0411	0.0046	0.0000	0.0154	0.0000	1.69	74.68%	2.26	-0.0142	-0.0091	-0.0139	0.0512	0.0075	0.0000	0.0215	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0049	-0.0034	-0.0212	0.0485	0.0053	-0.0037	0.0206	0.0005	2.17	96.06%	2.26	-0.0066	-0.0043	-0.0260	0.0581	0.0075	-0.0048	0.0239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0637	-0.1039	-0.1375	0.3021	0.0101	-0.0006	0.0065	0.0051	11.61	97.09%	11.96	-0.0822	-0.1363	-0.1632	0.3702	0.0173	-0.0007	0.0051	2.87	2.43	2.24	2.33	2.48	32.99%	26.62%	23.96%	25.11%	27.16%
[redacted]	-0.0116	-0.0337	-0.0928	0.0754	0.0055	-0.0008	-0.0580	1.5102	[redacted]			-0.0142	-0.0429	-0.1100	0.0922	0.0092	-0.0010	-0.0667	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0362	-0.0552	-0.0759	0.1221	0.0068	-0.0034	-0.0418	0.4149	8.90	74.44%	11.96	-0.0448	-0.0703	-0.0918	0.1539	0.0101	-0.0043	-0.0472	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0327	-0.0388	-0.0736	0.1085	0.0097	-0.0023	-0.0292	0.0246	8.96	74.95%	11.96	-0.0417	-0.0503	-0.0916	0.1309	0.0152	-0.0029	-0.0404	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.87	-0.0159	-0.0015	-0.0117	0.1239	0.0048	-0.0004	0.0992	0.0005	2.31	123.48%	1.87	-0.0208	-0.0019	-0.0142	0.1491	0.0061	-0.0005	0.1178	0.30	0.30	0.40	0.40	0.40	15.79%	15.79%	21.05%	21.05%	21.05%
11.96	-0.0688	-0.0131	-0.0318	0.1643	0.0065	-0.0003	0.0568	0.0133	6.32	52.90%	11.96	-0.0875	-0.0167	-0.0375	0.2005	0.0106	-0.0003	0.0691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0960	-0.0298	-0.0779	0.3026	0.0121	-0.0022	0.1088	0.0116	15.24	94.24%	16.18	-0.1226	-0.0378	-0.0958	0.3694	0.0175	-0.0028	0.1279	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0008	-0.0203	0.0123	0.0081	-0.0004	-0.0015	0.0924	[redacted]			-0.0005	-0.0010	-0.0246	0.0153	0.0104	-0.0005	-0.0009	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0412	-0.0398	-0.0751	0.1659	0.0070	-0.0010	0.0158	0.7962	10.37	86.74%	11.96	-0.0508	-0.0506	-0.0921	0.2045	0.0106	-0.0012	0.0204	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0897	-0.0287	-0.0909	0.0986	0.0123	-0.0045	-0.1029	0.0001	10.52	87.99%	11.96	-0.1167	-0.0380	-0.1112	0.1186	0.0181	-0.0055	-0.1347	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0318	-0.0787	-0.0323	0.0649	0.0156	0.0003	-0.0620	0.0778	[redacted]			-0.0382	-0.1003	-0.0385	0.0804	0.0199	0.0004	-0.0763	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0193	-0.0375	-0.0772	0.0601	0.0039	-0.0008	-0.0708	0.0000	[redacted]			-0.0236	-0.0455	-0.0935	0.0739	0.0059	-0.0009	-0.0837	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0253	-0.0320	-0.0616	0.1076	0.0069	-0.0029	-0.0073	0.0000	9.64	80.64%	11.96	-0.0315	-0.0406	-0.0749	0.1315	0.0103	-0.0031	-0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0224	-0.0672	-0.0716	0.0367	0.0047	-0.0012	-0.1210	0.0053	[redacted]			-0.0267	-0.0817	-0.0862	0.0460	0.0072	-0.0017	-0.1431	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0057	-0.0841	-0.0735	0.0210	0.0035	0.0000	-0.1388	0.0105	[redacted]			-0.0071	-0.1071	-0.0869	0.0261	0.0035	0.0000	-0.1715	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0809	-0.0634	-0.0677	0.0449	0.0065	-0.0002	-0.1608	0.4965	7.14	59.72%	11.96	-0.0979	-0.0805	-0.0803	0.0555	0.0114	-0.0003	-0.1921	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0106	-0.0586	-0.0883	0.0666	0.0039	-0.0026	-0.0896	0.0000	5.43	45.43%	11.96	-0.0135	-0.0770	-0.1061	0.0798	0.0055	-0.0027	-0.1140	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0287	-0.0812	-0.1258	0.1151	0.0071	-0.0022	-0.1157	0.0103	[redacted]			-0.0340	-0.0956	-0.1521	0.1459	0.0104	-0.0030	-0.1284	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0065	-0.0564	-0.0636	0.0558	0.0045	-0.0003	-0.0665	0.0003	12.86	79.48%	16.18	-0.0082	-0.0717	-0.0773	0.0699	0.0059	-0.0003	-0.0817	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0034	-0.0504	-0.0595	0.0078	0.0131	0.0011	-0.0913	0.8950	[redacted]			-0.0041	-0.0642	-0.0721	0.0097	0.0130	0.0013	-0.1164	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.93	-0.0445	-0.0574	-0.0944	0.1664	0.0073	-0.0031	-0.0257	0.2552	10.24	93.60%	10.93	-0.0550	-0.0729	-0.1155	0.2031	0.0108	-0.0039	-0.0334	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0120	-0.0098	-0.0912	0.2581	0.0081	-0.0037	0.1495	0.0021	6.60	55.22%	11.96	-0.0198	-0.0163	-0.1130	0.3045	0.0114	-0.0038	0.1630	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0171	-0.1138	-0.1604	0.1165	0.0038	-0.0007	-0.1717	0.0085	6.69	55.93%	11.96	-0.0212	-0.1447	-0.1896	0.1464	0.0067	-0.0009	-0.2033	1.30	1.50	1.50	1.50	1.40	11.61%	13.39%	13.39%	13.39%	12.50%
11.74	-0.0155	-0.0199	-0.0276	0.0515	0.0093	-0.0014	-0.0036	0.0000	6.28	53.46%	11.74	-0.0182	-0.0237	-0.0335	0.0644	0.0146	-0.0017	0.0019	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0162	-0.0482	-0.1043	0.0756	0.0165	-0.0055	-0.0821	0.0684	15.03	92.91%	16.18	-0.0212	-0.0613	-0.1280	0.0910	0.0234	-0.0069	-0.1030	0.79	0.79	0.76	0.76	0.74	5.53%	5.53%	5.32%	5.32%	5.18%
11.96	-0.1071	-0.0032	-0.0282	0.0998	0.0084	-0.0003	-0.0306	0.0182	8.22	68.72%	11.96	-0.1279	-0.0040	-0.0347	0.1212	0.0130	-0.0004	-0.0328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2137	-0.1184	-0.1641	0.2195	0.0231	-0.0019	-0.2555	3.9929	[redacted]			-0.2835	-0.1680	-0.1989	0.2599	0.0288	-0.0022	-0.3639	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0430	-0.0206	-0.0796	0.3414	0.0102	-0.0002	0.2082	0.0048	14.86	91.85%	16.18	-0.0517	-0.0253	-0.0970	0.4192	0.0160	-0.0006	0.2606	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0025	-0.0096	0.0394	0.0034	-0.0008	0.0279	0.0060	[redacted]			-0.0026	-0.0035	-0.0115	0.0465	0.0058	-0.0009	0.0338	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0150	-0.0878	-0.1148	0.0132	0.0017	-0.0003	-0.2030	1.8194	[redacted]			-0.0187	-0.1116	-0.1396	0.0164	0.0025	-0.0004	-0.2514	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0059	-0.2582	-0.2686	0.1159	0.0067	-0.0004	-0.4105	2.8687	[redacted]			-0.0072	-0.3290	-0.3089	0.1520	0.0092	-0.0004	-0.4843	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0072	-0.0719	-0.1160	0.0277	0.0033	-0.0019	-0.1660	0.0055	8.32	69.59%	11.96	-0.0090	-0.0914	-0.1420	0.0338	0.0049	-0.0023	-0.2060	1.05	1.00	1.00	1.00	0.94	175.00%	166.67%	166.67%	166.67%	156.67%
11.96	-0.1126	-0.0097	-0.0493	0.2348	0.0085	-0.0004	0.0713	0.0000	10.86	90.85%	11.96	-0.1437	-0.0124	-0.0604	0.2884	0.0127	-0.0005	0.0841	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0017	-0.0063	-0.0042	0.0031	0.0050	0.0002	-0.0039	0.0008	[redacted]			-0.0019	-0.0072	-0.0052	0.0042	0.0059	0.0002	-0.0040	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0012	-0.0043	-0.0422	0.0370	0.0215	0.0000	0.0108	0.0029	[redacted]			-0.0015	-0.0055	-0.0503	0.0483	0.0254	0.0000	0.0164	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0062	-0.0990	-0.1461	0.0990	0.0022	-0.0024	-0.1525	0.0041	[redacted]			-0.0067	-0.1097	-0.1718	0.1365	0.0031	-0.0029	-0.1515	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0175	-0.0013	-0.0118	0.0631	0.0054	-0.0009	0.0370	0.0062	2.57	87.89%	2.93	-0.0192	-0.0014	-0.0145	0.0792	0.0084	-0.0016	0.0509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0339	-0.0018	-0.0099	0.0707	0.0046	0.0000	0.0297	0.0044	2.52	86.09%	2.93	-0.0408	-0.0021	-0.0118	0.0885	0.0078	0.0000	0.0416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0016	-0.0267	-0.0512	0.0236	0.0027	-0.0006	-0.0538	0.0000	3.43	28.70%	11.96	-0.0017	-0.0298	-0.0626	0.0295	0.0039	-0.0008	-0.0615	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0042	-0.0016	-0.0138	0.0389	0.0049	-0.0029	0.0213	0.0000	1.93	80.69%	2.39	-0.0060	-0.0022	-0.0171	0.0467	0.0070	-0.0039	0.0245	1.00	1.00	1.00	1.00	1.00	444.44%	444.44%	444.44%	444.44%	444.44%
2.93	0.0000	0.0000	-0.0077	0.0217	0.0095	-0.0010	0.0225	0.0000	1.49	50.76%	2.93	0.0000	0.0000	-0.0098	0.0262	0.0119	-0.0012	0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0133	-0.0008	-0.0125	0.1620	0.0060	0.0000	0.1414	0.0005	2.02	84.49%	2.39	-0.0167	-0.0010	-0.0156	0.1977	0.0081	0.0000	0.1725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0490	-0.0468	-0.1241	0.1736	0.0166	-0.0029	-0.0326	4.9366	10.47	87.58%	11.96	-0.0608	-0.0594	-0.1520	0.2155	0.0253	-0.0036	-0.0350	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0421	-0.0949	-0.1070	0.0516	0.0073	-0.0006	-0.1857	0.6013	8.65	72.34%	11.96	-0.0516	-0.1212	-0.1284	0.0638	0.0111	-0.0007	-0.2270	1.02	1.35	1.35	1.33	1.26	9.71%	13.11%	13.07%	12.85%	12.15%
[redacted]	-0.0252	-0.0368	-0.0787	0.1383	0.0041	-0.0001	0.0016	0.0013	[redacted]			-0.0325	-0.0477	-0.0960	0.1684	0.0058	-0.0001	-0.0021	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.70	-0.0428	-0.0640	-0.0523	0.0303	0.0067	0.0067	-0.1154	0.0128	8.06	92.74%	8.70	-0.0492	-0.0757	-0.0619	0.0367	0.0085	0.0075	-0.1341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1640	-0.0170	-0.0713	0.1914	0.0150	-0.0010	-0.0469	0.7619	11.56	96.64%	11.96	-0.2013	-0.0216	-0.0877	0.2308	0.0229	-0.0013	-0.0582	2.39	2.63	2.78	2.98	3.00	19.98%	21.99%	23.24%	24.92%	25.08%
11.96	-0.0159	-0.0599	-0.0599	0.0306	0.0095	-0.0003	-0.0959	1.4619	10.85	90.77%	11.96	-0.0171	-0.0649	-0.0682	0.0377	0.0136	-0.0005	-0.0994	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0568	-0.0243	-0.0752	0.0649	0.0118	-0.0008	-0.0804	0.6142	10.99	91.92%	11.96	-0.0676	-0.0301	-0.0919	0.0804	0.0178	-0.0011	-0.0925	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0196	-0.1016	-0.1428	0.0902	0.0132	-0.0025	-0.1631	0.0000	10.37	72.53%	14.29	-0.0230	-0.1186	-0.1748	0.1146	0.0192	-0.0034	-0.1860	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0561	-0.0432	-0.0882	0.0747	0.0102	-0.0042	-0.1068	0.1935	10.16	97.36%	10.43	-0.0722	-0.0557	-0.1074	0.0928	0.0150	-0.0050	-0.1325	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0035	0.0162	0.0039	-0.0003	0.0163	0.1283	1.25	52.54%	2.39	-0.0002	0.0000	-0.0046	0.0200	0.0052	-0.0004	0.0200	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.02	-0.0032	-0.0009	-0.0075	0.0433	0.0057	-0.0002	0.0372	0.0001	1.05	52.08%	2.02	-0.0032	-0.0009	-0.0084	0.0517	0.0124	-0.0004	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0141	-0.0019	-0.0104	0.0575	0.0061	-0.0004	0.0368	0.0000	2.08	70.93%	2.93	-0.0175	-0.0024	-0.0128	0.0692	0.0091	-0.0005	0.0451	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0153	-0.0722	-0.0995	0.0485	0.0042	-0.0013	-0.1356	0.0087	6.78	56.69%	11.96	-0.0201	-0.0918	-0.1205	0.0603	0.0059	-0.0014	-0.1676	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0009	0.0004	0.0032	0.0000	0.0027	0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0005	0.0037	0.0000	0.0031	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0320	-0.0065	-0.0380	0.0597	0.0116	-0.0008	-0.0060	0.0001	11.36	94.98%	11.96	-0.0386	-0.0082	-0.0467	0.0721	0.0177	-0.0010	-0.0047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0868	-0.0525	-0.1077	0.2655	0.0058	-0.0020	0.0223	0.0036	13.45	83.17%	16.18	-0.1139	-0.0668	-0.1309	0.3350	0.0088	-0.0025	0.0297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1375	-0.0349	-0.0715	0.1342	0.0089	-0.0024	-0.1032	0.0005	11.41	95.44%	11.96	-0.1776	-0.0444	-0.0870	0.1721	0.0129	-0.0029	-0.1269	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0101	-0.0050	-0.0118	0.0175	0.0041	-0.0010	-0.0063	0.0022	1.97	70.49%	2.80	-0.0131	-0.0063	-0.0144	0.0210	0.0060	-0.0013	-0.0081	0.56	0.49	0.49	0.49	0.49	248.89%	217.78%	217.78%	217.78%	217.78%
[redacted]	-0.0258	-0.0349	-0.0935	0.1928	0.0098	-0.0008	0.0476	0.0073	[redacted]			-0.0320	-0.0444	-0.1119	0.2364	0.0152	-0.0010	0.0623	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0117	-0.1030	-0.0785	0.0157	0.0006	-0.0031	-0.1800	1.9696	8.58	71.72%	11.96	-0.0140	-0.1297	-0.0965	0.0205	0.0008	-0.0040	-0.2229	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0648	-0.0112	-0.0603	0.0549	0.0152	-0.0028	-0.0690	0.0145	11.25	94.09%	11.96	-0.0839	-0.0142	-0.0730	0.0662	0.0213	-0.0035	-0.0871	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0126	-0.0389	-0.0676	0.0329	0.0054	-0.0009	-0.0817	0.0293	[redacted]			-0.0163	-0.0498	-0.0823	0.0403	0.0073	-0.0009	-0.1017	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0132	-0.0645	-0.0907	0.1201	0.0051	0.0056	-0.0376	0.0134	[redacted]			-0.0167	-0.0821	-0.1105	0.1554	0.0068	0.0074	-0.0397	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.40	-0.0017	-0.0008	-0.0102	0.0795	0.0052	-0.0021	0.0699	0.0024	2.78	115.79%	2.40	-0.0021	-0.0010	-0.0125	0.0952	0.0073	-0.0026	0.0843	0.31	0.33	0.34	0.36	0.38	12.92%	13.75%	14.17%	15.00%	15.83%
[redacted]	-0.0183	-0.0980	-0.0921	0.0373	0.0021	-0.0002	-0.1692	0.0117	[redacted]			-0.0219	-0.1207	-0.1050	0.0484	0.0044	0.0009	-0.1939	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0269	-0.1317	-0.1850	0.0345	0.0054	-0.0002	-0.3039	15.0462	[redacted]			-0.0334	-0.1679	-0.2252	0.0426	0.0079	-0.0003	-0.3763	0.00	7.87	13.52	17.17	19.83	[redacted]				
[redacted]	0.0000	0.0000	-0.0838	0.1801	0.0140	-0.0057	0.1046	0.0000	[redacted]			-0.0083	-0.0047	-0.1121	0.2217	0.0203	-0.0088	0.1081	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0330	-0.0586	-0.1067	0.0998	0.0081	-0.0020	-0.0924	0.0156	10.53	88.06%	11.96	-0.0417	-0.0764	-0.1291	0.1220	0.0116	-0.0021	-0.1157	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.91	-0.0260	-0.1091	-0.1362	0.0922	0.0070	-0.0006	-0.1727	2.1878	14.50	97.22%	14.91	-0.0339	-0.1387	-0.1644	0.1145	0.0105	-0.0007	-0.2127	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0033	-0.0021	0.0042	0.0031	0.0000	0.0011	0.0004	[redacted]			-0.0010	-0.0042	-0.0026	0.0051	0.0041	0.0000	0.0014	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0403	-0.0176	-0.0713	0.0465	0.0111	-0.0042	-0.0758	0.0053	8.87	84.97%	10.43	-0.0532	-0.0231	-0.0872	0.0568	0.0160	-0.0049	-0.0956	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0110	-0.0019	-0.0122	0.0338	0.0049	-0.0003	0.0133	0.0006	1.93	80.77%	2.39	-0.0146	-0.0024	-0.0150	0.0407	0.0077	-0.0004	0.0160	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0368	-0.0738	-0.1076	0.0620	0.0061	-0.0018	-0.1519	0.1091	[redacted]			-0.0461	-0.0931	-0.1306	0.0760	0.0090	-0.0022	-0.1870	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0350	-0.0862	-0.0974	0.0772	0.0040	-0.0013	-0.1387	1.0126	8.10	67.77%	11.96	-0.0434	-0.1096	-0.1208	0.0955	0.0064	-0.0016	-0.1735	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1388	-0.0659	-0.1069	0.0827	0.0113	-0.0030	-0.2206	0.9131	10.63	88.92%	11.96	-0.1660	-0.0788	-0.1312	0.1027	0.0177	-0.0038	-0.2594	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0003	0.0170	0.0009	0.0000	0.0176	0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0212	0.0009	0.0000	0.0218	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.10	-0.0067	0.0000	-0.0045	0.0265	0.0064	-0.0004	0.0213	0.0021	1.02	92.49%	1.10	-0.0098	0.0000	-0.0055	0.0316	0.0093	-0.0004	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0483	-0.0266	-0.0818	0.0905	0.0088	-0.0012	-0.0586	0.0258	9.99	83.55%	11.96	-0.0628	-0.0338	-0.1005	0.1102	0.0134	-0.0015	-0.0750	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1557	-0.0208	-0.0737	0.0840	0.0211	-0.0005	-0.1456	85.7141	[redacted]			-0.1957	-0.0271	-0.0898	0.1074	0.0300	-0.0005	-0.1757	0.92	0.92	0.92	0.98	0.98	[redacted]				
3.48	-0.0114	-0.0015	-0.0118	0.0022	0.0137	0.0004	-0.0084	0.2124	2.17	62.48%	3.48	-0.0139	-0.0019	-0.0144	0.0029	0.0171	0.0006	-0.0096	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.8110	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
9.67	-0.0050	-0.0863	-0.1013	0.0119	0.0010	-0.0003	-0.1800	0.0044	9.05	93.50%	9.67	-0.0061	-0.1099	-0.1196	0.0151	0.0014	-0.0003	-0.2194	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1762	-0.0048	-0.0445	0.0834	0.0136	-0.0003	-0.1288	0.0001	9.84	82.28%	11.96	-0.2414	-0.0066	-0.0548	0.0987	0.0200	-0.0003	-0.1844	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0331	-0.1408	-0.1456	0.0549	0.0027	-0.0003	-0.2622	3.3109	[redacted]			-0.0394	-0.1740	-0.1735	0.0709	0.0039	-0.0003	-0.3124	0.43	1.22	1.41	1.89	3.30	[redacted]				
11.96	-0.0390	-0.0028	-0.0455	0.0739	0.0064	-0.0008	-0.0078	0.0269	11.92	99.66%	11.96	-0.0488	-0.0036	-0.0559	0.0889	0.0097	-0.0010	-0.0107	0.50	0.50	0.50	0.50	0.50	4.39%	4.39%	4.39%	4.39%	4.39%
11.96	-0.0057	-0.0097	-0.0550	0.1377	0.0198	-0.0047	0.0824	0.0045	6.40	53.51%	11.96	-0.0057	-0.0097	-0.0618	0.1853	0.0255	-0.0048	0.1288	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0362	-0.0034	-0.0343	0.1422	0.0071	0.0000	0.0754	0.0000	8.79	73.51%	11.96	-0.0465	-0.0043	-0.0420	0.1717	0.0106	0.0000	0.0895	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.20	-0.0088	-0.0046	-0.0190	0.1560	0.0050	-0.0005	0.1281	0.0003	1.92	87.20%	2.20	-0.0113	-0.0058	-0.0230	0.1878	0.0063	-0.0006	0.1534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0741	-0.0045	-0.0379	0.1301	0.0116	-0.0008	0.0244	0.4085	8.59	71.87%	11.96	-0.0898	-0.0057	-0.0463	0.1570	0.0170	-0.0010	0.0312	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0801	-0.0065	-0.0376	0.0794	0.0111	-0.0004	-0.0341	0.0001	9.61	80.35%	11.96	-0.0974	-0.0083	-0.0463	0.0955	0.0156	-0.0005	-0.0414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0025	-0.0004	-0.0212	0.0067	0.0043	-0.0070	-0.0201	0.0000	[redacted]			-0.0031	-0.0005	-0.0265	0.0095	0.0060	-0.0091	-0.0237	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0038	-0.0492	-0.0567	0.0937	0.0027	0.0000	-0.0133	0.0000	5.38	33.27%	16.18	-0.0046	-0.0626	-0.0674	0.1227	0.0042	0.0000	-0.0077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0169	-0.0594	-0.0615	0.0704	0.0017	-0.0012	-0.0669	33.5087	7.66	64.04%	11.96	-0.0204	-0.0759	-0.0742	0.0926	0.0023	-0.0015	-0.0771	0.00	15.72	35.17	21.86	23.36	0.00%	135.17%	371.78%	231.08%	246.93%
2.93	-0.0072	-0.0033	-0.0117	0.0334	0.0052	-0.0004	0.0160	0.0000	2.63	89.75%	2.93	-0.0096	-0.0042	-0.0144	0.0402	0.0074	-0.0005	0.0189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0565	-0.0694	-0.1036	0.1669	0.0064	-0.0043	-0.0605	0.0000	10.75	76.15%	14.12	-0.0750	-0.0881	-0.1272	0.2048	0.0094	-0.0053	-0.0814	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.2273	0.0073	0.2036	0.0000	-0.0164	0.0148	[redacted]			0.0000	0.0000	-0.2807	0.0088	0.2021	0.0000	-0.0698	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1703	-0.0286	-0.0692	0.0409	0.0107	-0.0003	-0.2168	0.0128	9.48	79.30%	11.96	-0.2144	-0.0364	-0.0843	0.0540	0.0161	-0.0004	-0.2654	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0391	-0.0416	-0.1174	0.0700	0.0054	-0.0065	-0.1292	0.2011	[redacted]			-0.0485	-0.0530	-0.1417	0.0847	0.0075	-0.0080	-0.1590	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1200	-0.0394	-0.0752	0.0469	0.0071	-0.0020	-0.1826	0.0149	9.22	77.07%	11.96	-0.1578	-0.0500	-0.0913	0.0584	0.0105	-0.0024	-0.2326	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0147	-0.0195	-0.0458	0.1092	0.0052	0.0000	0.0344	0.0082	5.28	44.16%	11.96	-0.0183	-0.0248	-0.0545	0.1336	0.0089	0.0000	0.0449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0121	0.2440	0.0114	-0.0023	0.2410	0.0001	2.27	95.07%	2.39	0.0000	0.0000	-0.0148	0.2979	0.0149	-0.0028	0.2952	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0964	-0.0662	-0.0869	0.0693	0.0046	-0.0003	-0.1759	0.9726	[redacted]			-0.1170	-0.0843	-0.1057	0.0851	0.0066	-0.0004	-0.2157	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0629	-0.0149	-0.0434	0.1091	0.0061	-0.0004	-0.0064	0.0000	8.45	70.66%	11.96	-0.0832	-0.0189	-0.0531	0.1332	0.0092	-0.0005	-0.0133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0467	-0.0941	-0.1280	0.0842	0.0058	-0.0015	-0.1803	1.4674	[redacted]			-0.0597	-0.1226	-0.1552	0.1090	0.0089	-0.0018	-0.2214	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0376	-0.0283	-0.0375	0.0120	0.0031	-0.0008	-0.0891	2.5394	7.79	65.18%	11.96	-0.0476	-0.0367	-0.0455	0.0145	0.0047	-0.0010	-0.1116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0304	-0.0742	-0.0819	0.1084	0.0048	-0.0051	-0.0784	0.0141	6.60	55.20%	11.96	-0.0400	-0.1005	-0.0992	0.1298	0.0070	-0.0053	-0.1082	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0073	-0.0089	-0.0191	0.0740	0.0043	-0.0004	0.0426	0.2195	[redacted]			-0.0073	-0.0089	-0.0215	0.1095	0.0067	-0.0005	0.0780	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0053	-0.0098	-0.0237	0.0340	0.0047	-0.0018	-0.0019	0.0000	2.22	93.03%	2.39	-0.0068	-0.0124	-0.0291	0.0409	0.0066	-0.0023	-0.0031	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0046	-0.0027	-0.0078	0.0396	0.0041	-0.0001	0.0285	0.0033	2.23	82.40%	2.71	-0.0057	-0.0034	-0.0095	0.0483	0.0061	-0.0001	0.0357	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0050	-0.0089	0.0004	0.0064	0.0000	-0.0083	0.0000	[redacted]			-0.0015	-0.0064	-0.0106	0.0005	0.0063	0.0000	-0.0117	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0553	-0.0165	-0.0552	0.0828	0.0080	-0.0047	-0.0409	0.0224	8.95	74.84%	11.96	-0.0617	-0.0184	-0.0672	0.1017	0.0122	-0.0073	-0.0407	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0036	-0.0098	-0.0145	0.0131	0.0027	-0.0020	-0.0141	0.0000	[redacted]			-0.0045	-0.0127	-0.0178	0.0158	0.0041	-0.0025	-0.0176	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0696	-0.1118	-0.1349	0.0435	0.0091	0.0003	-0.2634	0.2698	8.25	69.02%	11.96	-0.0838	-0.1388	-0.1648	0.0560	0.0126	0.0002	-0.3186	1.52	1.41	1.41	1.41	1.52	17.27%	15.93%	16.02%	16.06%	17.18%
16.18	-0.0411	-0.0747	-0.1142	0.1127	0.0138	-0.0031	-0.1066	0.0076	14.79	91.42%	16.18	-0.0557	-0.0955	-0.1399	0.1411	0.0199	-0.0039	-0.1340	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0202	-0.0178	-0.0457	0.1331	0.0049	-0.0010	0.0533	0.0026	8.93	74.70%	11.96	-0.0249	-0.0226	-0.0556	0.1625	0.0073	-0.0011	0.0656	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0003	0.0000	-0.0572	0.4691	0.0305	-0.0097	0.4324	0.0000	13.16	81.36%	16.18	-0.0004	0.0000	-0.0711	0.5721	0.0388	-0.0113	0.5281	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0018	-0.0009	-0.0466	0.0860	0.0051	-0.0060	0.0358	0.0018	6.26	90.02%	6.96	-0.0018	-0.0009	-0.0556	0.1068	0.0072	-0.0095	0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0566	-0.0127	-0.0314	0.2250	0.0071	-0.0001	0.1313	0.0000	6.45	53.94%	11.96	-0.0722	-0.0161	-0.0383	0.2754	0.0107	-0.0001	0.1594	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.03	-0.0088	-0.0020	-0.0028	0.0044	0.0074	0.0004	-0.0014	0.0000	1.16	38.27%	3.03	-0.0116	-0.0026	-0.0036	0.0055	0.0097	0.0006	-0.0020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.57	-0.0062	-0.0024	-0.0126	0.2549	0.0086	-0.0013	0.2410	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0172	-0.0020	-0.0115	0.0413	0.0029	0.0000	0.0135	0.0020	2.30	78.40%	2.93	-0.0226	-0.0025	-0.0140	0.0506	0.0043	0.0000	0.0158	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0219	-0.0162	-0.0722	0.2589	0.0100	-0.0008	0.1578	0.0095	12.92	79.84%	16.18	-0.0269	-0.0206	-0.0880	0.3118	0.0148	-0.0010	0.1901	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0110	-0.0143	-0.0446	0.1346	0.0052	-0.0021	0.0678	1.6831	10.45	64.60%	16.18	-0.0131	-0.0175	-0.0545	0.1648	0.0081	-0.0027	0.0851	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0111	-0.0361	-0.0510	0.3279	0.0242	-0.0020	0.2519	0.0018	[redacted]			-0.0153	-0.0494	-0.0647	0.3991	0.0293	-0.0021	0.2969	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0073	-0.0021	-0.0128	0.0234	0.0050	-0.0009	0.0053	0.0175	2.56	91.29%	2.80	-0.0097	-0.0027	-0.0158	0.0282	0.0071	-0.0011	0.0060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0360	-0.0204	-0.1067	0.1249	0.0087	-0.0004	-0.0299	0.0000	14.17	87.57%	16.18	-0.0490	-0.0269	-0.1304	0.1498	0.0120	-0.0004	-0.0449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0290	-0.0482	-0.1312	0.0246	0.0050	-0.0005	-0.1793	0.0009	[redacted]			-0.0365	-0.0614	-0.1602	0.0296	0.0056	-0.0006	-0.2235	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0070	-0.0012	-0.0061	0.0500	0.0064	-0.0003	0.0418	0.0011	1.28	43.59%	2.93	-0.0091	-0.0016	-0.0076	0.0614	0.0084	-0.0004	0.0511	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0298	-0.0037	-0.0577	0.2858	0.0155	-0.0093	0.2008	0.0306	9.51	79.57%	11.96	-0.0456	-0.0056	-0.0734	0.3481	0.0222	-0.0130	0.2327	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025										
Facility	GNA ID	Base Demand (MW) [2]	Cumulative Demand (MW) [2]	Facility Loading (%) [2]	Facility Loading Limit (MW) [2]	Residential PV (MW) [2]	Non-Residential PV (MW) [2]	EE (MW) [2]	EV (MW) [2]	BE (MW) [2]	ES (MW) [2]	Total DER Growth (MW) [2]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
15.06	-0.0099	-0.0177	-0.0457	0.1964	0.0115	-0.0029	0.1317	0.0000	13.92	92.42%	15.06	-0.0123	-0.0227	-0.0555	0.2376	0.0181	-0.0032	0.1620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0773	-0.0382	-0.0939	0.2435	0.0158	-0.0062	0.0437	0.0000	8.31	69.52%	11.96	-0.0861	-0.0421	-0.1110	0.3031	0.0257	-0.0097	0.0799	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1049	-0.0023	-0.0313	0.1376	0.0117	-0.0077	0.0031	0.0000	9.47	79.20%	11.96	-0.1612	-0.0036	-0.0386	0.1626	0.0171	-0.0078	-0.0315	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0030	-0.0269	-0.0534	0.0466	0.0037	-0.0012	-0.0342	0.0061	5.89	49.30%	11.96	-0.0041	-0.0367	-0.0649	0.0555	0.0052	-0.0013	-0.0463	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0044	-0.0168	-0.1012	0.1269	0.0103	-0.0084	0.0064	0.0029	11.21	94.13%	11.91	-0.0054	-0.0213	-0.1241	0.1529	0.0145	-0.0106	0.0060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0057	-0.0999	-0.1161	0.0505	0.0026	-0.0026	-0.1712	0.0039	6.75	56.47%	11.96	-0.0070	-0.1273	-0.1409	0.0645	0.0036	-0.0030	-0.2101	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0014	-0.0307	0.0033	0.0054	-0.0004	-0.0242	0.0062	[redacted]			-0.0005	-0.0018	-0.0374	0.0043	0.0065	-0.0005	-0.0294	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0378	-0.1322	-0.2161	0.1187	0.0055	-0.0005	-0.2624	0.9736	8.56	71.60%	11.96	-0.0474	-0.1684	-0.2673	0.1665	0.0091	-0.0006	-0.3081	0.93	1.47	1.63	1.73	1.71	13.68%	21.62%	23.97%	25.44%	25.15%
11.37	-0.0425	-0.1373	-0.1575	0.1760	0.0077	-0.0011	-0.1547	0.0002	9.29	81.75%	11.37	-0.0546	-0.1802	-0.1866	0.2147	0.0131	-0.0014	-0.1950	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0056	-0.0006	-0.0041	0.0332	0.0048	-0.0001	0.0276	0.0001	0.00	0.00%	2.39	-0.0069	-0.0008	-0.0050	0.0399	0.0072	-0.0001	0.0343	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0055	-0.0012	-0.0092	0.0532	0.0041	0.0000	0.0414	0.0066	2.16	73.82%	2.93	-0.0068	-0.0015	-0.0113	0.0649	0.0059	0.0000	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0384	-0.0260	-0.0557	0.0498	0.0064	-0.0010	-0.0649	0.0015	9.21	77.02%	11.96	-0.0485	-0.0331	-0.0685	0.0616	0.0100	-0.0012	-0.0797	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0019	-0.0316	-0.1988	0.1585	0.0070	-0.0089	-0.0757	1.3704	14.81	91.53%	16.18	-0.0023	-0.0402	-0.2434	0.1898	0.0099	-0.0112	-0.0974	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.0140	-0.0646	0.1144	0.0153	-0.0058	0.0426	0.4182	[redacted]			-0.0034	-0.0180	-0.0793	0.1390	0.0215	-0.0075	0.0523	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0059	-0.0024	-0.0101	0.0161	0.0041	-0.0004	0.0014	0.0012	1.92	80.55%	2.39	-0.0073	-0.0031	-0.0125	0.0194	0.0063	-0.0005	0.0023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0093	-0.0198	-0.0783	0.0397	0.0038	-0.0049	-0.0688	0.0008	6.51	54.47%	11.96	-0.0106	-0.0234	-0.0956	0.0484	0.0056	-0.0062	-0.0818	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0242	-0.0423	0.0220	0.0122	-0.0004	-0.0347	0.0144	[redacted]			-0.0021	-0.0253	-0.0484	0.0265	0.0167	-0.0005	-0.0331	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.14	-0.0037	-0.0063	-0.0203	0.0207	0.0050	-0.0013	-0.0059	0.0000	1.89	88.47%	2.14	-0.0037	-0.0063	-0.0237	0.0251	0.0075	-0.0016	-0.0027	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.83	-0.0248	-0.0194	-0.0278	0.0217	0.0131	0.0029	-0.0343	0.0137	5.88	75.08%	7.83	-0.0308	-0.0249	-0.0333	0.0276	0.0178	0.0043	-0.0393	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0068	-0.0021	-0.0091	0.0190	0.0059	-0.0008	0.0061	0.0012	1.62	67.99%	2.39	-0.0081	-0.0024	-0.0112	0.0231	0.0085	-0.0013	0.0086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1000	-0.0031	-0.0317	0.0577	0.0101	-0.0004	-0.0674	0.5809	9.21	77.00%	11.96	-0.1189	-0.0038	-0.0391	0.0706	0.0157	-0.0005	-0.0760	4.59	4.61	4.61	0.02	0.52	62.28%	62.72%	62.72%	0.17%	4.33%
15.09	-0.0295	-0.0308	-0.0819	0.1781	0.0139	-0.0068	0.0430	0.0000	12.97	85.95%	15.09	-0.0330	-0.0343	-0.1002	0.2202	0.0203	-0.0096	0.0634	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0115	-0.0785	-0.1927	0.1327	0.0068	-0.0132	-0.1564	0.8500	13.43	83.02%	16.18	-0.0130	-0.0886	-0.2357	0.1628	0.0097	-0.0176	-0.1824	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0404	-0.0684	-0.0865	0.1641	0.0139	-0.0017	-0.0190	0.0024	[redacted]			-0.0499	-0.0869	-0.1050	0.2002	0.0212	-0.0022	-0.0226	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.1494	-0.0147	-0.0803	0.4935	0.0132	-0.0008	0.2615	0.0103	15.78	97.57%	16.18	-0.1905	-0.0187	-0.0986	0.6030	0.0191	-0.0010	0.3133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0047	0.0158	0.0078	-0.0004	0.0185	0.0031	2.15	89.89%	2.39	0.0000	0.0000	-0.0055	0.0195	0.0112	-0.0006	0.0246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0066	-0.0027	-0.0070	0.0450	0.0029	-0.0004	0.0312	0.0016	1.32	55.43%	2.39	-0.0085	-0.0034	-0.0085	0.0549	0.0045	-0.0004	0.0386	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0508	-0.0122	-0.0365	0.1605	0.0079	-0.0004	0.0685	0.0056	8.10	67.74%	11.96	-0.0604	-0.0145	-0.0449	0.1984	0.0124	-0.0005	0.0905	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0113	-0.0764	-0.0759	0.0286	0.0011	-0.0006	-0.1345	1.6931	[redacted]			-0.0130	-0.0901	-0.0872	0.0369	0.0012	-0.0008	-0.1530	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0713	-0.0052	-0.0333	0.0372	0.0071	0.0000	-0.0655	0.0114	7.45	62.28%	11.96	-0.0928	-0.0066	-0.0398	0.0453	0.0117	0.0000	-0.0822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0341	-0.0328	-0.0883	0.2621	0.0071	-0.0039	0.1101	0.2224	10.95	67.67%	16.18	-0.0432	-0.0417	-0.1079	0.3209	0.0109	-0.0049	0.1341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0233	-0.0031	-0.0276	0.0420	0.0088	-0.0021	-0.0053	0.0000	6.22	52.03%	11.96	-0.0281	-0.0039	-0.0341	0.0508	0.0131	-0.0026	-0.0048	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0540	-0.0174	-0.0716	0.3090	0.0065	-0.0008	0.1717	0.0192	13.65	84.39%	16.18	-0.0689	-0.0221	-0.0875	0.3790	0.0099	-0.0010	0.2094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0643	-0.0298	-0.0788	0.3045	0.0109	-0.0012	0.1413	0.0000	11.01	92.05%	11.96	-0.0838	-0.0378	-0.0965	0.3671	0.0157	-0.0015	0.1632	1.35	1.39	1.43	1.41	1.43	14.18%	14.60%	15.02%	14.73%	14.94%
11.96	-0.0772	-0.0557	-0.0870	0.2459	0.0076	-0.0046	0.0290	0.0000	9.10	76.14%	11.96	-0.0963	-0.0708	-0.1058	0.3018	0.0113	-0.0057	0.0345	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0969	-0.0146	-0.0400	0.0490	0.0100	0.0000	-0.0925	0.0002	9.87	82.52%	11.96	-0.1176	-0.0185	-0.0477	0.0617	0.0167	0.0000	-0.1054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0213	-0.1267	-0.1341	0.0757	0.0026	-0.0005	-0.2043	5.2750	11.03	92.23%	11.96	-0.0257	-0.1613	-0.1628	0.1004	0.0039	-0.0006	-0.2461	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0132	-0.0679	-0.1561	0.0329	0.0113	0.0000	-0.1930	0.0000	[redacted]			-0.0166	-0.0865	-0.1899	0.0401	0.0162	0.0000	-0.2367	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.44	0.0000	0.0000	-0.0055	0.0378	0.0093	-0.0025	0.0391	0.0005	1.12	46.06%	2.44	0.0000	0.0000	-0.0064	0.0448	0.0148	-0.0033	0.0499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0460	-0.0051	-0.0428	0.2794	0.0085	-0.0008	0.1932	0.0050	13.63	84.25%	16.18	-0.0570	-0.0065	-0.0527	0.3364	0.0135	-0.0009	0.2328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.88	-0.0440	-0.1066	-0.1933	0.4291	0.0179	-0.0054	0.0977	0.0000	11.45	76.90%	14.88	-0.0553	-0.1309	-0.2334	0.5299	0.0229	-0.0075	0.1257	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0008	-0.0019	0.0000	0.0096	0.0000	0.0069	0.0511	[redacted]			0.0000	-0.0010	-0.0023	0.0000	0.0120	0.0000	0.0087	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0148	-0.0117	-0.0370	0.0884	0.0155	-0.0009	0.0395	0.0000	[redacted]			-0.0192	-0.0159	-0.0453	0.1059	0.0221	-0.0011	0.0465	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0138	0.0000	-0.0003	0.0135	0.0011	[redacted]			0.0000	0.0000	0.0000	0.0169	0.0000	-0.0003	0.0166	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0178	-0.0263	-0.0327	0.0297	0.0120	0.0005	-0.0346	0.0138	[redacted]			-0.0196	-0.0295	-0.0384	0.0418	0.0149	0.0003	-0.0305	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0514	-0.0247	-0.0870	0.0907	0.0086	-0.0004	-0.0642	0.0081	5.73	47.94%	11.96	-0.0705	-0.0340	-0.1063	0.1088	0.0127	-0.0005	-0.0898	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0053	0.0123	0.0054	-0.0010	0.0114	0.0000	[redacted]			0.0000	0.0000	-0.0064	0.0150	0.0064	-0.0013	0.0137	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0009	-0.0012	-0.0037	0.0004	0.0010	-0.0004	-0.0048	0.0000	[redacted]			-0.0011	-0.0015	-0.0045	0.0005	0.0015	-0.0005	-0.0056	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0486	-0.0388	-0.0647	0.0359	0.0070	-0.0020	-0.1112	0.0184	6.59	55.09%	11.96	-0.0588	-0.0493	-0.0792	0.0438	0.0107	-0.0025	-0.1353	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0213	-0.0375	-0.0910	0.0510	0.0054	-0.0022	-0.0956	0.0000	[redacted]			-0.0273	-0.0461	-0.1112	0.0626	0.0082	-0.0028	-0.1166	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1008	-0.0203	-0.1276	0.1795	0.0106	-0.0102	-0.0688	0.0398	[redacted]			-0.1180	-0.0239	-0.1561	0.2460	0.0158	-0.0142	-0.0504	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0016	0.0000	-0.0055	0.1263	0.0036	-0.0060	0.1168	0.0000	2.18	18.21%	11.96	-0.0020	0.0000	-0.0068	0.1520	0.0050	-0.0072	0.1410	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0209	-0.0774	-0.0724	0.0513	0.0031	-0.0030	-0.1193	2.1356	9.57	80.02%	11.96	-0.0257	-0.0980	-0.0872	0.0633	0.0042	-0.0032	-0.1466	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0184	-0.0114	-0.0704	0.0927	0.0093	-0.0087	-0.0069	0.0000	9.61	92.05%	10.43	-0.0233	-0.0145	-0.0863	0.1121	0.0138	-0.0111	-0.0093	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0236	-0.0256	-0.0764	0.1119	0.0072	-0.0005	-0.0070	0.0174	9.46	79.14%	11.96	-0.0297	-0.0325	-0.0941	0.1351	0.0112	-0.0007	-0.0107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0538	-0.0088	-0.0277	0.3092	0.0225	0.0291	0.2705	0.0019	[redacted]			-0.0538	-0.0088	-0.0325	0.4134	0.0273	0.0279	0.3735	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0132	0.0480	0.0098	-0.0016	0.0430	0.0494	[redacted]			0.0000	0.0000	-0.0161	0.0641	0.0118	-0.0020	0.0578	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0300	0.0000	0.0000	0.0300	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0371	0.0000	0.0000	0.0371	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0786	-0.0421	-0.0664	0.0818	0.0110	-0.0014	-0.0957	0.3663	8.03	67.17%	11.96	-0.0959	-0.0534	-0.0814	0.1006	0.0167	-0.0019	-0.1153	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0436	-0.1278	-0.1287	0.1191	0.0113	0.0000	-0.1697	0.0048	8.16	68.26%	11.96	-0.0561	-0.1624	-0.1564	0.1482	0.0148	0.0000	-0.2119	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0021	-0.0019	-0.0067	0.0180	0.0015	-0.0004	0.0084	0.0002	2.26	94.46%	2.39	-0.0021	-0.0019	-0.0067	0.0180	0.0015	-0.0004	0.0084	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.17	-0.0791	-0.0478	-0.0738	0.1279	0.0076	-0.0047	-0.0699	0.0025	7.71	69.04%	11.17	-0.1022	-0.0607	-0.0906	0.1569	0.0116	-0.0058	-0.0908	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0252	-0.1078	-0.0791	0.0280	0.0015	-0.0018	-0.1844	0.0000	7.06	59.03%	11.96	-0.0305	-0.1368	-0.0972	0.0346	0.0021	-0.0024	-0.2302	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0138	0.0126	0.0154	-0.0017	0.0125	0.0046	[redacted]			0.0000	0.0000	-0.0171	0.0153	0.0199	-0.0020	0.0161	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0327	-0.0224	-0.0674	0.0640	0.0079	-0.0017	-0.0523	0.0089	7.13	68.36%	10.43	-0.0420	-0.0279	-0.0828	0.0783	0.0121	-0.0021	-0.0644	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1016	-0.0132	-0.0468	0.2138	0.0081	-0.0006	0.0597	0.0000	11.07	92.55%	11.96	-0.1328	-0.0171	-0.0575	0.2589	0.0124	-0.0008	0.0631	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0307	-0.0483	-0.0784	0.2976	0.0085	-0.0012	0.1475	0.0043	12.90	85.69%	15.06	-0.0382	-0.0612	-0.0934	0.3666	0.0138	-0.0015	0.1861	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0247	-0.1013	-0.1615	0.1847	0.0152	-0.0074	-0.0950	0.0391	13.30	82.24%	16.18	-0.0310	-0.1247	-0.1986	0.2262	0.0232	-0.0094	-0.1143	1.41	1.41	1.41	1.38	1.38	11.85%	11.85%	11.85%	11.60%	11.60%
11.96	-0.0162	-0.0149	-0.0454	0.1069	0.0589	0.0037	0.0930	0.4352	8.65	72.30%	11.96	-0.0200	-0.0189	-0.0548	0.1334	0.0744	0.0053	0.1194	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0515	-0.0012	-0.0216	0.0851	0.0078	-0.0003	0.0183	0.0180	8.13	68.01%	11.96	-0.0720	-0.0017	-0.0267	0.1042	0.0118	-0.0003	0.0153	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0040	-0.0181	0.0000	0.1303	0.0000	0.1078	0.0000	[redacted]			-0.0005	-0.0051	-0.0212	0.0000	0.1339	0.0000	0.1071	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	0.0000	0.0000	-0.0065	0.0972	0.0121	-0.0002	0.1026	0.0005	2.21	92.56%	2.39	0.0000	0.0000	-0.0079	0.1211	0.0159	-0.0002	0.1289	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0082	-0.1135	-0.1308	0.0288	0.0071	0.0000	-0.2166	1.7031	[redacted]			-0.0099	-0.1446	-0.1559	0.0389	0.0091	0.0000	-0.2624	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0160	-0.0425	-0.0817	0.1999	0.0061	-0.0016	0.0642	0.0000	8.21	68.65%	11.96	-0.0202	-0.0549	-0.0995	0.2463	0.0088	-0.0019	0.0786	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1772	-0.0648	-0.1071	0.1544	0.0115	-0.0014	-0.1846	0.0054	[redacted]			-0.2150	-0.0818	-0.1301	0.1940	0.0178	-0.0018	-0.2169	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0404	-0.0574	-0.1057	0.1238	0.0085	-0.0009	-0.0721	0.0013	9.93	83.05%	11.96	-0.0499	-0.0730	-0.1295	0.1530	0.0130	-0.0014	-0.0878	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0369	-0.0310	-0.0421	0.0637	0.0052	-0.0006	-0.0417	0.0028	4.37	36.56%	11.96	-0.0412	-0.0357	-0.0519	0.0836	0.0079	-0.0011	-0.0384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0010	-0.0012	-0.0120	0.1324	0.0083	-0.0017	0.1248	0.0007	2.16	90.61%	2.39	-0.0010	-0.0012	-0.0138	0.1668	0.0114	-0.0019	0.1603	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0293	-0.0036	-0.0352	0.0453	0.0075	-0.0007	-0.0160	0.0108	[redacted]			-0.0366	-0.0046	-0.0427	0.0545	0.0113	-0.0009	-0.0190	0.00	0.12	0.12	0.12	0.12	[redacted]				
11.96	-0.0444	-0.0208	-0.0347	0.0415	0.0040	-0.0003	-0.0547	0.0776	4.41	36.85%	11.96	-0.0558	-0.0265	-0.0421	0.0541	0.0061	-0.0004	-0.0646	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0465	-0.0337	-0.0643	0.0333	0.0082	-0.0009	-0.1039	0.0127	7.75	64.82%	11.96	-0.0562	-0.0428	-0.0782	0.0406	0.0125	-0.0011	-0.1252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0683	-0.0568	-0.1028	0.0541	0.0081	-0.0037	-0.1694	0.4391	10.78	90.17%	11.96	-0.0851	-0.0746	-0.1255	0.0652	0.0127	-0.0041	-0.2114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0215	-0.0023	-0.0371	0.3058	0.0094	-0.0036	0.2507	0.0000	9.56	79.96%	11.96	-0.0321	-0.0035	-0.0457	0.3617	0.0137	-0.0037	0.2904	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0333	-0.0509	-0.1153	0.1580	0.0118	-0.0025	-0.0322	0.0000	11.02	92.14%	11.96	-0.0403	-0.0631	-0.1346	0.1919	0.0190	-0.0033	-0.0304	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0104	-0.0384	-0.0608	0.0155	0.0040	-0.0010	-0.0911	0.0023	[redacted]			-0.0128	-0.0483	-0.0732	0.0200	0.0056	-0.0012	-0.1099	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0127	-0.0085	-0.0309	0.0018	0.0017	-0.0018	-0.0504	3.5974	[redacted]			-0.0146	-0.0102	-0.0381	0.0022	0.0024	-0.0023	-0.0606	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.78	0.0000	0.0000	-0.0042	0.0015	0.0104	-0.0030	0.0047	0.0000	1.16	41.65%	2.78	0.0000	0.0000	-0.0049	0.0020	0.0145	-0.0033	0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0803	-0.0189	-0.0627	0.1449	0.0088	-0.0038	-0.0120	0.0229	10.77	90.10%	11.96	-0.0912	-0.0210	-0.0766	0.1766	0.0135	-0.0070	-0.0057	2.15	2.26	2.32	2.32	2.32	358.33%	376.67%	386.67%	386.67%	386.67%
11.96	-0.0177	-0.1043	-0.0926	0.0304	0.0022	0.0001	-0.1819	3.5110	11.33	94.73%	11.96	-0.0212	-0.1316	-0.1148	0.0428	0.0024	0.0001	-0.2223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.4563	-0.0959	-0.1416	0.7887	0.0431	-0.0017	0.1363	0.6686	[redacted]			-0.5561	-0.1233	-0.1725	0.9669	0.0650	-0.0021	0.1779	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0050	-0.0727	-0.1218	0.0757	0.0027	-0.0021	-0.1232	1.0344	[redacted]			-0.0061	-0.0893	-0.1464	0.0944	0.0041	-0.0028	-0.1461	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0478	-0.0123	-0.0692	0.5073	0.0189	-0.0012	0.3957	0.0047	15.76	97.44%	16.18	-0.0478	-0.0123	-0.0806	0.6574	0.0279	-0.0013	0.5433	2.35	2.35	2.35	2.41	2.41	261.11%	261.11%	261.11%	267.78%	267.78%
[redacted]	-0.1346	-0.2188	-0.1583	0.0391	0.0063	0.0016	-0.4647	1.6067	[redacted]			-0.1654	-0.2802	-0.1935	0.0536	0.0085	0.0022	-0.5748	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0609	-0.0012	-0.0355	0.0797	0.0056	0.0000	-0.0123	0.0526	9.90	82.81%	11.96	-0.0754	-0.0015	-0.0437	0.0981	0.0088	0.0000	-0.0137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0207	-0.0159	-0.0378	0.0353	0.0323	0.0053	-0.0015	0.4764	7.65	63.97%	11.96	-0.0271	-0.0202	-0.0465	0.0449	0.0412	0.0066	-0.0011	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0536	-0.0147	-0.0809	0.0616	0.0195	-0.0121	-0.0802	1.6203	10.83	90.61%	11.96	-0.0633	-0.0177	-0.0972	0.0749	0.0279	-0.0157	-0.0911	0.11	0.65	0.87	0.98	0.98	0.98%	5.80%	7.77%	8.75%	8.75%
2.93	-0.0320	-0.0063	-0.0166	0.0334	0.0063	-0.0005	-0.0157	0.0070	2.64	90.14%	2.93	-0.0422	-0.0079	-0.0207	0.0415	0.0087	-0.0006	-0.0212	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0073	-0.0059	-0.0233	0.0349	0.0054	-0.0014	0.0024	0.0460	2.69	91.91%	2.93	-0.0096	-0.0075	-0.0286	0.0420	0.0077	-0.0018	0.0022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0771	-0.0151	-0.0550	0.2493	0.0091	-0.0005	0.1107	0.0002	9.60	80.28%	11.96	-0.0971	-0.0192	-0.0673	0.3064	0.0135	-0.0006	0.1357	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0449	-0.0027	-0.0224	0.0791	0.0056	0.0000	0.0147	0.0000	6.08	50.87%	11.96	-0.0597	-0.0034	-0.0273	0.0975	0.0084	0.0000	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0093	-0.0360	-0.0564	0.0276	0.0050	0.0020	-0.0671	0.0040	[redacted]			-0.0121	-0.0459	-0.0691	0.0344	0.0065	0.0026	-0.0836	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0211	-0.0925	-0.0885	0.0655	0.0044	0.0001	-0.1321	0.0124	7.09	59.26%	11.96	-0.0261	-0.1176	-0.1068	0.0840	0.0062	0.0001	-0.1602	2.68	2.61	2.61	2.61	2.61	446.67%	435.00%	435.00%	435.00%	435.00%
11.20	-0.0228	-0.1128	-0.0981	0.0140	0.0049	0.0002	-0.2146	0.1939	7.57	67.64%	11.20	-0.0279	-0.1437	-0.1186	0.0180	0.0066	0.0002	-0.2654	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0499	-0.0202	-0.0454	0.0601	0.0069	0.0000	-0.0485	0.0066	8.60	71.94%	11.96	-0.0603	-0.0257	-0.0555	0.0767	0.0105	0.0000	-0.0543	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1135	-0.2277	-0.2724	0.0662	0.0338	-0.0006	-0.5142	5.8102	[redacted]			-0.1402	-0.2982	-0.3300	0.0810	0.0360	-0.0007	-0.6521	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0407	-0.0274	-0.0391	0.0406	0.0045	-0.0008	-0.0629	0.0000	9.67	80.89%	11.96	-0.0534	-0.0349	-0.0461	0.0535	0.0074	-0.0008	-0.0743	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0049	-0.0188	-0.0194	0.0606	0.0031	-0.0006	0.0200	0.0007	1.90	79.40%	2.39	-0.0062	-0.0243	-0.0236	0.0744	0.0048	-0.0004	0.0247	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0128	-0.0021	-0.0183	0.0905	0.0057	-0.0034	0.0596	8.1330	[redacted]			-0.0160	-0.0028	-0.0222	0.1090	0.0079	-0.0044	0.0715	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0443	-0.0059	-0.0332	0.1598	0.0090	-0.0004	0.0850	0.0000	9.81	82.05%	11.96	-0.0547	-0.0075	-0.0400	0.1950	0.0148	-0.0005	0.1071	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0052	-0.0008	-0.0062	0.0289	0.0041	-0.0004	0.0204	0.0000	1.78	60.93%	2.93	-0.0069	-0.0010	-0.0077	0.0348	0.0062	-0.0005	0.0249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0382	-0.0282	-0.0681	0.0516	0.0081	-0.0021	-0.0769	0.0170	9.99	83.57%	11.96	-0.0464	-0.0358	-0.0840	0.0620	0.0126	-0.0026	-0.0942	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.20	-0.0194	-0.0021	-0.0094	0.0284	0.0043	-0.0001	0.0017	0.0000	1.28	58.04%	2.20	-0.0209	-0.0023	-0.0114	0.0347	0.0065	-0.0004	0.0062	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0240	-0.0044	-0.0434	0.1682	0.0069	-0.0093	0.0940	0.0159	6.11	58.52%	10.43	-0.0311	-0.0056	-0.0529	0.2028	0.0103	-0.0121	0.1114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0526	-0.0225	-0.0772	0.0500	0.0079	-0.0005	-0.0949	0.0150	11.59	96.93%	11.96	-0.0660	-0.0286	-0.0947	0.0626	0.0117	-0.0005	-0.1155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0023	-0.0412	-0.0635	0.0213	0.0044	0.0000	-0.0813	1.2573	[redacted]			-0.0028	-0.0525	-0.0783	0.0265	0.0057	0.0000	-0.1014	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0025	-0.0174	-0.0303	0.0333	0.0005	-0.0002	-0.0166	0.8760	2.26	18.89%	11.96	-0.0032	-0.0226	-0.0357	0.0412	0.0005	0.0000	-0.0198	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0379	-0.0256	-0.0875	0.2422	0.0107	-0.0017	0.1002	0.0081	8.26	69.12%	11.96	-0.0472	-0.0326	-0.1073	0.2915	0.0157	-0.0021	0.1180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0839	-0.0364	-0.0840	0.2530	0.0111	-0.0018	0.0580	0.4722	9.65	80.73%	11.96	-0.1175	-0.0500	-0.0999	0.3086	0.0182	-0.0017	0.0577	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0601	-0.0391	-0.0980	0.1786	0.0100	-0.0009	-0.0095	0.0057	11.65	97.40%	11.96	-0.0696	-0.0462	-0.1201	0.2234	0.0153	-0.0012	0.0016	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0176	0.0000	-0.0070	0.0366	0.0046	0.0000	0.0166	0.0000	1.77	74.05%	2.39	-0.0230	0.0000	-0.0086	0.0440	0.0069	0.0000	0.0193	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0443	-0.0624	-0.0791	0.1122	0.0073	-0.0027	-0.0690	0.0003	9.57	80.08%	11.96	-0.0552	-0.0793	-0.0961	0.1374	0.0112	-0.0042	-0.0862	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0754	-0.0055	-0.0431	0.3394	0.0102	-0.0023	0.2233	0.0115	8.39	70.18%	11.96	-0.1019	-0.0073	-0.0514	0.4094	0.0164	-0.0023	0.2629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0192	0.0000	-0.0094	0.0467	0.0051	0.0000	0.0232	0.0060	2.16	90.51%	2.39	-0.0236	0.0000	-0.0116	0.0582	0.0076	0.0000	0.0306	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0274	-0.1626	-0.2100	0.4994	0.0187	-0.0019	0.1162	0.4696	12.33	76.25%	16.18	-0.0345	-0.2064	-0.2537	0.6110	0.0240	-0.0023	0.1381	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0521	-0.0421	-0.0618	0.0858	0.0063	-0.0027	-0.0666	0.0017	8.29	69.34%	11.96	-0.0699	-0.0535	-0.0748	0.1064	0.0089	-0.0028	-0.0857	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.30	-0.0081	-0.0049	-0.0084	0.0728	0.0056	-0.0010	0.0560	0.0000	1.55	67.54%	2.30	-0.0081	-0.0049	-0.0095	0.0909	0.0082	-0.0018	0.0748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.1094	-0.0204	-0.0807	0.2134	0.0121	-0.0009	0.0141	0.0150	15.13	93.52%	16.18	-0.1449	-0.0268	-0.0991	0.2553	0.0171	-0.0011	0.0005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0435	-0.0344	-0.0860	0.4584	0.0168	-0.0072	0.3041	0.0000	8.33	69.70%	11.96	-0.0488	-0.0383	-0.1033	0.5643	0.0271	-0.0107	0.3903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0698	-0.0614	-0.0870	0.0717	0.0048	-0.0009	-0.1426	0.0145	[redacted]			-0.0886	-0.0781	-0.1073	0.0892	0.0070	-0.0011	-0.1789	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0005	-0.0024	-0.0150	0.0172	0.0043	0.0000	0.0036	0.4559	[redacted]			-0.0009	-0.0045	-0.0184	0.0222	0.0051	0.0000	0.0035	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0912	-0.0268	-0.0752	0.1565	0.0134	-0.0013	-0.0246	0.0000	9.70	81.13%	11.96	-0.1149	-0.0332	-0.0919	0.1906	0.0201	-0.0019	-0.0312	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0101	0.0266	0.0066	-0.0016	0.0215	0.0004	1.04	35.46%	2.93	0.0000	0.0000	-0.0125	0.0318	0.0089	-0.0020	0.0262	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0008	-0.0032	0.0000	0.0022	-0.0004	-0.0034	0.0045	[redacted]			-0.0015	-0.0010	-0.0039	0.0000	0.0032	-0.0005	-0.0037	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.85	-0.0105	-0.0005	-0.0088	0.0320	0.0055	-0.0010	0.0167	0.0001	1.37	74.24%	1.85	-0.0125	-0.0006	-0.0109	0.0395	0.0080	-0.0015	0.0220	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0348	-0.0417	-0.0732	0.0943	0.0096	-0.0022	-0.0480	0.0022	9.16	76.63%	11.96	-0.0400	-0.0488	-0.0900	0.1178	0.0154	-0.0029	-0.0485	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Jayblue		0.0000	[redacted]			-0.0074	-0.0154	-0.0194	0.0023	0.0009	-0.0001	-0.0391	0.0000	[redacted]			-0.0125	-0.0271	-0.0374	0.0053	0.0020	-0.0002	-0.0699
Jazz		0.0002	9.16	76.60%	11.96	-0.0140	-0.0287	-0.0369	0.0392	0.0014	0.0000	-0.0390	0.0024	9.13	76.36%	11.96	-0.0285	-0.0550	-0.0699	0.0817	0.0041	-0.0001	-0.0677
JBsherman		0.0004	11.97	73.97%	16.18	-0.0062	-0.0032	-0.0182	0.0223	0.0009	-0.0001	-0.0045	0.0039	11.97	74.00%	16.18	-0.0109	-0.0059	-0.0339	0.0457	0.0019	-0.0002	-0.0033
Jedi		0.3532	7.85	65.64%	11.96	-0.0094	-0.0085	-0.0153	0.0068	0.0009	-0.0001	-0.0256	0.4516	7.94	66.38%	11.96	-0.0160	-0.0160	-0.0277	0.0141	0.0022	-0.0002	-0.0436
Jeep		0.0000	3.51	56.08%	6.26	0.0000	0.0000	-0.0027	0.0254	0.0034	-0.0006	0.0255	0.0000	3.54	56.60%	6.26	0.0000	0.0000	-0.0053	0.0520	0.0093	-0.0009	0.0551
Jeffrey		0.0004	[redacted]			-0.0161	-0.0140	-0.0484	0.0891	0.0008	-0.0002	0.0112	0.0004	[redacted]			-0.0299	-0.0256	-0.0859	0.1819	0.0025	-0.0004	0.0426
Jellystone		0.0003	10.38	86.80%	11.96	-0.0343	-0.0010	-0.0121	0.0131	0.0008	-0.0003	-0.0338	0.0037	10.33	86.43%	11.96	-0.0780	-0.0023	-0.0249	0.0244	0.0023	-0.0005	-0.0790
Jenkins		0.0000	9.88	61.05%	16.18	-0.0005	-0.0019	-0.0212	0.0348	0.0059	-0.0003	0.0168	0.0000	9.90	61.21%	16.18	-0.0009	-0.0035	-0.0385	0.0737	0.0127	-0.0006	0.0429
Jenks Lake		0.0000	0.37	21.33%	1.74	0.0000	0.0000	-0.0010	0.0022	0.0018	-0.0008	0.0022	0.0003	0.37	21.55%	1.74	0.0000	0.0000	-0.0018	0.0045	0.0038	-0.0011	0.0054
Jennings		0.0003	10.28	86.00%	11.96	-0.0026	-0.0160	-0.0334	0.0332	0.0005	-0.0001	-0.0184	0.0059	10.28	85.94%	11.96	-0.0052	-0.0307	-0.0592	0.0624	0.0022	-0.0001	-0.0306
Jepson		0.0000	10.26	87.38%	11.74	-0.0208	-0.0209	-0.0369	0.0516	0.0009	0.0000	-0.0261	0.0000	11.04	94.03%	11.74	-0.0368	-0.0384	-0.0663	0.1096	0.0027	0.0000	-0.0292
Jerome		0.0003	11.54	96.51%	11.96	-0.0100	-0.0212	-0.0337	0.0368	0.0027	-0.0017	-0.0271	0.0056	11.52	96.37%	11.96	-0.0188	-0.0408	-0.0660	0.0750	0.0054	-0.0036	-0.0488
Jerry		0.4559	6.40	53.55%	11.96	-0.0175	-0.0003	-0.0029	0.0149	0.0021	0.0000	-0.0037	0.5730	6.53	54.62%	11.96	-0.0317	-0.0005	-0.0066	0.0304	0.0042	0.0000	-0.0042
Jerusalem	GNA_2023_322	0.1650	9.30	77.81%	11.96	-0.0215	-0.0082	-0.0132	0.0163	0.0012	-0.0003	-0.0257	1.7642	11.05	92.41%	11.96	-0.0333	-0.0130	-0.0257	0.0380	0.0033	-0.0006	-0.0313
Jess		0.0003	9.69	81.02%	11.96	-0.0229	-0.0021	-0.0129	0.0180	0.0012	-0.0003	-0.0190	0.0046	9.67	80.87%	11.96	-0.0503	-0.0050	-0.0236	0.0349	0.0044	-0.0002	-0.0398
Jessie		0.3141	[redacted]			0.0000	0.0000	-0.0013	0.0033	0.0012	-0.0001	0.0031	0.3144	[redacted]			0.0000	0.0000	-0.0023	0.0067	0.0036	-0.0003	0.0077
Jessup		0.0001	3.02	103.23%	2.93	-0.0058	0.0000	-0.0025	0.0030	0.0008	0.0000	-0.0045	0.0018	3.02	103.20%	2.93	-0.0100	0.0000	-0.0053	0.0062	0.0022	0.0000	-0.0069
Jet Ski		0.0000	4.81	98.76%	4.87	-0.0005	-0.0009	-0.0058	0.0007	0.0002	-0.0002	-0.0065	0.0000	4.80	98.66%	4.87	-0.0010	-0.0017	-0.0101	0.0014	0.0006	-0.0004	-0.0112
Jimmy		0.0000	[redacted]			-0.0135	-0.0357	-0.0674	0.0156	0.0005	-0.0001	-0.1006	0.0000	[redacted]			-0.0239	-0.0653	-0.1205	0.0325	0.0015	-0.0001	-0.1758
Jims		0.0000	[redacted]			-0.0056	-0.0012	-0.0059	0.0058	0.0006	-0.0001	-0.0064	0.0000	[redacted]			-0.0100	-0.0022	-0.0118	0.0119	0.0017	-0.0002	-0.0106
Joaquin		0.6892	8.38	70.12%	11.96	-0.0030	-0.0460	-0.0644	0.0069	0.0001	-0.0011	-0.1075	0.8791	8.50	71.07%	11.96	-0.0060	-0.0844	-0.1125	0.0144	0.0004	-0.0020	-0.1901
Johanna		0.0000	1.18	49.56%	2.39	0.0000	0.0000	-0.0011	0.0091	0.0024	-0.0004	0.0100	0.0002	1.20	50.06%	2.39	0.0000	0.0000	-0.0020	0.0195	0.0043	-0.0004	0.0214
Johnboy		0.0000	[redacted]			-0.0131	-0.0228	-0.0415	0.0379	0.0008	-0.0003	-0.0390	0.0001	[redacted]			-0.0235	-0.0415	-0.0774	0.0789	0.0022	-0.0006	-0.0619
Johnsondale		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001	0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0000	0.0007	-0.0002	0.0003
Jojo		0.0000	[redacted]			-0.0027	-0.0173	-0.0250	0.0083	0.0005	-0.0016	-0.0378	0.0000	[redacted]			-0.0049	-0.0328	-0.0464	0.0175	0.0013	-0.0031	-0.0684
Jonagold	GNA_2023_111	1.5807	10.69	89.40%	11.96	-0.0342	-0.0019	-0.0119	0.0102	0.0022	-0.0001	-0.0357	4.0010	9.42	78.81%	11.96	-0.0602	-0.0035	-0.0253	0.0208	0.0048	-0.0002	-0.0636
Jones		0.0000	1.55	55.31%	2.80	-0.0025	-0.0025	-0.0037	0.0183	0.0006	-0.0001	0.0101	0.0000	1.56	55.80%	2.80	-0.0044	-0.0049	-0.0068	0.0382	0.0013	-0.0001	0.0233
Joplin		0.0003	8.63	72.22%	11.96	-0.0069	-0.0039	-0.0279	0.0577	0.0017	-0.0021	0.0186	0.0047	8.67	72.51%	11.96	-0.0127	-0.0074	-0.0496	0.1174	0.0039	-0.0049	0.0467
Jordan		0.0001	3.04	70.00%	4.35	-0.0091	-0.0008	-0.0058	0.0514	0.0014	-0.0095	0.0276	0.0008	3.09	70.97%	4.35	-0.0179	-0.0015	-0.0112	0.1046	0.0043	-0.0131	0.0652
Josard		0.0001	10.16	62.80%	16.18	-0.0162	-0.0061	-0.0170	0.0750	0.0019	-0.0004	0.0372	0.0007	10.21	63.13%	16.18	-0.0292	-0.0114	-0.0355	0.1569	0.0049	-0.0008	0.0849
Joshua		0.0003	8.73	72.99%	11.96	-0.0088	-0.0127	-0.0266	0.0051	0.0010	-0.0002	-0.0422	0.0042	8.69	72.69%	11.96	-0.0162	-0.0254	-0.0472	0.0096	0.0018	-0.0014	-0.0788
Josie		0.0001	2.59	88.46%	2.93	-0.0062	-0.0002	-0.0027	0.0228	0.0009	-0.0001	0.0145	0.0006	2.61	89.13%	2.93	-0.0108	-0.0003	-0.0053	0.0467	0.0019	-0.0002	0.0320
Joslyn		1.1765	9.85	82.70%	11.91	-0.0020	-0.0359	-0.0482	0.0458	0.0008	-0.0002	-0.0397	1.1772	9.87	82.86%	11.91	-0.0041	-0.0662	-0.0855	0.1327	0.0018	-0.0003	-0.0216
Josten		0.0000	[redacted]			-0.0067	-0.0060	-0.0188	0.0087	0.0006	-0.0006	-0.0228	0.0004	[redacted]			-0.0121	-0.0111	-0.0343	0.0178	0.0021	-0.0011	-0.0387
Jot		0.0002	11.12	93.03%	11.96	-0.0052	-0.0065	-0.0160	0.0114	0.0004	-0.0009	-0.0168	0.0070	11.12	92.99%	11.96	-0.0091	-0.0124	-0.0313	0.0246	0.0016	-0.0017	-0.0283
Joy		0.0000	0.88	43.45%	2.02	-0.0018	-0.0006	-0.0012	0.0030	0.0002	0.0000	-0.0004	0.0000	0.88	43.46%	2.02	-0.0034	-0.0012	-0.0022	0.0062	0.0004	0.0000	-0.0002
Joyce		0.0000	2.61	89.25%	2.93	-0.0019	-0.0007	-0.0030	0.0125	0.0005	-0.0002	0.0072	0.0000	2.62	89.56%	2.93	-0.0034	-0.0014	-0.0063	0.0255	0.0014	-0.0004	0.0154
Juarez		0.0002	9.24	77.30%	11.96	-0.0072	-0.0113	-0.0228	0.0352	0.0011	-0.0012	-0.0062	0.0020	9.24	77.30%	11.96	-0.0138	-0.0210	-0.0454	0.0719	0.0027	-0.0022	-0.0078
Jubilee		0.0000	[redacted]			-0.0064	-0.0020	-0.0153	0.0290	0.0021	-0.0020	0.0054	0.0000	[redacted]			-0.0116	-0.0038	-0.0300	0.0590	0.0049	-0.0041	0.0144
Judah		0.0000	1.97	67.25%	2.93	-0.0039	-0.0003	-0.0025	0.0194	0.0018	0.0000	0.0145	0.0006	1.99	67.85%	2.93	-0.0069	-0.0006	-0.0054	0.0396	0.0041	0.0000	0.0308
Judge		1.3895	8.98	86.03%	10.43	-0.0070	-0.0125	-0.0218	0.0166	0.0006	-0.0011	-0.0252	1.3937	8.96	85.91%	10.43	-0.0125	-0.0237	-0.0399	0.0350	0.0017	-0.0021	-0.0415
Judson		0.0003	10.29	97.40%	10.57	-0.0175	-0.0065	-0.0145	0.0155	0.0009	-0.0001	-0.0222	0.0047	10.28	97.28%	10.57	-0.0310	-0.0126	-0.0284	0.0319	0.0023	-0.0002	-0.0380
Judy	GNA_2023_224	0.4280	[redacted]			-0.0112	-0.0073	-0.0098	0.0050	0.0003	-0.0004	-0.0234	0.5154	[redacted]			-0.0204	-0.0135	-0.0185	0.0107	0.0010	-0.0007	-0.0414
Julep		0.3134	9.91	82.90%	11.96	-0.0046	-0.0041	-0.0124	0.0303	0.0009	-0.0007	0.0094	0.3191	9.93	83.08%	11.96	-0.0085	-0.0078	-0.0236	0.0620	0.0023	-0.0013	0.0231
Julius		0.0005	15.77	97.46%	16.18	-0.0097	-0.0102	-0.0204	0.0408	0.0008	-0.0021	-0.0008	0.0094	15.80	97.67%	16.18	-0.0152	-0.0171	-0.0402	0.0952	0.0022	-0.0045	0.0204
Juneau		0.0000	1.38	57.93%	2.39	0.0000	0.0000	-0.0008	0.0133	0.0031	0.0000	0.0156	0.0005	1.40	58.68%	2.39	0.0000	0.0000	-0.0017	0.0271	0.0068	-0.0001	0.0321
Junior		0.0000	10.76	90.02%	11.96	-0.0102	-0.0119	-0.0212	0.0346	0.0011	-0.0005	-0.0081	0.0000	10.76	90.00%	11.96	-0.0188	-0.0226	-0.0420	0.0713	0.0028	-0.0010	-0.0103
Jupiter		0.0000	2.30	85.58%	2.69	-0.0052	-0.0006	-0.0031	0.0207	0.0006	0.0000	0.0124	0.0000	2.32	86.25%	2.69	-0.0091	-0.0011	-0.0059	0.0427	0.0028	0.0000	0.0294
Jurupa		0.0001	9.02	75.42%	11.96	-0.0164	-0.0035	-0.0121	0.0228	0.0010	-0.0002	-0.0084	0.0018	9.02	75.42%	11.96	-0.0286	-0.0065	-0.0250	0.0469	0.0027	-0.0004	-0.0109
Jury		0.0000	9.61	80.41%	11.96	-0.0210	-0.0097	-0.0148	0.0232	0.0018	-0.0006	-0.0211	0.0000	9.60	80.31%	11.96	-0.0369	-0.0183	-0.0279	0.0485	0.0036	-0.0010	-0.0320
Justice		0.0002	[redacted]			-0.0034	-0.0215	-0.0339	0.0045	0.0004	-0.0003	-0.0542	0.0016	[redacted]			-0.0066	-0.0395	-0.0621	0.0101	0.0009	-0.0006	-0.0978
Kadice		0.0057	10.89	91.04%	11.96	-0.0328	-0.0069	-0.0152	0.0108	0.0013	0.0000	-0.0428	0.0132	10.88	90.97%	11.96	-0.0456	-0.0097	-0.0316	0.0268	0.0034	-0.0016	-0.0583
Kadota	GNA_2023_128	0.0004	11.80	98.66%	11.96	-0.0088	-0.0095	-0.0233	0.0448	0.0014	-0.0023	0.0023	0.0071	11.81	98.79%	11.96	-0.0161	-0.0182	-0.0459	0.0914	0.0035	-0.0043	0.0104
Kahlua		0.3963	8.86	74.13%	11.96	-0.0230	-0.0109	-0.0176	0.0500	0.0008	-0.0011	-0.0018	0.3963	8.87	74.21%	11.96	-0.0423	-0.0206	-0.0343	0.1034	0.0021	-0.0021	0.0062
Kaiser		0.7639	[redacted]			-0.0187	-0.0070	-0.0213	0.0588	0.0010	-0.0003	0.0125	0.7660	[redacted]			-0.0330	-0.0129	-0.0416	0.1199	0.0025	-0.0006	0.0343
Kalisher		0.0004	[redacted]			-0.0113	-0.0152	-0.0291	0.0365	0.0011	-0.0003	-0.0183	0.0070	[redacted]			-0.0203	-0.0290	-0.0513	0.0755	0.0026	-0.0007	-0.0232
Kalmia		0.0002	6.25	38.66%	16.18	0.0000	0.0000	-0.0214	0.0334	0.0028	-0.0010	0.0138	0.0015	6.27	38.74%	16.18	-0.0014	-0.0038	-0.0495	0.0752	0.0069	-0.0031	0.0243
Kanan		0.0005	13.88	85.81%	16.18	-0.0151	-0.0044	-0.0174	0.0887	0.0007	-0.0003	0.0522	0.0070	13.96	86.29%	16.18	-0.0269	-0.0084	-0.0332	0.1836	0.0021	-0.0006	0.1166
Kansas		0.0000	2.61	92.05%	2.84	0.0000	0.0000	-0.0026	0.0428	0.0040	-0.0007	0.0435	0.0000	2.66	93.76%	2.84	0.0000	0.0000	-0.0052	0.0872	0.0090	-0.0017	0.0893
Kappa		0.6600	6.38	63.12%	10.11	-0.0024	-0.0126	-0.0236	0.0134	0.0006	-0.0002	-0.0248	1.4313	7.22	71.38%	10.11	-0.0038	-0.0197	-0.0425	0.0313	0.0015	-0.0004	-0.0336
Karen		1.9280	10.45	87.40%	11.96	-0.0111	-0.0063	-0.0176	0.0457	0.0011	-0.0007	0.0111	1.9280	10.49	87.69%	11.96	-0.0150	-0.0086	-0.0330	0.1001	0.0035	-0.0027	0.0443
Kasota		0.0519	[redacted]			-0.0116	-0.0141	-0.0390	0.0124	0.0010	-0.0016	-0.0529	0.0735	[redacted]			-0.0208	-0.0266	-0.0683	0.0256	0.0023	-0.0030	-0.0908
Katella		0.9547	9.49	79.36%	11.96	-0.0082	-0.0235	-0.0384	0.0349	0.0007	-0.0003	-0.0348	0.9561	9.47	79.20%	11.96	-0.0154	-0.0437	-0.0690	0.0731	0.0018	-0.0007	-0.0539
Kathleen		0.0001	[redacted]			-0.0050	-0.0140	-0.0248	0.0156	0.0007	0.0001	-0.0274	0.0018	[redacted]			-0.0092	-0.0258	-0.0429	0.0326	0.0027	0.0001	-0.0425
Kauffman		0.0000	1.77	74.29%	2.39	-0.0002	-0.0001	-0.0017	0.0132	0.0007	-0.0002	0.0117	0.0007	1.79	74.89%	2.39	-0.0004	-0.0002	-0.0034	0.0269	0.0017	-0.0004	0.0242
Kay		0.0001	12.84	79.35%	16.18	-0.0095	-0.0272	-0.0344	0.0345	0.0010	-0.0005	-0.0361	1.0243	13.92	86.06%	16.18	-0.0173	-0.0516	-0.0654	0.0713	0.0031	-0.0038	-0.0637
Keats		0.0000	[redacted]			0.0000	0.0000	-0.0005	0.0177	0.0036	-0.0002	0.0206	0.0003	[redacted]			0.0000	0.0000	-0.0010	0.0361	0.0072	-0.0005	0.0418
Keefer		0.0003	9.18	80.58%	11.39	-0.0127	-0.0008	-0.0058	0.0126	0.0004	0.0000	-0.0063	0.0050	8.12	71.29%	11.39	-0.0189	-0.0012	-0.0137	0.0332	0.0017	-0.0001	0.0010
Keel		0.0000	[redacted]			0.0000	0.0000	-0.0083	0.0135	0.0012	0.0000	0.0064	0.0000	[redacted]			0.0000	0.0000	-0.0142	0.0283	0.0027	0.0000	0.0168
Keeline		0.0002	[redacted]			-0.0075	-0.0223	-0.0353	0.0175	0.0003	-0.0013	-0.0486	0.0007	[redacted]			-0.0120	-0.0351	-0.0626	0.0406	0.0010	-0.0027	-0.0708
Keever	GNA_2023_313	0.0000	3.16	156.36%	2.02	-0.0036	-0.0010	-0.0043	0.0188	0.0006	-0.0001	0.0104	0.0005	3.17	157.05%	2.02	-0.0063	-0.0019	-0.0090	0.0388	0.0017	-0.0002	0.0231
Keim		0.0000	2.34	80.06%	2.93	-0.0009	0.0000	-0.0021	0.0074	0.0007	-0.0001	0.0050	0.0002	2.35	80.26%	2.93	-0.0016	0.0000	-0.0045	0.0150	0.0018	-0.0004	0.0103
Kelber		0.0001	9.40	78.62%	11.96	-0.0003	-0.0048	-0.0137	0.0060	0.0031	0.0000	-0.0097	0.0024	9.40	78.59%	11.96	-0.0006	-0.0090	-0.0248	0.0124	0.0065	-0.0001	-0.0156
Keller		0.3614	9.64	80.60%	11.96	-0.0516	-0.0005	-0.0073	0.0266	0.0010	0.0000	-0.0318	0.5827	9.89	82.69%	11.96	-0.0769	-0.0008	-0.0154	0.0619	0.0030	-0.0001	-0.0283
Kelsey		0.0001	9.95	83.21%	11.96	-0.0230	-0.0089	-0.0256	0.0402	0.0012	-0.0002	-0.0163	0.0011	9.95	83.20%	11.96	-0.0408	-0.0165	-0.0456	0.0831	0.0025	-0.0004	-0.0177
Kelvin		0.9887	6.95	58.14%	11.96	-0.0001	-0.0003	-0.0199	0.0094	0.0015	-0.0002	-0.0096	1.2611	7.23	60.51%	11.96	-0.0002	-0.0006	-0.0367	0.0191	0.0036	-0.0006	-0.0154
Kelvinator		0.0001	[redacted]			-0.0147	-0.0271	-0.0404	0.0317	0.0009	0.0003	-0.0493	0.0011	[redacted]			-0.0261	-0.0507	-0.0702	0.0643	0.0042	0.0004	-0.0781
Kenbo		0.0000	1.85	84.27%	2.20	-0.0016	-0.0001	-0.0016	0.0085	0.0006	0.0000	0.0058	0.0007	1.86	84.74%	2.20	-0.0021	-0.0001	-0.0032	0.0186	0.0016	-0.0002	0.0146
Kendell		0.0000	1.37	57.27%	2.39	-0.0015	-0.0013	-0.0032	0.0046	0.0005	-0.0003	-0.0012	0.0007	1.37	57.28%	2.39	-0.0028	-0.0025	-0.0064	0.0093	0.0012	-0.0006	-0.0018
Kenmore		0.0000	2.38	81.24%	2.93	-0.0057	0.0000	-0.0017	0.0113	0.0005	0.0000	0.0044	0.0000	2.39	81.49%	2.93	-0.0103	0.0000	-0.0036	0.0233	0.0014	0.0000	0.0108
Kennedy		0.0000	[redacted]			-0.0089	-0.0023	-0.0062	0.0075	0.0008	-0.0008	-0.0099	0.0000	[redacted]			-0.0168	-0.0040	-0.0118	0.0160	0.0030	-0.0015	-0.0151
Kenney	GNA_2023_127	0.0000	3.07	229.64%	1.33	-0.0051	0.0000	-0.0028	0.0106	0.0006	0.0000	0.0033	0.0003	2.77	94.72%	2.93	-0.0090	0.0000	-0.0059	0.0217	0.0019	0.0000	0.0087
Keno		0.0004	9.31	77.89%	11.96	-0.0746	-0.0020	-0.0138	0.0223	0.0025	0.0000	-0.0656	0.0061	9.26	77.42%	11.96	-0.1388	-0.0037	-0.0317	0.0469	0.0050	0.0000	-0.1223
Kenoak		0.0000	1.96	70.14%	2.80	-0.0020	-0.0010	-0.0024	0.0050	0.0004	0.0000	0.0000	0.0000	1.96	70.18%	2.80	-0.0037	-0.0020	-0.0047	0.0104	0.0010	0.0000	0.0010
Kentucky		1.0606	8.42	70.39%	11.96	-0.0057	-0.0086	-0.0206	0.0150	0.0006	0.0000	-0.0193	2.0406	9.49	79.34%	11.96	-0.0092	-0.0134	-0.0372	0.0348	0.0018	-0.0001	-0.0233
Kenwood		0.0000	6.88	42.54%	16.18	-0.0047	-0.0164	-0.0323	0.0383	0.0021	-0.0015	-0.0145	0.0000	6.87	42.45%	16.18	-0.0111	-0.0392	-0.0613	0.0804	0.0051	-0.0026	-0.0287
Kenworth		0.3353	[redacted]			-0.0474	-0.0103	-0.0207	0.0277	0.0004	-0.0010	-0.0513	0.3409	[redacted]			-0.0894	-0.0194	-0.0397	0.0573	0.0017	-0.0019	-0.0914
Kenyon		0.0003	8.70	72.74%	11.96	-0.0043	-0.0077	-0.0199	0.0269	0.0010	-0.0003	-0.0043	0.0050	8.70	72.78%	11.96	-0.0081	-0.0146	-0.0388	0.0548	0.0025	-0.0005	-0.0047
Kermit		0.0000	9.55	79.85%	11.96	-0.0160	-0.0022	-0.0111	0.0480	0.0009	-0.0002	0.0194	0.0000	9.58	80.11%	11.96	-0.0282	-0.0042	-0.0239	0.1013	0.0024	-0.0004	0.0470
Kern		0.2787	[redacted]			-0.0253	-0.0123	-0.0144	0.0077	0.0021	-0.0001	-0.0423	0.3567	[redacted]			-0.0462	-0.0230	-0.0268	0.0180	0.0048	-0.0001	-0.0733
Kernan		2.0664	13.13	93.02%	14.12	-0.0045	-0.0250	-0.0395	0.0901	0.0008	-0.0001	0.0218	2.0693	13.20	93.49%	14.12	-0.0085	-0.0462	-0.0692	0.2061	0.0016	-0.0002	0.0836
Kerry		0.0003	8.98	75.12%	11.96	-0.0060	-0.0042	-0.0183	0.0157	0.0018	-0.0021	-0.0131	0.0047	8.98	75.07%	11.96	-0.0112	-0.0079	-0.0359	0.0322	0.0038	-0.0039	-0.0229
Kessler		0.0000	[redacted]			-0.0014	-0.0158	-0.0448	0.0077	0.0008	-0.0001	-0.0536	0.0000	[redacted]			-0.0027	-0.0287	-0.0822	0.0179	0.0019	-0.0002	-0.0940
Ketch		0.0003	[redacted]			-0.0167	-0.0192	-0.0309	0.0453	0.0006	-0.0002	-0.0211	0.0047	[redacted]			-0.0311	-0.0355	-0.0551	0.0938	0.0015	-0.0005	-0.0269
Kewamee	GNA_2023_96	0.0004	10.46	87.47%	11.96	-0.0181	-0.0070	-0.0299	0.1238	0.0012	-0.0004	0.0696	0.0038	10.55	88.22%	11.96	-0.0351	-0.0131	-0.0565	0.2528	0.0029	-0.0008	0.1502
Kewen		0.0000	1.88	69.29%	2.71	-0.0012	-0.0018	-0.0029	0.0092	0.0002	-0.0003	0.0032	0.0000	1.88	69.50%	2.71	-0.0023	-0.0035	-0.0054	0.0190	0.0012	-0.0006	0.0084
Keystone		0.0000	2.67	95.26%	2.80	-0.0003	-0.0001	-0.0042	0.0234	0.0013	-0.0004	0.0197	0.0001	2.69	96.01%	2.80	-0.0006	-0.0002	-0.0089	0.0478	0.0027	-0.0012	0.0396
Kick		0.0001	6.83	57.16%	11.96	-0.0042	-0.0082	-0.0254	0.0279	0.0012	-0.0008	-0.0095	0.0006	6.84	57.17%	11.96	-0.0082	-0.0154	-0.0439	0.0569	0.0026	-0.0015	-0.0095
Kickapoo Trail		0.0002	8.87	84.00%	10.57	-0.0397	-0.0138	-0.0215	0.0117	0.0004	-0.0025	-0.0654	0.0026	8.82	83.48%	10.57	-0.0739	-0.0265	-0.0413	0.0253	0.0019	-0.0048	-0.1193
Kidd		0.0002	6.69	64.09%	10.43	-0.0020	-0.0108	-0.0164	0.0039	0.0006	0.0000	-0.0247	0.0034	8.20	78.59%	10.43	-0.0037	-0.0198	-0.0301	0.0082	0.0019	0.0000	-0.0435
Kieway		0.0002	9.89	61.14%	16.18	-0.0056	-0.0207	-0.0315	0.0149	0.0007	-0.0003	-0.0425	0.0027	9.86	60.96%	16.18	-0.0101	-0.0385	-0.0555	0.0318	0.0014	-0.0005	-0.0714
Kilkenny		0.0000	11.14	93.18%	11.96	-0.0142	-0.0072	-0.0172	0.0358	0.0006	-0.0004	-0.0026	0.0000	11.15	93.23%	11.96	-0.0251	-0.0136	-0.0331	0.0743	0.0019	-0.0008	0.0036
Killdee		0.0000	2.87	98.01%	2.93	-0.0059	-0.0006	-0.0041	0.0152	0.0005	-0.0003	0.0048	0.0005	2.88	98.31%	2.93	-0.0104	-0.0012	-0.0085	0.0317	0.0016	-0.0006	0.0126
Kilroy		0.0001	7.94	70.51%	11.26	-0.0071	-0.0138	-0.0201	0.0119	0.0010	-0.0012	-0.0293	0.0018	7.92	70.35%	11.26	-0.0121	-0.0256	-0.0372	0.0276	0.0021	-0.0026	-0.0478
Kilts		0.0004	10.64	89.00%	11.96	-0.0159	-0.0049	-0.0156	0.0314	0.0013	-0.0001	-0.0038	0.0072	10.65	89.10%	11.96	-0.0282	-0.0090	-0.0326	0.0674	0.0032	-0.0002	0.0006
Kimdale		0.0001	10.53	88.09%	11.96	-0.0877	-0.0069	-0.0168	0.0322	0.0010	0.0000	-0.0782	0.0001	11.29	94.42%	11.96	-0.1652	-0.0126	-0.0334	0.0676	0.0027	-0.0002	-0.1411
King		0.0000	7.90	55.98%	14.12	-0.0071	-0.0122	-0.0240	0.1448	0.0025	-0.0014	0.1026	0.0000	7.96	56.38%	14.12	-0.0163	-0.0313	-0.0462	0.2452	0.0057	-0.0016	0.1555
Kingcobra		0.0002	6.83	57.15%	11.96	-0.0127	-0.0036	-0.0121	0.0223	0.0010	-0.0002	-0.0053	0.0040	6.84	57.20%	11.96	-0.0215	-0.0068	-0.0243	0.0471	0.0025	-0.0005	-0.0035
Kinghurst		0.0000	2.90	98.85%	2.93	-0.0025	-0.0008	-0.0025	0.0147	0.0006	-0.0001	0.0094	0.0003	2.91	99.27%	2.93	-0.0045	-0.0016	-0.0053	0.0303	0.0015	-0.0002	0.0202
Kingpin	GNA_2023_277	6.7040	[redacted]			-0.0016	-0.0361	-0.0353	0.0004	0.0013	0.0000	-0.0713	11.1224	[redacted]			-0.0031	-0.0654	-0.0645	0.0008	0.0027	0.0000	-0.1295
Kingsford	GNA_2023_88	0.0000	[redacted]			-0.0359	-0.0118	-0.0241	0.0204	0.0003	-0.0008	-0.0519	0.0006	[redacted]			-0.0632	-0.0216	-0.0437	0.0424	0.0020	-0.0015	-0.0856
Kingsley		0.0004	9.95	83.19%	11.96	-0.0157	-0.0126	-0.0246	0.0320	0.0008	-0.0006	-0.0207	0.0049	9.94	83.13%	11.96	-0.0276	-0.0234	-0.0478	0.0661	0.0021	-0.0011	-0.0317
Kingsway		0.0000	[redacted]			-0.0328	-0.0076	-0.0158	0.0145	0.0011	-0.0001	-0.0407	0.0000	[redacted]			-0.0589	-0.0140	-0.0309	0.0299	0.0028	-0.0002	-0.0713
Kingtree	GNA_2023_158	0.0005	13.37	111.78%	11.96	-0.0172	-0.0040	-0.0220	0.0148	0.0008	-0.0007	-0.0283	0.0088	13.34	111.58%	11.96	-0.0347	-0.0090	-0.0442	0.0285	0.0024	-0.0013	-0.0583
Kinmont		0.0000	[redacted]			-0.0006	-0.0101	-0.0134	0.0006	0.0002	-0.0001	-0.0234	0.0000	[redacted]			-0.0007	-0.0122	-0.0201	0.0013	0.0010	0.0000	-0.0307
Kinneloa		0.0002	10.74	90.16%	11.91	-0.0266	-0.0047	-0.0131	0.0773	0.0022	-0.0001	0.0350	0.0023	10.79	90.59%	11.91	-0.0468	-0.0090	-0.0287	0.1603	0.0039	-0.0002	0.0795
Kinsey		0.0000	[redacted]			0.0000	0.0000	-0.0014	0.0066	0.0015	-0.0010	0.0057	0.0002	[redacted]			0.0000	0.0000	-0.0025	0.0137	0.0032	-0.0013	0.0131
Kiowa		0.0002	10.32	97.66%	10.57	-0.0245	-0.0114	-0.0252	0.0100	0.0015	-0.0001	-0.0497	0.0021	10.29	97.41%	10.57	-0.0369	-0.0178	-0.0466	0.0234	0.0031	-0.0006	-0.0754
Kirby		0.0002	8.26	69.10%	11.96	-0.0239	-0.0323	-0.0254	0.0051	0.0015	-0.0002	-0.0752	0.0031	8.19	68.51%	11.96	-0.0443	-0.0603	-0.0506	0.0106	0.0025	-0.0003	-0.1424
Kit Kat		0.0003	7.99	68.06%	11.74	-0.0155	-0.0068	-0.0254	0.0805	0.0028	-0.0004	0.0352	0.0045	8.04	68.51%	11.74	-0.0276	-0.0127	-0.0453	0.1646	0.0061	-0.0008	0.0843
Klamath	GNA_2023_274	0.7180	[redacted]			-0.0056	-0.0121	-0.0093	0.0118	0.0029	0.0004	-0.0119	2.1073	[redacted]			-0.0137	-0.0263	-0.0211	0.0215	0.0046	0.0007	-0.0343
Kleven		0.0003	8.99	75.18%	11.96	-0.0304	-0.0017	-0.0093	0.0122	0.0014	-0.0001	-0.0279	0.0057	8.99	75.15%	11.96	-0.0465	-0.0027	-0.0185	0.0284	0.0034	-0.0002	-0.0361
Klingon		2.5595	[redacted]			-0.0029	-0.0122	-0.0148	0.0093	0.0004	0.0002	-0.0200	2.8587	[redacted]			-0.0063	-0.0241	-0.0284	0.0181	0.0010	0.0002	-0.0395
Kliss		0.0000	0.88	45.21%	1.95	-0.0024	0.0000	-0.0009	0.0035	0.0007	0.0000	0.0009	0.0004	0.89	45.34%	1.95	-0.0042	0.0000	-0.0018	0.0073	0.0015	0.0000	0.0028
Klusman		0.0001	2.10	77.61%	2.71	-0.0026	-0.0002	-0.0021	0.0068	0.0006	-0.0001	0.0024	0.0006	2.11	77.75%	2.71	-0.0046	-0.0004	-0.0046	0.0138	0.0015	-0.0001	0.0056
Kneeland		0.0000	1.02	95.34%	1.07	0.0000	0.0000	-0.0007	0.0060	0.0014	-0.0001	0.0066	0.0003	1.03	96.22%	1.07	-0.0006	-0.0001	-0.0016	0.0135	0.0041	-0.0003	0.0150
Knolls	GNA_2023_252	0.0444	9.59	91.92%	10.43	-0.0115	-0.0067	-0.0238	0.0141	0.0011	-0.0007	-0.0275	0.0646	9.59	91.94%	10.43	-0.0207	-0.0127	-0.0431	0.0295	0.0026	-0.0013	-0.0457
Knott		0.0000	10.42	87.17%	11.96	-0.0100	-0.0130	-0.0341	0.0584	0.0013	-0.0013	0.0013	0.0000	10.41	87.07%	11.96	-0.0233	-0.0300	-0.0643	0.1071	0.0030	-0.0023	-0.0098
Koala		0.0004	10.68	89.34%	11.96	-0.0017	0.0000	-0.0116	0.0198	0.0015	-0.0019	0.0061	0.0047	10.69	89.43%	11.96	-0.0030	0.0000	-0.0238	0.0406	0.0037	-0.0065	0.0110
Kobe		0.0000	4.11	30.03%	13.68	-0.0010	-0.0133	-0.0159	0.0053	0.0005	-0.0001	-0.0245	0.0008	4.09	29.92%	13.68	-0.0020	-0.0249	-0.0254	0.0112	0.0013	-0.0002	-0.0400
Kona		0.0857	9.90	82.82%	11.96	-0.0412	-0.0078	-0.0215	0.0034	0.0009	-0.0007	-0.0669	0.1433	9.90	82.84%	11.96	-0.0769	-0.0144	-0.0419	0.0087	0.0027	-0.0015	-0.1233
Konobie		0.0003	10.57	88.39%	11.96	-0.0164	-0.0005	-0.0109	0.0331	0.0007	-0.0001	0.0059	0.0059	10.57	88.44%	11.96	-0.0333	-0.0011	-0.0232	0.0611	0.0020	-0.0002	0.0053
Kordell	GNA_2023_309	0.0004	10.50	87.78%	11.96	-0.0081	-0.0059	-0.0189	0.0333	0.0009	-0.0006	0.0007	0.0064	10.50	87.81%	11.96	-0.0184	-0.0142	-0.0357	0.0651	0.0022	-0.0010	-0.0020
Korea	GNA_2023_197	0.0000	11.02	92.16%	11.96	-0.0195	-0.0010	-0.0097	0.0490	0.0011	0.0000	0.0199	0.0000	11.05	92.38%	11.96	-0.0368	-0.0019	-0.0213	0.1017	0.0029	0.0000	0.0446
Kornblum		0.0000	1.71	58.40%	2.93	-0.0028	-0.0014	-0.0028	0.0178	0.0014	-0.0002	0.0120	0.0000	1.73	58.90%	2.93	-0.0050	-0.0027	-0.0058	0.0364	0.0032	-0.0004	0.0257

	2025													
Facility	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Jayblue	0.0000	[redacted]			-0.0183	-0.0398	-0.0559	0.0082	0.0034	-0.0003	-0.1027	0.0000	[redacted]	
Jazz	0.0029	9.10	76.07%	11.96	-0.0435	-0.0832	-0.1045	0.1241	0.0068	-0.0003	-0.1006	0.0035	9.07	75.85%
JBsherman	0.0044	11.97	74.00%	16.18	-0.0160	-0.0088	-0.0497	0.0679	0.0036	-0.0003	-0.0033	0.0044	11.97	74.00%
Jedi	0.4858	7.19	60.11%	11.96	-0.0230	-0.0240	-0.0397	0.0212	0.0038	-0.0003	-0.0620	0.5072	7.19	60.11%
Jeep	0.0000	3.59	57.28%	6.26	0.0000	0.0000	-0.0078	0.0888	0.0145	-0.0011	0.0944	0.0000	3.63	57.97%
Jeffrey	0.0004	[redacted]			-0.0455	-0.0381	-0.1224	0.2699	0.0051	-0.0006	0.0684	0.0004	[redacted]	
Jellystone	0.0050	10.31	86.20%	11.96	-0.1069	-0.0032	-0.0381	0.0376	0.0054	-0.0008	-0.1060	0.0066	10.28	85.98%
Jenkins	0.0000	9.92	61.34%	16.18	-0.0013	-0.0052	-0.0550	0.1047	0.0194	-0.0009	0.0617	0.0000	9.89	61.15%
Jenks Lake	0.0003	0.38	21.75%	1.74	0.0000	0.0000	-0.0025	0.0067	0.0060	-0.0014	0.0088	0.0004	0.38	21.96%
Jennings	0.0086	10.26	85.83%	11.96	-0.0079	-0.0465	-0.0863	0.0915	0.0039	-0.0002	-0.0455	0.0148	10.25	85.76%
Jepson	0.0000	11.04	94.01%	11.74	-0.0555	-0.0573	-0.0937	0.1698	0.0055	0.0000	-0.0312	0.0000	11.04	94.06%
Jerome	0.0081	11.50	96.17%	11.96	-0.0286	-0.0616	-0.0971	0.1112	0.0076	-0.0054	-0.0739	0.0140	11.48	95.98%
Jerry	0.6095	6.57	54.94%	11.96	-0.0460	-0.0007	-0.0104	0.0451	0.0059	0.0000	-0.0061	1.0206	2.13	17.84%
Jerusalem	1.8217	11.11	92.89%	11.96	-0.0448	-0.0181	-0.0375	0.0591	0.0060	-0.0009	-0.0362	1.8629	11.15	93.23%
Jess	0.0062	9.66	80.78%	11.96	-0.0698	-0.0070	-0.0357	0.0550	0.0064	-0.0004	-0.0515	0.0083	9.65	80.69%
Jessie	0.3146	[redacted]			0.0000	0.0000	-0.0034	0.0099	0.0054	-0.0005	0.0114	0.3150	[redacted]	
Jessup	0.0026	2.68	91.40%	2.93	-0.0148	0.0000	-0.0081	0.0092	0.0041	0.0000	-0.0096	0.0030	2.67	91.32%
Jet Ski	0.0000	4.80	98.56%	4.87	-0.0014	-0.0025	-0.0142	0.0020	0.0010	-0.0006	-0.0157	0.0000	4.80	98.49%
Jimmy	0.0000	[redacted]			-0.0361	-0.0971	-0.1740	0.0495	0.0032	-0.0002	-0.2547	0.0000	[redacted]	
Jims	0.0000	[redacted]			-0.0149	-0.0033	-0.0177	0.0177	0.0030	-0.0003	-0.0155	0.0000	[redacted]	
Joaquin	0.9871	8.52	71.29%	11.96	-0.0091	-0.1257	-0.1584	0.0218	0.0007	-0.0029	-0.2736	0.9876	8.44	70.58%
Johanna	0.0003	1.21	50.60%	2.39	0.0000	0.0000	-0.0029	0.0301	0.0068	-0.0004	0.0336	0.0003	1.22	51.08%
Johnboy	0.0023	[redacted]			-0.0350	-0.0617	-0.1135	0.1196	0.0039	-0.0009	-0.0876	0.0066	[redacted]	
Johnsondale	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Jojo	0.0000	[redacted]			-0.0072	-0.0493	-0.0673	0.0268	0.0025	-0.0045	-0.0990	0.0000	[redacted]	
Jonagold	5.3163	10.79	90.23%	11.96	-0.0865	-0.0052	-0.0380	0.0308	0.0082	-0.0003	-0.0910	6.7006	7.69	64.30%
Jones	0.0000	1.58	56.29%	2.80	-0.0064	-0.0075	-0.0099	0.0581	0.0023	-0.0002	0.0364	0.0000	1.61	57.34%
Joplin	0.0065	8.70	72.75%	11.96	-0.0192	-0.0111	-0.0717	0.1735	0.0075	-0.0079	0.0711	0.0110	8.72	72.97%
Jordan	0.0011	3.13	71.88%	4.35	-0.0269	-0.0023	-0.0166	0.1547	0.0086	-0.0167	0.1008	0.0015	3.16	72.66%
Josard	0.0009	10.26	63.45%	16.18	-0.0439	-0.0171	-0.0542	0.2388	0.0094	-0.0011	0.1319	0.0012	10.31	63.75%
Joshua	0.0059	9.61	80.34%	11.96	-0.0242	-0.0390	-0.0670	0.0141	0.0029	-0.0027	-0.1159	0.0099	9.57	80.03%
Josie	0.0008	2.63	89.72%	2.93	-0.0162	-0.0005	-0.0081	0.0693	0.0034	-0.0003	0.0476	0.0010	2.64	90.25%
Joslyn	1.1772	9.88	82.96%	11.91	-0.0062	-0.0988	-0.1226	0.2157	0.0028	-0.0004	-0.0095	1.1772	9.98	83.78%
Josten	2.5004	[redacted]			-0.0179	-0.0165	-0.0501	0.0265	0.0041	-0.0016	-0.0555	2.5009	[redacted]	
Jot	0.0103	8.79	73.55%	11.96	-0.0133	-0.0187	-0.0468	0.0388	0.0037	-0.0025	-0.0388	0.0179	8.79	73.54%
Joy	0.0000	0.88	43.47%	2.02	-0.0050	-0.0018	-0.0031	0.0093	0.0008	0.0000	0.0002	0.0000	0.00	0.00%
Joyce	0.0000	2.63	89.85%	2.93	-0.0051	-0.0021	-0.0096	0.0379	0.0026	-0.0006	0.0231	0.0000	2.64	90.11%
Juarez	0.0028	9.24	77.27%	11.96	-0.0206	-0.0314	-0.0685	0.1067	0.0055	-0.0032	-0.0115	0.0032	10.05	84.03%
Jubilee	0.0000	[redacted]			-0.0168	-0.0057	-0.0446	0.0873	0.0098	-0.0061	0.0239	0.0000	[redacted]	
Judah	0.0009	2.00	68.33%	2.93	-0.0104	-0.0009	-0.0090	0.0588	0.0059	0.0000	0.0444	0.0015	2.02	68.80%
Judge	1.3948	8.95	85.72%	10.43	-0.0189	-0.0356	-0.0576	0.0516	0.0030	-0.0030	-0.0605	1.3956	8.92	85.51%
Judson	0.0054	10.26	97.12%	10.57	-0.0452	-0.0191	-0.0417	0.0478	0.0047	-0.0003	-0.0538	0.0074	10.26	97.09%
Judy	0.5391	[redacted]			-0.0300	-0.0202	-0.0271	0.0167	0.0021	-0.0011	-0.0596	0.5474	[redacted]	
Julep	0.3208	9.95	83.20%	11.96	-0.0128	-0.0118	-0.0347	0.0921	0.0044	-0.0019	0.0353	0.3220	9.96	83.30%
Julius	0.0130	15.82	97.82%	16.18	-0.0210	-0.0244	-0.0602	0.1475	0.0047	-0.0069	0.0397	0.0154	15.84	97.95%
Juneau	0.0007	1.41	59.23%	2.39	-0.0010	0.0000	-0.0028	0.0356	0.0122	0.0002	0.0442	0.0013	1.43	60.00%
Junior	0.0000	10.76	89.97%	11.96	-0.0273	-0.0340	-0.0627	0.1068	0.0054	-0.0015	-0.0133	0.0000	10.75	89.94%
Jupiter	0.0000	2.34	86.85%	2.69	-0.0134	-0.0017	-0.0095	0.0641	0.0050	0.0000	0.0445	0.0000	2.35	87.37%
Jurupa	0.0021	9.01	75.38%	11.96	-0.0416	-0.0097	-0.0380	0.0703	0.0052	-0.0006	-0.0144	0.0029	9.01	75.36%
Jury	0.0000	9.59	80.19%	11.96	-0.0560	-0.0276	-0.0414	0.0739	0.0070	-0.0014	-0.0455	0.0000	9.57	80.04%
Justice	0.0019	[redacted]			-0.0098	-0.0588	-0.0894	0.0165	0.0017	-0.0009	-0.1407	0.0019	[redacted]	
Kadice	0.0165	10.87	90.88%	11.96	-0.0592	-0.0127	-0.0484	0.0458	0.0070	-0.0032	-0.0707	0.0232	10.86	90.86%
Kadota	0.0102	11.82	98.88%	11.96	-0.0236	-0.0274	-0.0685	0.1356	0.0069	-0.0063	0.0167	3.1514	5.63	47.10%
Kahlua	0.3963	8.88	74.25%	11.96	-0.0637	-0.0310	-0.0510	0.1556	0.0041	-0.0030	0.0110	0.3963	8.88	74.27%
Kaiser	0.7664	[redacted]			-0.0487	-0.0193	-0.0618	0.1776	0.0050	-0.0009	0.0519	0.7664	[redacted]	
Kalisher	0.0108	[redacted]			-0.0306	-0.0437	-0.0750	0.1136	0.0042	-0.0010	-0.0325	0.0181	[redacted]	
Kalmia	0.0020	6.27	38.79%	16.18	-0.0029	-0.0080	-0.0774	0.1132	0.0117	-0.0053	0.0313	0.0027	6.30	38.91%
Kanan	0.0099	14.03	86.73%	16.18	-0.0394	-0.0126	-0.0496	0.2765	0.0044	-0.0009	0.1784	0.0171	14.10	87.16%
Kansas	0.0000	2.71	95.38%	2.84	0.0000	0.0000	-0.0077	0.1303	0.0131	-0.0028	0.1329	0.0000	2.75	96.95%
Kappa	1.4313	7.21	71.28%	10.11	-0.0052	-0.0273	-0.0609	0.0482	0.0030	-0.0007	-0.0429	1.4313	7.20	71.25%
Karen	1.9280	10.52	87.97%	11.96	-0.0191	-0.0111	-0.0481	0.1516	0.0066	-0.0047	0.0752	1.9280	10.55	88.24%
Kasota	0.0764	[redacted]			-0.0307	-0.0399	-0.0954	0.0383	0.0038	-0.0044	-0.1283	0.0798	[redacted]	
Katella	0.9564	9.45	79.02%	11.96	-0.0229	-0.0654	-0.0977	0.1086	0.0037	-0.0011	-0.0748	0.9568	9.44	78.93%
Kathleen	0.0022	[redacted]			-0.0139	-0.0385	-0.0645	0.0496	0.0039	0.0001	-0.0633	0.0025	[redacted]	
Kauffman	0.0010	1.80	75.46%	2.39	-0.0006	-0.0003	-0.0052	0.0398	0.0031	-0.0006	0.0362	0.0012	1.81	75.97%
Kay	1.0243	13.89	85.88%	16.18	-0.0263	-0.0777	-0.0959	0.1072	0.0063	-0.0043	-0.0907	1.0243	13.86	85.68%
Keats	0.0004	[redacted]			0.0000	0.0000	-0.0015	0.0539	0.0114	-0.0008	0.0630	0.0014	[redacted]	
Keefer	0.0072	8.13	71.37%	11.39	-0.0253	-0.0016	-0.0215	0.0527	0.0032	-0.0002	0.0073	0.0123	8.14	71.47%
Keel	0.0000	[redacted]			0.0000	0.0000	-0.0268	0.0416	0.0059	-0.0003	0.0204	0.0000	[redacted]	
Keeline	0.0013	[redacted]			-0.0168	-0.0489	-0.0898	0.0626	0.0020	-0.0041	-0.0950	0.1811	[redacted]	
Keever	0.0007	2.62	89.30%	2.93	-0.0092	-0.0029	-0.0137	0.0583	0.0030	-0.0003	0.0352	0.0013	2.63	89.74%
Keim	0.0003	2.36	80.45%	2.93	-0.0025	0.0000	-0.0070	0.0222	0.0033	-0.0007	0.0153	0.0006	2.36	80.64%
Kelber	0.0024	9.39	78.54%	11.96	-0.0010	-0.0135	-0.0358	0.0189	0.0100	-0.0002	-0.0216	0.0024	9.38	78.48%
Keller	0.6601	9.98	83.43%	11.96	-0.1023	-0.0011	-0.0232	0.0960	0.0056	-0.0002	-0.0252	0.7099	10.03	83.92%
Kelsey	0.0022	9.94	83.16%	11.96	-0.0621	-0.0247	-0.0661	0.1249	0.0048	-0.0006	-0.0238	0.0040	9.93	83.07%
Kelvin	1.4157	7.39	61.83%	11.96	-0.0003	-0.0009	-0.0531	0.0283	0.0069	-0.0010	-0.0201	1.4157	7.39	61.83%
Kelvinator	0.0015	[redacted]			-0.0394	-0.0760	-0.1069	0.0974	0.0058	0.0006	-0.1185	0.0020	[redacted]	
Kenbo	0.0010	1.87	85.17%	2.20	-0.0027	-0.0001	-0.0049	0.0281	0.0031	-0.0005	0.0230	0.0017	1.88	85.51%
Kendell	0.0010	1.37	57.27%	2.39	-0.0042	-0.0037	-0.0096	0.0138	0.0023	-0.0009	-0.0023	0.0018	1.37	57.38%
Kenmore	0.0000	2.39	81.69%	2.93	-0.0157	0.0000	-0.0055	0.0350	0.0025	0.0000	0.0163	0.0000	2.40	81.87%
Kennedy	0.0000	[redacted]			-0.0191	-0.0045	-0.0172	0.0269	0.0065	-0.0028	-0.0102	0.0000	[redacted]	
Kenney	0.0005	2.78	94.90%	2.93	-0.0137	0.0000	-0.0091	0.0322	0.0039	0.0000	0.0133	0.0007	2.78	95.05%
Keno	0.0088	9.19	76.89%	11.96	-0.2064	-0.0055	-0.0497	0.0719	0.0073	0.0000	-0.1824	0.0150	9.13	76.40%
Kenoak	0.0001	1.97	70.23%	2.80	-0.0055	-0.0030	-0.0069	0.0156	0.0020	0.0000	0.0022	0.0031	1.97	70.39%
Kentucky	2.3607	9.83	82.24%	11.96	-0.0129	-0.0185	-0.0524	0.0536	0.0034	-0.0002	-0.0270	2.5452	9.39	78.51%
Kenwood	0.0000	9.73	60.15%	16.18	-0.0186	-0.0642	-0.0900	0.1190	0.0088	-0.0037	-0.0487	0.0000	9.72	60.08%
Kenworth	1.0044	[redacted]			-0.1322	-0.0291	-0.0585	0.0863	0.0035	-0.0028	-0.1328	1.0105	[redacted]	
Kenyon	0.0072	8.70	72.79%	11.96	-0.0118	-0.0219	-0.0575	0.0812	0.0050	-0.0008	-0.0058	0.0121	8.69	72.72%
Kermit	0.0000	9.60	80.30%	11.96	-0.0417	-0.0063	-0.0369	0.1488	0.0046	-0.0005	0.0680	0.0000	9.62	80.45%
Kern	0.3833	[redacted]			-0.0647	-0.0322	-0.0393	0.0328	0.0075	-0.0002	-0.0961	0.4205	[redacted]	
Kernan	2.0693	13.23	93.68%	14.12	-0.0130	-0.0689	-0.0985	0.2871	0.0027	-0.0003	0.1091	2.0693	13.23	93.74%
Kerry	0.0068	8.97	75.01%	11.96	-0.0163	-0.0118	-0.0523	0.0479	0.0063	-0.0057	-0.0319	0.0742	9.03	75.55%
Kessler	0.0000	[redacted]			-0.0040	-0.0426	-0.1187	0.0273	0.0035	-0.0003	-0.1348	0.0000	[redacted]	
Ketch	0.0082	[redacted]			-0.0472	-0.0530	-0.0778	0.1414	0.0030	-0.0007	-0.0343	0.0524	[redacted]	
Kewamee	0.0051	11.06	92.54%	11.96	-0.0534	-0.0196	-0.0815	0.3752	0.0055	-0.0012	0.2250	0.0066	11.16	93.36%
Kewen	0.0000	1.89	69.84%	2.71	-0.0030	-0.0047	-0.0079	0.0306	0.0026	-0.0009	0.0167	0.0000	1.90	70.15%
Keystone	0.0002	2.71	96.75%	2.80	-0.0009	-0.0003	-0.0137	0.0712	0.0050	-0.0021	0.0592	0.0003	2.72	97.25%
Kick	0.0007	6.83	57.15%	11.96	-0.0124	-0.0231	-0.0625	0.0844	0.0049	-0.0022	-0.0109	0.0008	6.83	57.13%
Kickapoo Trail	0.0036	8.76	82.95%	10.57	-0.1086	-0.0400	-0.0613	0.0398	0.0045	-0.0072	-0.1728	0.0061	8.71	82.46%
Kidd	0.0049	8.18	78.41%	10.43	-0.0056	-0.0295	-0.0435	0.0125	0.0038	0.0000	-0.0623	0.0084	8.16	78.24%
Kieway	0.0033	9.83	60.76%	16.18	-0.0153	-0.0575	-0.0798	0.0488	0.0027	-0.0007	-0.1018	0.0157	9.81	60.62%
Kilkenny	0.0000	11.15	93.28%	11.96	-0.0369	-0.0204	-0.0495	0.1122	0.0040	-0.0012	0.0082	0.0000	11.16	93.30%
Killdee	0.0007	2.89	98.51%	2.93	-0.0157	-0.0019	-0.0130	0.0461	0.0033	-0.0009	0.0179	0.0009	2.89	98.81%
Kilroy	0.0022	7.90	70.17%	11.26	-0.0176	-0.0381	-0.0547	0.0430	0.0038	-0.0039	-0.0675	0.0025	7.88	69.95%
Kilts	0.0104	10.66	89.19%	11.96	-0.0411	-0.0134	-0.0499	0.1052	0.0063	-0.0003	0.0068	0.0176	10.68	89.33%
Kimdale	0.0001	11.22	93.87%	11.96	-0.2421	-0.0188	-0.0491	0.1034	0.0050	-0.0004	-0.2020	0.0001	11.16	93.34%
King	0.0000	8.03	56.86%	14.12	-0.0260	-0.0502	-0.0738	0.3636	0.0078	-0.0021	0.2193	0.0000	8.09	57.28%
Kingcobra	0.0058	8.04	67.22%	11.96	-0.0308	-0.0102	-0.0357	0.0678	0.0047	-0.0008	-0.0050	0.0590	8.09	67.69%
Kinghurst	0.0004	2.92	99.67%	2.93	-0.0067	-0.0024	-0.0082	0.0455	0.0029	-0.0003	0.0308	0.0007	2.48	84.82%
Kingpin	11.1225	[redacted]			-0.0046	-0.0970	-0.0925	0.0012	0.0043	0.0000	-0.1886	11.1225	[redacted]	
Kingsford	0.0009	[redacted]			-0.0930	-0.0322	-0.0626	0.0643	0.0043	-0.0022	-0.1214	0.0016	[redacted]	
Kingsley	0.0068	9.93	83.02%	11.96	-0.0410	-0.0350	-0.0710	0.0992	0.0041	-0.0016	-0.0453	0.0099	9.91	82.91%
Kingsway	0.0000	[redacted]			-0.0860	-0.0209	-0.0459	0.0448	0.0053	-0.0003	-0.1030	0.0000	[redacted]	
Kingtree	0.0127	11.05	92.41%	11.96	-0.0538	-0.0143	-0.0660	0.0429	0.0044	-0.0018	-0.0886	0.0218	11.03	92.23%
Kinmont	0.0000	[redacted]			-0.0008	-0.0144	-0.0267	0.0020	0.0017	0.0002	-0.0380	0.0095	[redacted]	
Kinneloa	0.0030	10.84	90.96%	11.91	-0.0703	-0.0136	-0.0442	0.2419	0.0062	-0.0003	0.1197	0.0037	10.87	91.29%
Kinsey	0.0002	[redacted]			0.0000	0.0000	-0.0036	0.0209	0.0051	-0.0016	0.0208	0.0002	[redacted]	
Kiowa	0.0029	10.25	97.03%	10.57	-0.0581	-0.0284	-0.0672	0.0352	0.0058	-0.0006	-0.1133	0.0039	10.21	96.63%
Kirby	0.0043	8.12	67.89%	11.96	-0.0651	-0.0903	-0.0752	0.0160	0.0036	-0.0005	-0.2115	0.0073	8.05	67.30%
Kit Kat	0.0065	8.09	68.90%	11.74	-0.0420	-0.0191	-0.0657	0.2445	0.0111	-0.0012	0.1276	0.0114	8.13	69.27%
Klamath	3.4496	[redacted]			-0.0216	-0.0416	-0.0330	0.0313	0.0065	0.0009	-0.0575	3.8367	[redacted]	
Kleven	0.0083	8.98	75.10%	11.96	-0.0624	-0.0037	-0.0273	0.0438	0.0060	-0.0003	-0.0439	0.0143	8.98	75.10%
Klingon	3.0471	[redacted]			-0.0099	-0.0369	-0.0428	0.0274	0.0015	0.0002	-0.0605	3.5128	[redacted]	
Kliss	0.0006	0.89	45.44%	1.95	-0.0064	0.0000	-0.0027	0.0110	0.0028	0.0000	0.0047	0.0010	0.89	45.58%
Klusman	0.0008	2.11	77.89%	2.71	-0.0068	-0.0006	-0.0072	0.0204	0.0030	-0.0001	0.0087	0.0038	2.12	78.19%
Kneeland	0.0004	1.04	96.92%	1.07	-0.0006	-0.0001	-0.0023	0.0196	0.0056	-0.0004	0.0218	0.0007	1.04	97.84%
Knolls	0.0876	9.60	92.00%	10.43	-0.0306	-0.0191	-0.0611	0.0448	0.0043	-0.0019	-0.0636	0.1057	9.60	92.00%
Knott	0.0006	10.42	87.14%	11.96	-0.0327	-0.0421	-0.0948	0.1647	0.0065	-0.0035	-0.0019	0.0020	10.41	87.03%
Koala	0.0063	9.92	82.93%	11.96	-0.0045	0.0000	-0.0361	0.0608	0.0070	-0.0113	0.0159	0.0630	9.98	83.49%
Kobe	0.0010	4.08	29.80%	13.68	-0.0030	-0.0373	-0.0345	0.0172	0.0021	-0.0004	-0.0559	0.0011	4.06	29.68%
Kona	0.1712	9.87	82.59%	11.96	-0.1138	-0.0215	-0.0619	0.0160	0.0050	-0.0022	-0.1784	0.2061	9.86	82.43%
Konobie	0.0086	10.57	88.44%	11.96	-0.0516	-0.0017	-0.0354	0.0887	0.0036	-0.0002	0.0034	0.0150	10.58	88.47%
Kordell	0.0093	10.50	87.79%	11.96	-0.0302	-0.0231	-0.0523	0.0953	0.0038	-0.0014	-0.0079	0.0161	10.50	87.86%
Korea	0.0000	11.07	92.60%	11.96	-0.0549	-0.0028	-0.0332	0.1538	0.0057	0.0000	0.0686	0.0000	9.45	79.01%
Kornblum	0.0000	1.74	59.30%	2.93	-0.0075	-0.0041	-0.0095	0.0541	0.0047	-0.0006	0.0371	0.0000	1.75	59.67%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0252	-0.0543	-0.0713	0.0105	0.0058	-0.0004	-0.1349	0.0000	[redacted]			-0.0329	-0.0697	-0.0842	0.0128	0.0080	-0.0005	-0.1665	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0571	-0.1110	-0.1342	0.1650	0.0108	-0.0001	-0.1266	0.0048	9.04	75.63%	11.96	-0.0700	-0.1403	-0.1620	0.2055	0.0140	0.0002	-0.1526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0211	-0.0119	-0.0645	0.0879	0.0060	-0.0004	-0.0040	0.0044	11.97	73.99%	16.18	-0.0264	-0.0151	-0.0789	0.1059	0.0088	-0.0005	-0.0062	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0300	-0.0324	-0.0538	0.0278	0.0054	-0.0004	-0.0834	0.5072	7.17	59.93%	11.96	-0.0374	-0.0411	-0.0653	0.0340	0.0078	-0.0005	-0.1025	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	0.0000	0.0000	-0.0100	0.1252	0.0203	-0.0013	0.1342	0.0000	3.67	58.64%	6.26	0.0000	0.0000	-0.0121	0.1601	0.0261	-0.0015	0.1726	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0626	-0.0514	-0.1607	0.3487	0.0091	-0.0008	0.0823	0.0004	[redacted]			-0.0703	-0.0572	-0.1953	0.4265	0.0132	-0.0033	0.1136	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1366	-0.0041	-0.0498	0.0495	0.0093	-0.0010	-0.1327	0.0107	10.25	85.76%	11.96	-0.1679	-0.0051	-0.0613	0.0603	0.0142	-0.0012	-0.1610	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0072	-0.0294	-0.0881	0.1374	0.0217	-0.0013	0.0331	0.0000	12.23	75.61%	16.18	-0.0077	-0.0313	-0.1000	0.1719	0.0246	-0.0017	0.0558	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.74	0.0000	0.0000	-0.0032	0.0086	0.0083	-0.0017	0.0120	0.0009	0.39	22.20%	1.74	0.0000	0.0000	-0.0039	0.0103	0.0111	-0.0020	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0105	-0.0632	-0.1106	0.1190	0.0059	-0.0003	-0.0597	0.0306	10.26	85.79%	11.96	-0.0129	-0.0807	-0.1323	0.1459	0.0079	-0.0004	-0.0725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0751	-0.0760	-0.1213	0.2371	0.0094	-0.0001	-0.0260	0.0000	11.04	94.06%	11.74	-0.0978	-0.0958	-0.1478	0.3010	0.0145	-0.0002	-0.0261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0390	-0.0831	-0.1259	0.1436	0.0111	-0.0071	-0.1004	0.0288	11.42	95.49%	11.96	-0.0609	-0.1272	-0.1547	0.1662	0.0147	-0.0076	-0.1695	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0601	-0.0010	-0.0136	0.0582	0.0086	0.0000	-0.0079	3.4608	4.81	40.26%	11.96	-0.0669	-0.0011	-0.0168	0.0711	0.0124	-0.0010	-0.0023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0557	-0.0235	-0.0497	0.0784	0.0111	-0.0012	-0.0406	1.8674	11.15	93.24%	11.96	-0.0659	-0.0291	-0.0608	0.0960	0.0165	-0.0015	-0.0448	0.00	0.00	0.00	0.04	0.04	0.00%	0.00%	0.00%	0.33%	0.33%
11.96	-0.0908	-0.0091	-0.0465	0.0742	0.0096	-0.0006	-0.0632	0.0134	9.62	80.49%	11.96	-0.1271	-0.0125	-0.0573	0.0939	0.0136	-0.0005	-0.0899	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0044	0.0128	0.0071	-0.0007	0.0148	0.3161	[redacted]			0.0000	0.0000	-0.0050	0.0154	0.0106	-0.0008	0.0202	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0202	0.0000	-0.0108	0.0119	0.0069	0.0000	-0.0122	0.0037	2.67	91.24%	2.93	-0.0263	0.0000	-0.0134	0.0143	0.0104	0.0000	-0.0150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.87	-0.0018	-0.0034	-0.0175	0.0026	0.0017	-0.0008	-0.0192	0.0000	4.79	98.41%	4.87	-0.0025	-0.0043	-0.0206	0.0031	0.0025	-0.0010	-0.0228	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0497	-0.1310	-0.2257	0.0656	0.0048	-0.0002	-0.3362	0.0000	[redacted]			-0.0654	-0.1668	-0.2685	0.0813	0.0083	-0.0002	-0.4113	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0204	-0.0044	-0.0232	0.0228	0.0052	-0.0004	-0.0204	0.0000	[redacted]			-0.0266	-0.0056	-0.0285	0.0274	0.0079	-0.0005	-0.0259	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0119	-0.1667	-0.2025	0.0290	0.0009	-0.0030	-0.3542	0.9894	8.36	69.88%	11.96	-0.0146	-0.2101	-0.2442	0.0361	0.0011	-0.0031	-0.4348	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0039	0.0390	0.0102	-0.0007	0.0446	0.0004	1.23	51.54%	2.39	0.0000	0.0000	-0.0048	0.0475	0.0135	-0.0011	0.0551	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0476	-0.0832	-0.1469	0.1577	0.0071	-0.0012	-0.1141	0.0177	[redacted]			-0.0607	-0.1060	-0.1763	0.1937	0.0102	-0.0015	-0.1406	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0099	-0.0693	-0.0863	0.0345	0.0040	-0.0056	-0.1326	0.0000	[redacted]			-0.0123	-0.0872	-0.1056	0.0430	0.0060	-0.0070	-0.1631	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1126	-0.0070	-0.0501	0.0397	0.0135	-0.0004	-0.1169	6.7209	7.68	64.27%	11.96	-0.1377	-0.0089	-0.0619	0.0478	0.0204	-0.0005	-0.1408	0.51	3.40	4.63	0.48	0.48	4.25%	28.33%	38.58%	4.18%	4.18%
2.80	-0.0064	-0.0075	-0.0114	0.0838	0.0069	-0.0010	0.0644	0.0000	1.63	58.32%	2.80	-0.0064	-0.0075	-0.0129	0.1076	0.0113	-0.0018	0.0903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0263	-0.0150	-0.0927	0.2232	0.0130	-0.0108	0.0914	0.0218	8.74	73.09%	11.96	-0.0450	-0.0248	-0.1087	0.2635	0.0204	-0.0114	0.0940	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.35	-0.0357	-0.0031	-0.0214	0.1992	0.0131	-0.0207	0.1314	0.0024	3.19	73.38%	4.35	-0.0442	-0.0039	-0.0256	0.2387	0.0186	-0.0250	0.1586	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0599	-0.0230	-0.0704	0.3160	0.0152	-0.0014	0.1765	0.0017	10.36	64.03%	16.18	-0.0777	-0.0291	-0.0854	0.3891	0.0226	-0.0015	0.2180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0326	-0.0532	-0.0863	0.0184	0.0046	-0.0039	-0.1530	0.0196	9.54	79.78%	11.96	-0.0415	-0.0680	-0.1054	0.0226	0.0069	-0.0051	-0.1905	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0223	-0.0007	-0.0106	0.0895	0.0057	-0.0004	0.0612	0.0014	2.66	90.69%	2.93	-0.0294	-0.0009	-0.0129	0.1078	0.0086	-0.0004	0.0728	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0067	-0.1081	-0.1600	0.3558	0.0048	-0.0013	0.0845	1.1772	10.13	85.06%	11.91	-0.0072	-0.1179	-0.1949	0.5476	0.0070	-0.0022	0.2324	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0241	-0.0223	-0.0655	0.0343	0.0071	-0.0021	-0.0726	2.5020	[redacted]			-0.0308	-0.0284	-0.0791	0.0413	0.0099	-0.0026	-0.0897	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0176	-0.0252	-0.0605	0.0529	0.0062	-0.0033	-0.0475	0.0371	8.80	73.63%	11.96	-0.0221	-0.0320	-0.0738	0.0665	0.0094	-0.0041	-0.0561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0070	-0.0028	-0.0126	0.0489	0.0043	-0.0008	0.0300	0.0000	2.65	90.34%	2.93	-0.0092	-0.0035	-0.0157	0.0589	0.0066	-0.0010	0.0361	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0273	-0.0424	-0.0869	0.1378	0.0089	-0.0043	-0.0142	0.0032	10.04	83.99%	11.96	-0.0338	-0.0539	-0.1040	0.1659	0.0133	-0.0054	-0.0179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0316	-0.0114	-0.0580	0.1098	0.0153	-0.0074	0.0167	0.0000	[redacted]			-0.0458	-0.0174	-0.0714	0.1301	0.0228	-0.0087	0.0096	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0142	-0.0012	-0.0122	0.0760	0.0087	0.0000	0.0571	0.0030	2.03	69.22%	2.93	-0.0185	-0.0016	-0.0153	0.0915	0.0114	0.0000	0.0675	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0262	-0.0480	-0.0759	0.0663	0.0054	-0.0039	-0.0823	1.3973	8.90	85.31%	10.43	-0.0347	-0.0610	-0.0930	0.0824	0.0078	-0.0048	-0.1033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0544	-0.0233	-0.0545	0.0651	0.0088	-0.0009	-0.0592	0.0141	10.25	97.02%	10.57	-0.0698	-0.0302	-0.0648	0.0788	0.0145	-0.0010	-0.0725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0398	-0.0273	-0.0349	0.0226	0.0037	-0.0014	-0.0771	0.5474	[redacted]			-0.0499	-0.0347	-0.0424	0.0284	0.0057	-0.0018	-0.0947	3.08	3.17	3.17	3.08	3.08	[redacted]				
11.96	-0.0174	-0.0159	-0.0459	0.1190	0.0076	-0.0025	0.0449	0.3245	9.97	83.39%	11.96	-0.0224	-0.0202	-0.0563	0.1433	0.0108	-0.0031	0.0521	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0268	-0.0319	-0.0787	0.1950	0.0080	-0.0092	0.0564	0.0206	15.86	98.07%	16.18	-0.0328	-0.0397	-0.0966	0.2381	0.0120	-0.0116	0.0694	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0010	0.0000	-0.0036	0.0487	0.0166	0.0002	0.0609	0.0027	1.45	60.77%	2.39	-0.0010	0.0000	-0.0044	0.0612	0.0209	0.0002	0.0769	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0355	-0.0458	-0.0813	0.1393	0.0088	-0.0020	-0.0165	0.0000	10.76	90.01%	11.96	-0.0405	-0.0536	-0.1000	0.1740	0.0142	-0.0026	-0.0085	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.69	-0.0180	-0.0023	-0.0130	0.0837	0.0075	0.0000	0.0579	0.0000	2.37	87.87%	2.69	-0.0230	-0.0029	-0.0161	0.1022	0.0103	0.0000	0.0705	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0552	-0.0131	-0.0494	0.0917	0.0085	-0.0008	-0.0183	0.0054	9.01	75.34%	11.96	-0.0697	-0.0166	-0.0600	0.1118	0.0126	-0.0008	-0.0227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0785	-0.0374	-0.0550	0.0980	0.0122	-0.0018	-0.0625	0.0000	9.55	79.84%	11.96	-0.1057	-0.0478	-0.0675	0.1215	0.0169	-0.0022	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0128	-0.0793	-0.1152	0.0232	0.0026	-0.0012	-0.1827	0.0019	[redacted]			-0.0157	-0.1009	-0.1415	0.0297	0.0039	-0.0015	-0.2260	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0735	-0.0159	-0.0620	0.0658	0.0110	-0.0052	-0.0798	0.0394	10.87	90.92%	11.96	-0.0880	-0.0193	-0.0752	0.0847	0.0161	-0.0075	-0.0892	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0311	-0.0370	-0.0885	0.1751	0.0110	-0.0084	0.0211	3.2832	5.78	48.30%	11.96	-0.0387	-0.0470	-0.1082	0.2108	0.0163	-0.0105	0.0227	0.00	0.00	0.00	1.50	1.65	0.00%	0.00%	0.00%	12.50%	13.74%
11.96	-0.0863	-0.0419	-0.0659	0.2039	0.0069	-0.0039	0.0128	0.3963	8.88	74.25%	11.96	-0.1104	-0.0532	-0.0804	0.2493	0.0103	-0.0048	0.0108	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0657	-0.0261	-0.0802	0.2290	0.0081	-0.0012	0.0639	0.7664	[redacted]			-0.0844	-0.0332	-0.0980	0.2753	0.0123	-0.0015	0.0705	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0421	-0.0590	-0.0968	0.1487	0.0069	-0.0013	-0.0436	0.0368	[redacted]			-0.0514	-0.0703	-0.1196	0.1860	0.0115	-0.0024	-0.0462	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0029	-0.0080	-0.0968	0.1443	0.0207	-0.0063	0.0510	0.0040	6.32	39.07%	16.18	-0.0029	-0.0080	-0.1148	0.1761	0.0309	-0.0073	0.0740	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0524	-0.0170	-0.0648	0.3624	0.0077	-0.0012	0.2347	0.0347	14.18	87.64%	16.18	-0.0655	-0.0216	-0.0794	0.4432	0.0122	-0.0015	0.2874	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	0.0000	0.0000	-0.0100	0.1699	0.0191	-0.0038	0.1752	0.0000	2.82	99.28%	2.84	0.0000	0.0000	-0.0117	0.2301	0.0233	-0.0038	0.2379	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.11	-0.0058	-0.0306	-0.0786	0.0651	0.0050	-0.0012	-0.0461	1.4314	7.20	71.20%	10.11	-0.0064	-0.0341	-0.0963	0.0801	0.0074	-0.0017	-0.0510	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0232	-0.0137	-0.0616	0.1973	0.0124	-0.0067	0.1045	1.9280	10.58	88.47%	11.96	-0.0273	-0.0164	-0.0748	0.2379	0.0194	-0.0089	0.1299	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0412	-0.0538	-0.1216	0.0499	0.0063	-0.0058	-0.1662	0.0834	[redacted]			-0.0590	-0.0763	-0.1480	0.0602	0.0090	-0.0075	-0.2216	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0276	-0.0797	-0.1255	0.1439	0.0071	-0.0030	-0.0848	0.9576	9.43	78.91%	11.96	-0.0322	-0.0947	-0.1477	0.1774	0.0126	-0.0041	-0.0887	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0190	-0.0521	-0.0852	0.0656	0.0057	0.0001	-0.0849	0.0031	[redacted]			-0.0246	-0.0665	-0.1055	0.0813	0.0077	0.0001	-0.1075	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0008	-0.0004	-0.0069	0.0512	0.0051	-0.0008	0.0474	0.0017	1.83	76.46%	2.39	-0.0010	-0.0006	-0.0085	0.0613	0.0071	-0.0010	0.0573	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0362	-0.1049	-0.1235	0.1403	0.0099	-0.0047	-0.1191	1.0243	13.83	85.48%	16.18	-0.0475	-0.1333	-0.1496	0.1714	0.0146	-0.0053	-0.1497	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0019	0.0763	0.0149	-0.0009	0.0884	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.39	-0.0317	-0.0021	-0.0287	0.0702	0.0053	-0.0003	0.0127	0.0252	8.16	71.64%	11.39	-0.0382	-0.0026	-0.0356	0.0860	0.0080	-0.0004	0.0172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0334	0.0607	0.0060	-0.0002	0.0331	0.0000	[redacted]			0.0000	0.0000	-0.0387	0.0765	0.0060	-0.0002	0.0436	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0217	-0.0634	-0.1167	0.0824	0.0035	-0.0056	-0.1215	0.9665	[redacted]			-0.0292	-0.0862	-0.1453	0.0986	0.0055	-0.0068	-0.1634	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0121	-0.0039	-0.0183	0.0762	0.0055	-0.0004	0.0470	0.0027	2.64	90.19%	2.93	-0.0149	-0.0049	-0.0225	0.0930	0.0079	-0.0005	0.0581	1.10	1.20	1.20	1.20	1.30	55.00%	60.00%	60.00%	60.00%	65.00%
2.93	-0.0035	0.0000	-0.0094	0.0285	0.0054	-0.0010	0.0200	0.0016	2.37	80.82%	2.93	-0.0047	0.0000	-0.0116	0.0341	0.0076	-0.0014	0.0240	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0013	-0.0183	-0.0467	0.0252	0.0128	0.0000	-0.0283	0.0024	9.38	78.45%	11.96	-0.0016	-0.0233	-0.0536	0.0315	0.0149	0.0000	-0.0321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1272	-0.0014	-0.0304	0.1270	0.0097	-0.0003	-0.0226	0.7253	10.05	84.08%	11.96	-0.1510	-0.0017	-0.0374	0.1552	0.0150	-0.0004	-0.0203	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0869	-0.0333	-0.0856	0.1634	0.0079	-0.0008	-0.0353	0.0085	9.91	82.90%	11.96	-0.1188	-0.0430	-0.1046	0.1962	0.0114	-0.0009	-0.0597	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0003	-0.0009	-0.0648	0.0361	0.0109	-0.0012	-0.0202	1.4157	7.40	61.87%	11.96	-0.0003	-0.0009	-0.0747	0.0434	0.0176	-0.0014	-0.0163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0540	-0.1028	-0.1398	0.1291	0.0080	0.0008	-0.1587	0.0031	[redacted]			-0.0703	-0.1310	-0.1716	0.1604	0.0107	0.0010	-0.2008	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.20	-0.0045	-0.0002	-0.0066	0.0356	0.0051	-0.0005	0.0289	0.0034	1.89	85.85%	2.20	-0.0066	-0.0003	-0.0081	0.0424	0.0071	-0.0005	0.0340	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0047	-0.0041	-0.0124	0.0183	0.0037	-0.0014	-0.0006	0.0037	1.37	57.54%	2.39	-0.0052	-0.0046	-0.0152	0.0223	0.0056	-0.0019	0.0010	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0219	0.0000	-0.0073	0.0458	0.0044	0.0000	0.0210	0.0000	2.40	81.99%	2.93	-0.0292	0.0000	-0.0091	0.0559	0.0068	0.0000	0.0244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0215	-0.0051	-0.0223	0.0368	0.0113	-0.0041	-0.0049	0.0000	[redacted]			-0.0241	-0.0058	-0.0267	0.0455	0.0174	-0.0054	0.0009	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0193	0.0000	-0.0121	0.0416	0.0069	0.0000	0.0171	0.0013	2.79	95.15%	2.93	-0.0260	0.0000	-0.0149	0.0501	0.0099	0.0000	0.0191	1.70	1.70	1.70	1.70	1.70	130.77%	130.77%	130.77%	130.77%	130.77%
11.96	-0.2762	-0.0075	-0.0652	0.0958	0.0112	0.0000	-0.2419	0.0305	9.08	75.98%	11.96	-0.3506	-0.0096	-0.0769	0.1175	0.0164	0.0000	-0.3032	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0074	-0.0040	-0.0090	0.0204	0.0033	0.0000	0.0033	0.0162	1.99	70.95%	2.80	-0.0094	-0.0051	-0.0110	0.0249	0.0051	0.0000	0.0045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0240	-0.0677	0.0704	0.0059	-0.0003	-0.0322	2.5457	9.38	78.45%	11.96	-0.0200	-0.0298	-0.0829	0.0855	0.0092	-0.0004	-0.0384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0239	-0.0810	-0.1189	0.1532	0.0161	-0.0051	-0.0596	0.0000	9.71	60.01%	16.18	-0.0302	-0.0993	-0.1458	0.1876	0.0234	-0.0065	-0.0708	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1748	-0.0393	-0.0761	0.1131	0.0064	-0.0036	-0.1743	1.0259	[redacted]			-0.2183	-0.0499	-0.0933	0.1383	0.0099	-0.0044	-0.2177	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0175	-0.0340	-0.0745	0.1010	0.0077	-0.0010	-0.0183	0.0243	8.70	72.80%	11.96	-0.0210	-0.0419	-0.0916	0.1222	0.0119	-0.0013	-0.0217	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0560	-0.0085	-0.0481	0.1907	0.0076	-0.0006	0.0851	0.0000	9.64	80.65%	11.96	-0.0715	-0.0108	-0.0590	0.2372	0.0113	-0.0007	0.1065	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0893	-0.0442	-0.0532	0.0465	0.0099	-0.0003	-0.1306	0.5057	[redacted]			-0.1168	-0.0568	-0.0643	0.0604	0.0144	-0.0003	-0.1634	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0178	-0.0929	-0.1259	0.3503	0.0042	-0.0004	0.1175	2.0693	13.29	94.14%	14.12	-0.0231	-0.1182	-0.1523	0.4604	0.0061	-0.0004	0.1725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0211	-0.0159	-0.0684	0.0620	0.0101	-0.0074	-0.0407	0.4390	9.43	78.83%	11.96	-0.0255	-0.0202	-0.0842	0.0745	0.0152	-0.0092	-0.0494	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0058	-0.0654	-0.1515	0.0413	0.0036	-0.0004	-0.1782	0.0000	[redacted]			-0.0069	-0.0812	-0.1852	0.0528	0.0036	-0.0005	-0.2174	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0643	-0.0715	-0.0997	0.1856	0.0056	-0.0008	-0.0451	0.1105	[redacted]			-0.0826	-0.0910	-0.1188	0.2272	0.0079	-0.0010	-0.0583	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0610	-0.0224	-0.1046	0.4972	0.0107	-0.0044	0.3155	0.0098	11.18	93.52%	11.96	-0.0987	-0.0371	-0.1241	0.5766	0.0173	-0.0044	0.3296	1.76	1.54	1.72	1.80	1.74	20.23%	17.11%	19.30%	20.20%	19.33%
2.71	-0.0038	-0.0059	-0.0102	0.0410	0.0044	-0.0012	0.0243	0.0001	1.91	70.46%	2.71	-0.0046	-0.0072	-0.0124	0.0504	0.0071	-0.0013	0.0320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0044	-0.0011	-0.0184	0.0912	0.0075	-0.0023	0.0725	0.0006	2.73	97.70%	2.80	-0.0081	-0.0020	-0.0229	0.1093	0.0105	-0.0025	0.0843	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0312	-0.0806	0.1089	0.0085	-0.0029	-0.0138	0.0011	6.83	57.09%	11.96	-0.0204	-0.0397	-0.0988	0.1310	0.0125	-0.0036	-0.0190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1431	-0.0540	-0.0796	0.0543	0.0080	-0.0094	-0.2238	0.0121	8.66	82.00%	10.57	-0.1780	-0.0685	-0.0977	0.0682	0.0125	-0.0117	-0.2752	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0076	-0.0401	-0.0570	0.0165	0.0054	-0.0001	-0.0829	0.0171	8.16	78.17%	10.43	-0.0095	-0.0500	-0.0686	0.0212	0.0082	0.0001	-0.0986	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0211	-0.0776	-0.1051	0.0650	0.0046	-0.0010	-0.1352	0.0651	9.82	60.73%	16.18	-0.0277	-0.0987	-0.1288	0.0817	0.0063	-0.0012	-0.1684	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0493	-0.0275	-0.0649	0.1474	0.0069	-0.0016	0.0110	0.0000	11.17	93.41%	11.96	-0.0575	-0.0322	-0.0802	0.1844	0.0107	-0.0021	0.0231	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0184	-0.0022	-0.0172	0.0596	0.0059	-0.0019	0.0258	0.0012	2.90	99.11%	2.93	-0.0216	-0.0025	-0.0210	0.0736	0.0086	-0.0031	0.0340	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.26	-0.0239	-0.0521	-0.0721	0.0554	0.0068	-0.0049	-0.0908	0.0031	7.85	69.73%	11.26	-0.0307	-0.0666	-0.0882	0.0675	0.0095	-0.0059	-0.1144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0544	-0.0181	-0.0656	0.1424	0.0107	-0.0005	0.0145	0.0357	10.71	89.55%	11.96	-0.0684	-0.0230	-0.0807	0.1772	0.0162	-0.0007	0.0206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.3163	-0.0254	-0.0639	0.1376	0.0088	-0.0006	-0.2598	0.0001	11.10	92.84%	11.96	-0.3865	-0.0323	-0.0782	0.1700	0.0134	-0.0008	-0.3144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0364	-0.0698	-0.0996	0.4726	0.0112	-0.0025	0.2755	0.0000	8.14	57.64%	14.12	-0.0478	-0.0902	-0.1248	0.5751	0.0146	-0.0030	0.3239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0405	-0.0138	-0.0457	0.0855	0.0075	-0.0011	-0.0081	0.3057	8.36	69.96%	11.96	-0.0510	-0.0175	-0.0555	0.1062	0.0114	-0.0014	-0.0078	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0082	-0.0029	-0.0106	0.0620	0.0047	-0.0005	0.0445	0.0013	2.50	85.34%	2.93	-0.0098	-0.0035	-0.0129	0.0769	0.0073	-0.0006	0.0574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0059	-0.1308	-0.1179	0.0016	0.0044	0.0000	-0.2486	11.1225	[redacted]			-0.0071	-0.1667	-0.1449	0.0020	0.0044	0.0000	-0.3123	1.63	3.06	3.00	2.93	2.87	[redacted]				
[redacted]	-0.1249	-0.0435	-0.0805	0.0848	0.0073	-0.0029	-0.1597	0.0031	[redacted]			-0.1577	-0.0554	-0.0984	0.1042	0.0115	-0.0034	-0.1992	0.20	0.17	0.13	1.72	1.70	[redacted]				
11.96	-0.0555	-0.0472	-0.0915	0.1296	0.0067	-0.0021	-0.0600	0.0172	9.90	82.82%	11.96	-0.0716	-0.0601	-0.1113	0.1582	0.0100	-0.0026	-0.0774	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1137	-0.0282	-0.0599	0.0585	0.0091	-0.0003	-0.1345	0.0000	[redacted]			-0.1480	-0.0377	-0.0728	0.0701	0.0136	-0.0003	-0.1751	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0740	-0.0198	-0.0862	0.0571	0.0076	-0.0023	-0.1176	0.0447	11.02	92.16%	11.96	-0.0957	-0.0256	-0.1059	0.0707	0.0117	-0.0028	-0.1476	0.39	0.39	0.37	0.35	0.33	3.26%	3.26%	3.09%	2.93%	2.76%
[redacted]	-0.0009	-0.0168	-0.0328	0.0027	0.0019	0.0004	-0.0455	0.0530	[redacted]			-0.0010	-0.0193	-0.0371	0.0034	0.0020	0.0004	-0.0516	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.91	-0.0964	-0.0183	-0.0589	0.3176	0.0105	-0.0002	0.1543	0.0050	10.91	91.57%	11.91	-0.1263	-0.0232	-0.0707	0.3889	0.0162	-0.0003	0.1846	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0046	0.0278	0.0069	-0.0019	0.0282	0.0002	[redacted]			0.0000	0.0000	-0.0055	0.0343	0.0087	-0.0022	0.0353	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0810	-0.0395	-0.0860	0.0467	0.0083	-0.0006	-0.1521	0.0063	10.17	96.23%	10.57	-0.1065	-0.0511	-0.1054	0.0577	0.0121	-0.0006	-0.1938	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0858	-0.1219	-0.0970	0.0211	0.0053	-0.0007	-0.2790	0.0144	7.98	66.75%	11.96	-0.1058	-0.1550	-0.1179	0.0261	0.0074	-0.0009	-0.3461	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0589	-0.0258	-0.0835	0.3160	0.0197	-0.0016	0.1659	0.0242	8.18	69.65%	11.74	-0.0790	-0.0329	-0.1000	0.3806	0.0308	-0.0020	0.1975	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0292	-0.0580	-0.0432	0.0407	0.0087	0.0011	-0.0799	4.0637	[redacted]			-0.0363	-0.0754	-0.0525	0.0500	0.0113	0.0011	-0.1018	0.00	0.30	1.30	1.33	1.38	[redacted]				
11.96	-0.0777	-0.0048	-0.0355	0.0576	0.0102	-0.0004	-0.0506	0.0295	8.99	75.18%	11.96	-0.0921	-0.0059	-0.0435	0.0701	0.0156	-0.0005	-0.0563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0128	-0.0485	-0.0543	0.0381	0.0016	0.0006	-0.0753	4.1284	[redacted]			-0.0156	-0.0607	-0.0650	0.0487	0.0016	0.0010	-0.0900	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.95	-0.0090	0.0000	-0.0033	0.0144	0.0048	0.0000	0.0069	0.0019	0.89	45.77%	1.95	-0.0121	0.0000	-0.0039	0.0176	0.0078	0.0000	0.0094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0091	-0.0008	-0.0088	0.0263	0.0054	-0.0001	0.0129	0.0162	2.14	78.87%	2.71	-0.0116	-0.0010	-0.0104	0.0316	0.0085	-0.0001	0.0170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0006	-0.0001	-0.0029	0.0253	0.0094	-0.0005	0.0306	0.0015	1.06	98.97%	1.07	-0.0006	-0.0001	-0.0035	0.0306	0.0153	-0.0006	0.0411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0410	-0.0258	-0.0782	0.0591	0.0071	-0.0025	-0.0813	0.1205	9.59	91.95%	10.43	-0.0523	-0.0327	-0.0954	0.0723	0.0104	-0.0033	-0.1010	0.65	0.65	0.67	0.65	0.61	7.28%	7.28%	7.50%	7.25%	6.79%
11.96	-0.0466	-0.0612	-0.1225	0.2082	0.0105	-0.0045	-0.0161	0.0072	10.39	86.93%	11.96	-0.0603	-0.0812	-0.1496	0.2491	0.0154	-0.0055	-0.0321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0061	0.0000	-0.0482	0.0793	0.0118	-0.0165	0.0203	0.2926	10.24	85.61%	11.96	-0.0079	0.0000	-0.0594	0.0960	0.0169	-0.0232	0.0224	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.68	-0.0040	-0.0503	-0.0432	0.0231	0.0028	-0.0005	-0.0721	0.0014	4.05	29.64%	13.68	-0.0047	-0.0599	-0.0511	0.0307	0.0064	0.0005	-0.0781	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1511	-0.0290	-0.0804	0.0245	0.0086	-0.0029	-0.2303	0.2660	9.87	82.52%	11.96	-0.1880	-0.0369	-0.0984	0.0330	0.0132	-0.0036	-0.2807	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0708	-0.0024	-0.0465	0.1143	0.0061	-0.0002	0.0005	0.0313	10.59	88.58%	11.96	-0.0913	-0.0031	-0.0572	0.1385	0.0093	-0.0002	-0.0040	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0385	-0.0289	-0.0691	0.1251	0.0070	-0.0019	-0.0063	0.0332	10.52	88.01%	11.96	-0.0480	-0.0350	-0.0847	0.1533	0.0102	-0.0024	-0.0066	4.92	1.94	1.94	1.96	1.94	57.28%	22.58%	22.58%	22.87%	22.64%
11.96	-0.0728	-0.0038	-0.0424	0.2016	0.0103	0.0000	0.0929	0.0000	9.47	79.23%	11.96	-0.0900	-0.0048	-0.0511	0.2467	0.0170	0.0000	0.1178	0.00	0.00	0.00	0.00	0.43	0.00%	0.00%	0.00%	0.00%	4.78%
2.93	-0.0102	-0.0055	-0.0128	0.0699	0.0069	-0.0008	0.0475	0.0000	1.76	59.97%	2.93	-0.0133	-0.0070	-0.0160	0.0842	0.0090	-0.0010	0.0559	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023 Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Kraft		0.0001	9.61	92.06%	10.43	-0.0402	-0.0101	-0.0180	0.0245	0.0015	-0.0005	-0.0428
Kranzer		0.2140	11.77	98.43%	11.96	-0.0097	-0.0147	-0.0296	0.0279	0.0007	-0.0003	-0.0257
Kratka		0.0153	2.26	46.37%	4.87	-0.0328	-0.0005	-0.0011	0.0037	0.0002	0.0005	-0.0300
Kristen		0.0002	6.80	56.85%	11.96	-0.0109	-0.0121	-0.0260	0.0311	0.0010	-0.0002	-0.0171
Krona	GNA_2023_294	0.0000	9.75	81.57%	11.96	-0.0103	-0.0015	-0.0119	0.0528	0.0015	-0.0017	0.0289
Kropp	GNA_2023_16	0.0005	12.58	105.24%	11.96	-0.0389	-0.0136	-0.0256	0.0379	0.0004	-0.0003	-0.0401
Krueger		0.0000	7.49	62.68%	11.96	-0.0048	-0.0014	-0.0119	0.0746	0.0010	-0.0016	0.0559
Krypton		0.7896	[redacted]			-0.0033	-0.0172	-0.0366	0.0184	0.0006	-0.0005	-0.0386
Kuehner		0.0004	13.79	85.27%	16.18	-0.0248	-0.0073	-0.0220	0.0506	0.0007	-0.0004	-0.0032
Kulberg		0.0790	11.31	94.61%	11.96	-0.0389	-0.0060	-0.0148	0.0264	0.0012	0.0000	-0.0321
Kumquat		0.0002	10.91	91.26%	11.96	-0.0091	-0.0111	-0.0197	0.0247	0.0007	-0.0002	-0.0147
Kuna		0.0003	10.48	87.62%	11.96	-0.0106	-0.0090	-0.0268	0.0782	0.0007	-0.0006	0.0319
Kwacha		0.0002	4.62	38.62%	11.96	-0.0043	-0.0147	-0.0172	0.0092	0.0002	-0.0004	-0.0272
Kwis		0.0000	8.95	74.84%	11.96	-0.0264	-0.0073	-0.0161	0.0417	0.0009	-0.0005	-0.0077
Kyte		0.0000	[redacted]			-0.0015	-0.0063	-0.0056	0.0034	0.0017	0.0004	-0.0079
La Brea		0.0000	1.37	57.35%	2.39	0.0000	0.0000	-0.0026	0.0088	0.0009	-0.0002	0.0069
La Cumbre		0.0000	1.12	65.59%	1.71	0.0000	0.0000	-0.0010	0.0198	0.0016	-0.0007	0.0197
La Grande		0.0002	10.72	89.68%	11.96	-0.0291	-0.0020	-0.0098	0.0522	0.0010	-0.0001	0.0122
La Mancha		0.0004	13.06	80.74%	16.18	-0.0240	-0.0017	-0.0122	0.0597	0.0007	-0.0002	0.0223
La Paz		0.9675	9.25	77.33%	11.96	-0.0033	-0.0202	-0.0216	0.0027	0.0002	-0.0001	-0.0423
La Peer		0.0002	6.84	42.25%	16.18	-0.0012	-0.0167	-0.0235	0.0108	0.0014	0.0000	-0.0292
La Porte		0.1295	13.03	80.53%	16.18	-0.0061	-0.0126	-0.0267	0.0473	0.0010	-0.0010	0.0019
La Posada		0.0000	2.15	73.30%	2.93	-0.0028	-0.0009	-0.0030	0.0061	0.0006	-0.0001	-0.0001
La Presa	GNA_2023_287	0.0000	2.58	92.26%	2.80	-0.0041	-0.0024	-0.0042	0.0418	0.0005	-0.0004	0.0312
La Quinta		2.7796	[redacted]			-0.0133	-0.0673	-0.0783	0.0260	0.0058	-0.0026	-0.1297
La Rica		0.0001	[redacted]			0.0000	-0.0005	-0.0033	0.0015	0.0050	0.0000	0.0027
La Salle		0.0000	7.47	62.50%	11.96	-0.0038	-0.0218	-0.0308	0.0145	0.0005	0.0001	-0.0413
La Sierra		0.0000	[redacted]			-0.0088	-0.0046	-0.0098	0.0216	0.0005	-0.0001	-0.0012
La Vaca		0.0004	[redacted]			-0.0095	-0.0139	-0.0344	0.0375	0.0005	-0.0005	-0.0203
Lab		0.1517	[redacted]			-0.0368	-0.0129	-0.0278	0.0226	0.0006	-0.0001	-0.0544
Lacresta		0.0001	3.77	61.98%	6.09	-0.0292	-0.0014	-0.0051	0.0367	0.0004	0.0000	0.0014
Ladder		0.0001	4.04	33.82%	11.96	-0.0015	-0.0111	-0.0128	0.0019	0.0005	-0.0002	-0.0232
Ladera		0.0000	1.99	68.07%	2.93	-0.0012	-0.0020	-0.0035	0.0093	0.0005	0.0001	0.0032
Lager		0.0001	[redacted]			-0.0005	-0.0104	-0.0116	0.0016	0.0002	-0.0001	-0.0208
Laird		0.4294	10.20	85.29%	11.96	-0.0043	-0.0127	-0.0213	0.0135	0.0010	-0.0006	-0.0244
Lake		0.0000	0.94	32.07%	2.93	-0.0014	-0.0001	-0.0005	0.0095	0.0005	0.0000	0.0080
Lakeland		0.0003	[redacted]			-0.0475	-0.0153	-0.0191	0.0339	0.0007	0.0001	-0.0472
Lakers		0.0001	9.13	76.40%	11.96	-0.0039	-0.0055	-0.0392	0.0480	0.0020	-0.0009	0.0005
Lakota		0.4448	[redacted]			-0.0119	-0.0085	-0.0244	0.0128	0.0009	-0.0012	-0.0323
Lamanda		0.0000	8.62	53.26%	16.18	-0.0196	-0.0020	-0.0104	0.0585	0.0009	-0.0001	0.0273
Lambda		0.0003	10.09	84.38%	11.96	-0.0071	-0.0044	-0.0148	0.0602	0.0012	-0.0007	0.0344
Lancers	GNA_2023_238	0.0925	10.01	83.73%	11.96	-0.0172	-0.0030	-0.0151	0.0306	0.0014	-0.0003	-0.0036
Landau		0.0003	9.03	75.55%	11.96	-0.0206	-0.0053	-0.0133	0.0077	0.0008	-0.0002	-0.0309
Landers		0.0002	5.70	62.93%	9.05	0.0000	0.0000	-0.0052	0.0116	0.0071	-0.0013	0.0122
Landmark		0.0000	[redacted]			-0.0165	-0.0153	-0.0416	0.0096	0.0010	0.0000	-0.0628
Lane		0.0000	1.72	58.63%	2.93	-0.0023	-0.0001	-0.0016	0.0099	0.0004	0.0000	0.0063
Langer		0.0001	9.17	56.67%	16.18	-0.0143	-0.0020	-0.0112	0.0449	0.0003	-0.0002	0.0175
Langley		0.0000	9.95	83.18%	11.96	-0.0444	-0.0198	-0.0262	0.0426	0.0012	-0.0001	-0.0467
Lantana		0.0000	[redacted]			-0.0002	-0.0002	-0.0070	0.0058	0.0008	-0.0002	-0.0010
Lanza		0.0000	[redacted]			-0.0029	-0.0061	-0.0113	0.0048	0.0007	-0.0001	-0.0149
Lapins		0.1564	6.60	55.16%	11.96	-0.0488	-0.0009	-0.0080	0.0350	0.0023	-0.0001	-0.0205
Larabee		1.0278	15.67	96.85%	16.18	-0.0011	-0.0196	-0.0594	0.0350	0.0008	-0.0013	-0.0456
Larch		0.0004	[redacted]			-0.0085	-0.1206	-0.1506	0.0310	0.0144	-0.0008	-0.2351
Laredo		0.0000	[redacted]			-0.0019	-0.0245	-0.0288	0.0158	0.0013	-0.0002	-0.0383
Lariat		0.0000	[redacted]			-0.0109	-0.0056	-0.0132	0.0096	0.0002	-0.0009	-0.0208
Larrea		0.0002	6.61	79.17%	8.35	-0.0242	-0.0103	-0.0122	0.0042	0.0006	0.0000	-0.0419
Larry		0.6525	10.09	84.41%	11.96	-0.0102	-0.0171	-0.0234	0.0176	0.0011	-0.0014	-0.0334
Larthien		0.0000	7.27	60.80%	11.96	-0.0080	-0.0153	-0.0258	0.0224	0.0004	-0.0003	-0.0266
Las Palmas		0.0000	2.43	62.18%	3.91	-0.0065	-0.0001	-0.0017	0.0030	0.0001	0.0000	-0.0052
Las Piedras		0.0241	1.73	60.93%	2.84	-0.0036	-0.0005	-0.0010	0.0016	0.0003	-0.0001	-0.0033
Las Tunas		0.0000	2.32	96.58%	2.40	-0.0013	-0.0038	-0.0063	0.0126	0.0005	-0.0006	0.0011
Lasker		0.0003	10.91	91.25%	11.96	-0.0095	-0.0005	-0.0125	0.0249	0.0011	-0.0027	0.0008
Lasky		0.0000	1.20	72.74%	1.65	-0.0003	-0.0002	-0.0012	0.0051	0.0004	0.0000	0.0038
Lassen		0.0000	0.76	27.93%	2.71	0.0000	0.0000	-0.0007	0.0094	0.0015	-0.0002	0.0100
Last		0.0003	7.56	63.26%	11.96	-0.0153	-0.0019	-0.0084	0.0241	0.0012	0.0000	-0.0003
Latchford		0.0001	7.41	85.11%	8.71	-0.0030	-0.0144	-0.0309	0.0497	0.0018	-0.0016	0.0016
Lathe		0.0001	[redacted]			-0.0041	-0.0414	-0.0737	0.0041	0.0012	-0.0001	-0.1140
Latimer		0.0004	10.41	87.03%	11.96	-0.0564	-0.0021	-0.0133	0.0096	0.0004	0.0000	-0.0618
Latin		0.0000	1.71	77.70%	2.20	-0.0015	-0.0010	-0.0026	0.0055	0.0005	-0.0003	0.0006
Laton		0.0003	9.49	79.41%	11.96	-0.0204	-0.0052	-0.0141	0.0049	0.0007	-0.0004	-0.0345
Latte		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lauda		0.0002	[redacted]			-0.0671	-0.0115	-0.0508	0.0225	0.0187	0.0002	-0.0880
Launch		0.0000	7.39	61.77%	11.96	-0.0173	-0.0063	-0.0169	0.0754	0.0010	-0.0001	0.0358
Lauro		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lauterbach		0.0180	1.33	72.59%	1.83	-0.0029	-0.0008	-0.0023	0.0026	0.0004	-0.0002	-0.0032
Lava		0.0000	[redacted]			0.0000	0.0000	-0.0004	0.0005	0.0004	0.0001	0.0006
Laver		0.0000	[redacted]			0.0000	-0.0007	-0.0198	0.0004	0.1424	0.0000	0.1223
Lawman		0.0004	[redacted]			-0.0060	-0.0056	-0.0142	0.0575	0.0018	-0.0003	0.0332
Lawrence		0.0000	[redacted]			-0.0040	-0.0074	-0.0139	0.0094	0.0004	-0.0001	-0.0156
Laws		0.0003	[redacted]			-0.0079	-0.0079	-0.0105	0.0282	0.0021	0.0001	0.0041
Lawson		0.0004	[redacted]			-0.0008	-0.0240	-0.0285	0.0037	0.0008	0.0000	-0.0488
Lazaro		0.0003	9.33	78.04%	11.96	-0.0561	-0.0023	-0.0127	0.0332	0.0014	0.0000	-0.0365
Lead	GNA_2023_164	0.0002	6.76	56.53%	11.96	-0.0086	-0.0274	-0.0301	0.0255	0.0002	-0.0005	-0.0409
Leak		0.0000	[redacted]			-0.0009	-0.0001	-0.0060	0.0044	0.0005	-0.0010	-0.0031
Lear		0.0003	6.50	54.40%	11.96	-0.0214	-0.0013	-0.0078	0.0046	0.0011	0.0000	-0.0248
Leber		0.0000	0.92	86.13%	1.07	-0.0008	-0.0004	-0.0015	0.0014	0.0004	0.0000	-0.0009
Leche		0.0000	[redacted]			-0.0135	-0.0225	-0.0253	0.0276	0.0006	-0.0005	-0.0336
Ledford	GNA_2023_228	0.0004	11.96	100.05%	11.96	-0.0207	-0.0063	-0.0183	0.0065	0.0013	0.0000	-0.0375
Lee		0.0000	1.19	40.71%	2.93	0.0000	0.0000	-0.0019	0.0065	0.0009	-0.0002	0.0053
Leetum		0.0000	[redacted]			-0.0130	-0.0202	-0.0389	0.0198	0.0007	-0.0003	-0.0519
Leffingwell		0.0001	10.60	88.68%	11.96	-0.0220	-0.0100	-0.0232	0.0405	0.0007	-0.0005	-0.0145
Lehigh		0.0000	10.66	89.17%	11.96	-0.0120	-0.0059	-0.0186	0.0349	0.0011	-0.0005	-0.0010
Leia		0.0003	9.36	78.31%	11.96	-0.0069	-0.0029	-0.0149	0.0138	0.0006	-0.0003	-0.0106
Lemon		0.0000	1.88	78.85%	2.39	0.0000	0.0000	-0.0025	0.0145	0.0015	-0.0003	0.0132
Lemonade		0.0003	10.61	88.77%	11.96	-0.0283	-0.0017	-0.0090	0.0518	0.0009	-0.0001	0.0136
Lemond		2.3535	[redacted]			-0.0179	-0.0430	-0.0315	0.0276	0.0012	-0.0011	-0.0647
Lemont		0.0002	[redacted]			-0.0010	-0.0198	-0.0285	0.0034	0.0004	0.0000	-0.0455
Lemoore		0.2360	10.29	86.08%	11.96	-0.0190	-0.0046	-0.0169	0.0081	0.0018	-0.0007	-0.0313
Lena		2.1522	[redacted]			-0.0078	-0.0519	-0.0496	0.0040	0.0009	0.0000	-0.1044
Leo		0.1023	10.74	89.79%	11.96	-0.0165	-0.0034	-0.0153	0.0137	0.0012	-0.0004	-0.0207
Leon		0.0101	10.89	91.11%	11.96	-0.0269	-0.0078	-0.0129	0.0225	0.0009	0.0000	-0.0242
Leona		0.0002	6.89	57.61%	11.96	-0.0123	-0.0005	-0.0074	0.0190	0.0008	-0.0001	-0.0005
Leonard		0.0000	1.24	42.47%	2.93	-0.0019	-0.0005	-0.0015	0.0039	0.0005	-0.0002	0.0003
Leopard		0.0000	10.35	86.55%	11.96	-0.0102	-0.0187	-0.0431	0.0452	0.0012	-0.0003	-0.0259
Leota		0.0000	[redacted]			-0.0018	-0.0092	-0.0113	0.0108	0.0006	0.0000	-0.0109
Lesser		0.0000	[redacted]			-0.0013	-0.0439	-0.0473	0.0120	0.0003	0.0014	-0.0788
Lester		0.0002	9.18	76.78%	11.96	-0.0182	-0.0039	-0.0112	0.0294	0.0014	-0.0002	-0.0027
Lettuce		5.6359	[redacted]			-0.0142	-0.0098	-0.0100	0.0021	0.0007	-0.0003	-0.0315
Leveche		0.0002	6.50	62.29%	10.43	-0.0063	-0.0086	-0.0190	0.0069	0.0003	-0.0006	-0.0273
Level		0.0000	11.21	93.79%	11.96	-0.0223	-0.0132	-0.0280	0.0301	0.0011	-0.0005	-0.0328
Lewis		0.0000	[redacted]			-0.0047	-0.0045	-0.0054	0.0031	0.0002	-0.0002	-0.0115
Lexington		0.0000	0.96	48.91%	1.95	0.0000	0.0000	-0.0009	0.0110	0.0020	-0.0002	0.0119
Liberator		0.0001	[redacted]			-0.0002	-0.0081	-0.0556	0.0169	0.0006	-0.0002	-0.0466
Liberty		0.0000	1.71	71.72%	2.39	-0.0019	-0.0006	-0.0032	0.0076	0.0006	-0.0002	0.0023
Libra		0.0000	[redacted]			-0.0048	-0.0273	-0.0435	0.0324	0.0020	-0.0012	-0.0424
Lidums		0.0000	2.45	83.80%	2.93	0.0000	0.0000	-0.0018	0.0174	0.0033	0.0000	0.0189
Lift		0.0000	[redacted]			-0.0011	-0.0005	-0.0004	0.0003	0.0001	0.0000	-0.0016
Lilac		0.0000	1.39	61.75%	2.26	0.0000	0.0000	-0.0011	0.0152	0.0050	-0.0004	0.0187
Lily		0.0000	1.49	62.54%	2.39	-0.0006	-0.0025	-0.0057	0.0164	0.0005	-0.0003	0.0078
Lima		0.0000	1.49	81.34%	1.83	-0.0014	-0.0014	-0.0021	0.0121	0.0004	0.0000	0.0076
Limber		0.0000	[redacted]			-0.0097	-0.0010	-0.0070	0.0357	0.0007	0.0000	0.0187
Lime		0.0000	1.99	87.97%	2.26	-0.0011	-0.0047	-0.0073	0.0153	0.0004	-0.0001	0.0025
Liming		0.0000	[redacted]			-0.0077	-0.0130	-0.0169	0.0232	0.0006	-0.0002	-0.0140
Limited		0.0003	11.49	96.06%	11.96	-0.0449	-0.0131	-0.0209	0.0462	0.0013	-0.0005	-0.0319
Limonite		1.0799	[redacted]			-0.0585	-0.0501	-0.0849	0.0544	0.0044	-0.0008	-0.1355
Linda Vista		0.8033	[redacted]			-0.0170	-0.0057	-0.0164	0.0190	0.0003	-0.0009	-0.0207
Lindberg		0.0002	8.28	69.25%	11.96	-0.0166	-0.0197	-0.0251	0.0053	0.0004	-0.0010	-0.0567
Linder		0.4388	8.47	81.16%	10.43	-0.0125	-0.0166	-0.0140	0.0088	0.0015	0.0014	-0.0314
Lindero		0.0004	13.06	80.71%	16.18	-0.0149	-0.0008	-0.0116	0.0446	0.0006	0.0000	0.0179
Linebacker		0.0000	6.76	56.55%	11.96	-0.0249	-0.0175	-0.0194	0.0190	0.0016	-0.0001	-0.0413
Linnell		0.0000	7.48	71.68%	10.43	-0.0124	-0.0064	-0.0140	0.0188	0.0008	-0.0023	-0.0155
Lire		0.0000	9.37	78.39%	11.96	-0.0070	-0.0320	-0.0360	0.0146	0.0003	0.0000	-0.0601
Lisa Anne		0.0000	9.49	79.34%	11.96	-0.0139	-0.0092	-0.0203	0.0357	0.0011	-0.0002	-0.0068
Lisbon		0.0002	7.68	64.20%	11.96	-0.0075	-0.0074	-0.0143	0.0181	0.0005	-0.0004	-0.0110
Liston		0.0000	[redacted]			-0.0148	-0.0195	-0.0308	0.0100	0.0004	-0.0001	-0.0548

Facility	2024 Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Kraft	0.0012	9.57	91.74%	10.43	-0.0738	-0.0188	-0.0361	0.0504	0.0039	-0.0009	-0.0753
Kranzer	0.2140	11.75	98.29%	11.96	-0.0172	-0.0270	-0.0559	0.0582	0.0018	-0.0005	-0.0406
Kratka	0.0171	2.22	45.68%	4.87	-0.0695	-0.0010	-0.0023	0.0077	0.0006	0.0010	-0.0635
Kristen	0.0035	6.80	56.84%	11.96	-0.0205	-0.0221	-0.0449	0.0640	0.0021	-0.0003	-0.0217
Krona	0.0000	9.77	81.70%	11.96	-0.0297	-0.0049	-0.0245	0.1007	0.0037	-0.0019	0.0434
Kropp	0.0805	12.65	105.79%	11.96	-0.0695	-0.0249	-0.0485	0.0810	0.0023	-0.0005	-0.0601
Krueger	0.0000	7.56	63.22%	11.96	-0.0089	-0.0027	-0.0235	0.1517	0.0031	-0.0032	0.1165
Krypton	1.0022	[redacted]			-0.0062	-0.0314	-0.0704	0.0376	0.0015	-0.0009	-0.0698
Kuehner	0.0028	13.81	85.35%	16.18	-0.0439	-0.0138	-0.0427	0.1049	0.0025	-0.0008	0.0062
Kulberg	0.1210	11.36	94.99%	11.96	-0.0585	-0.0096	-0.0292	0.0613	0.0037	-0.0002	-0.0325
Kumquat	0.0015	10.91	91.21%	11.96	-0.0162	-0.0212	-0.0373	0.0518	0.0020	-0.0005	-0.0214
Kuna	0.0055	10.53	88.06%	11.96	-0.0201	-0.0168	-0.0486	0.1596	0.0023	-0.0012	0.0752
Kwacha	0.0023	9.22	77.07%	11.96	-0.0086	-0.0274	-0.0303	0.0192	0.0005	-0.0007	-0.0473
Kwis	0.0000	8.95	74.86%	11.96	-0.0464	-0.0139	-0.0326	0.0861	0.0023	-0.0010	-0.0055
Kyte	0.0016	[redacted]			-0.0030	-0.0114	-0.0110	0.0082	0.0033	0.0008	-0.0131
La Brea	0.0002	1.38	57.70%	2.39	0.0000	0.0000	-0.0048	0.0179	0.0017	-0.0004	0.0144
La Cumbre	0.0000	1.14	66.94%	1.71	0.0000	0.0000	-0.0021	0.0403	0.0043	-0.0011	0.0414
La Grande	0.0021	10.75	89.89%	11.96	-0.0516	-0.0038	-0.0210	0.1077	0.0027	-0.0001	0.0339
La Mancha	0.0062	13.10	80.99%	16.18	-0.0437	-0.0033	-0.0254	0.1234	0.0023	-0.0004	0.0529
La Paz	0.9724	9.21	77.04%	11.96	-0.0063	-0.0378	-0.0411	0.0059	0.0008	-0.0002	-0.0787
La Peer	2.6160	9.68	59.84%	16.18	-0.0023	-0.0309	-0.0416	0.0226	0.0031	0.0000	-0.0491
La Porte	0.1653	13.08	80.87%	16.18	-0.0112	-0.0237	-0.0489	0.0994	0.0024	-0.0019	0.0161
La Posada	0.0000	2.15	73.33%	2.93	-0.0050	-0.0017	-0.0062	0.0124	0.0015	-0.0002	0.0008
La Presa	0.0001	2.63	93.86%	2.80	-0.0074	-0.0046	-0.0081	0.0917	0.0012	-0.0008	0.0720
La Quinta	3.7030	[redacted]			-0.0271	-0.1250	-0.1409	0.0640	0.0290	-0.0050	-0.2050
La Rica	0.0015	[redacted]			0.0000	-0.0009	-0.0063	0.0031	0.0099	0.0000	0.0058
La Salle	0.0004	7.44	62.22%	11.96	-0.0078	-0.0404	-0.0555	0.0293	0.0011	0.0001	-0.0732
La Sierra	0.0002	[redacted]			-0.0165	-0.0085	-0.0179	0.0447	0.0017	-0.0002	0.0033
La Vaca	0.0067	[redacted]			-0.0168	-0.0259	-0.0601	0.0774	0.0014	-0.0009	-0.0249
Lab	0.3292	[redacted]			-0.0623	-0.0220	-0.0520	0.0522	0.0020	-0.0001	-0.0822
Lacresta	0.0019	3.82	62.75%	6.09	-0.0382	-0.0018	-0.0097	0.0920	0.0018	-0.0018	0.0423
Ladder	0.0008	4.03	33.67%	11.96	-0.0029	-0.0207	-0.0222	0.0040	0.0011	-0.0003	-0.0410
Ladera	0.0000	2.00	68.24%	2.93	-0.0024	-0.0039	-0.0067	0.0194	0.0013	0.0001	0.0078
Lager	0.0013	[redacted]			-0.0010	-0.0191	-0.0206	0.0035	0.0004	-0.0002	-0.0370
Laird	0.4727	10.23	85.56%	11.96	-0.0077	-0.0230	-0.0394	0.0317	0.0022	-0.0012	-0.0374
Lake	0.0000	0.95	32.41%	2.93	-0.0026	-0.0002	-0.0011	0.0196	0.0013	0.0000	0.0170
Lakeland	0.0056	[redacted]			-0.0869	-0.0283	-0.0338	0.0706	0.0018	0.0003	-0.0763
Lakers	0.0013	9.15	76.50%	11.96	-0.0073	-0.0101	-0.0716	0.0977	0.0042	-0.0024	0.0105
Lakota	0.5221	[redacted]			-0.0264	-0.0204	-0.0424	0.0239	0.0017	-0.0025	-0.0661
Lamanda	0.0000	8.66	53.51%	16.18	-0.0345	-0.0037	-0.0221	0.1214	0.0024	-0.0002	0.0633
Lambda	0.0051	10.14	84.77%	11.96	-0.0130	-0.0084	-0.0301	0.1231	0.0029	-0.0013	0.0732
Lancers	0.1187	10.04	83.97%	11.96	-0.0305	-0.0057	-0.0318	0.0626	0.0035	-0.0006	-0.0025
Landau	0.0054	9.01	75.38%	11.96	-0.0366	-0.0100	-0.0260	0.0158	0.0024	-0.0004	-0.0548
Landers	0.0034	5.71	63.10%	9.05	0.0000	0.0000	-0.0106	0.0241	0.0151	-0.0045	0.0241
Landmark	0.0000	[redacted]			-0.0300	-0.0277	-0.0768	0.0195	0.0025	0.0000	-0.1125
Lane	0.0005	1.73	58.91%	2.93	-0.0041	-0.0002	-0.0034	0.0203	0.0009	0.0000	0.0135
Langer	0.0004	9.21	56.94%	16.18	-0.0225	-0.0032	-0.0234	0.1044	0.0018	-0.0004	0.0567
Langley	0.0000	9.16	76.58%	11.96	-0.0802	-0.0375	-0.0478	0.0889	0.0032	-0.0001	-0.0735
Lantana	0.0000	[redacted]			-0.0010	-0.0012	-0.0140	0.0123	0.0018	-0.0007	-0.0028
Lanza	0.0001	[redacted]			-0.0069	-0.0134	-0.0199	0.0091	0.0018	-0.0001	-0.0294
Lapins	0.3362	6.81	56.95%	11.96	-0.0611	-0.0012	-0.0165	0.0764	0.0049	-0.0043	-0.0018
Larabee	1.0278	15.46	95.57%	16.18	-0.0022	-0.0364	-0.1063	0.0716	0.0026	-0.0024	-0.0731
Larch	2.1197	[redacted]			-0.0168	-0.2195	-0.2775	0.0654	0.0354	-0.0016	-0.4146
Laredo	0.0007	[redacted]			-0.0038	-0.0455	-0.0543	0.0359	0.0030	-0.0010	-0.0657
Lariat	0.0000	[redacted]			-0.0181	-0.0101	-0.0262	0.0226	0.0013	-0.0019	-0.0324
Larrea	0.0023	7.04	84.32%	8.35	-0.0390	-0.0170	-0.0270	0.0111	0.0019	-0.0004	-0.0704
Larry	0.6525	10.08	84.34%	11.96	-0.0150	-0.0263	-0.0439	0.0447	0.0026	-0.0032	-0.0411
Larthien	0.0000	7.25	60.65%	11.96	-0.0153	-0.0288	-0.0460	0.0461	0.0015	-0.0006	-0.0431
Las Palmas	0.0004	2.42	62.08%	3.91	-0.0120	-0.0002	-0.0036	0.0062	0.0005	0.0000	-0.0091
Las Piedras	0.0323	1.74	61.15%	2.84	-0.0064	-0.0010	-0.0020	0.0033	0.0006	-0.0002	-0.0057
Las Tunas	0.0007	2.33	96.80%	2.40	-0.0024	-0.0072	-0.0123	0.0268	0.0013	-0.0011	0.0051
Lasker	0.0056	10.90	91.18%	11.96	-0.0308	-0.0018	-0.0247	0.0451	0.0021	-0.0029	-0.0130
Lasky	0.0000	1.20	73.04%	1.65	-0.0006	-0.0004	-0.0024	0.0104	0.0012	0.0000	0.0082
Lassen	0.0000	0.77	28.34%	2.71	0.0000	0.0000	-0.0014	0.0191	0.0032	-0.0004	0.0205
Last	0.0044	7.58	63.36%	11.96	-0.0280	-0.0035	-0.0177	0.0525	0.0031	0.0000	0.0064
Latchford	0.0016	7.41	85.09%	8.71	-0.0072	-0.0349	-0.0577	0.0962	0.0044	-0.0028	-0.0020
Lathe	0.0014	[redacted]			-0.0074	-0.0751	-0.1277	0.0092	0.0023	-0.0002	-0.1989
Latimer	0.0040	10.36	86.65%	11.96	-0.0984	-0.0038	-0.0270	0.0201	0.0018	0.0000	-0.1073
Latin	0.0002	1.71	77.79%	2.20	-0.0028	-0.0020	-0.0052	0.0113	0.0013	-0.0005	0.0021
Laton	0.0031	9.47	79.19%	11.96	-0.0379	-0.0097	-0.0277	0.0112	0.0033	-0.0008	-0.0616
Latte	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lauda	0.0042	[redacted]			-0.1281	-0.0202	-0.0932	0.0485	0.0552	0.0003	-0.1375
Launch	0.0000	7.43	62.17%	11.96	-0.0331	-0.0119	-0.0322	0.1556	0.0026	-0.0002	0.0808
Lauro	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lauterbach	0.0248	1.33	72.87%	1.83	-0.0052	-0.0016	-0.0044	0.0053	0.0010	-0.0004	-0.0053
Lava	0.0000	[redacted]			0.0000	0.0000	-0.0007	0.0010	0.0008	0.0002	0.0013
Laver	0.0001	[redacted]			0.0000	-0.0013	-0.0349	0.0008	0.2731	0.0000	0.2377
Lawman	0.0066	[redacted]			-0.0109	-0.0105	-0.0285	0.1181	0.0029	-0.0006	0.0705
Lawrence	0.0000	[redacted]			-0.0077	-0.0138	-0.0247	0.0193	0.0010	-0.0003	-0.0262
Laws	0.0040	[redacted]			-0.0146	-0.0148	-0.0227	0.0614	0.0043	0.0001	0.0137
Lawson	0.0066	[redacted]			-0.0017	-0.0436	-0.0522	0.0077	0.0023	0.0000	-0.0875
Lazaro	0.0049	9.34	78.10%	11.96	-0.0857	-0.0038	-0.0264	0.0771	0.0042	-0.0001	-0.0347
Lead	0.6519	7.44	62.25%	11.96	-0.0173	-0.0509	-0.0539	0.0535	0.0006	-0.0009	-0.0689
Leak	0.0000	[redacted]			-0.0018	-0.0002	-0.0109	0.0092	0.0018	-0.0042	-0.0061
Lear	0.0054	6.49	54.27%	11.96	-0.0382	-0.0024	-0.0161	0.0094	0.0027	0.0000	-0.0446
Leber	0.0000	0.92	86.08%	1.07	-0.0015	-0.0008	-0.0030	0.0028	0.0009	0.0000	-0.0016
Leche	0.0000	[redacted]			-0.0266	-0.0416	-0.0492	0.0623	0.0019	-0.0009	-0.0541
Ledford	0.0074	9.57	80.01%	11.96	-0.0313	-0.0103	-0.0331	0.0151	0.0027	-0.0002	-0.0571
Lee	0.0000	1.20	40.94%	2.93	0.0000	0.0000	-0.0036	0.0132	0.0027	-0.0006	0.0117
Leetum	0.0000	[redacted]			-0.0231	-0.0371	-0.0730	0.0427	0.0018	-0.0006	-0.0893
Leffingwell	0.0015	10.60	88.67%	11.96	-0.0390	-0.0188	-0.0441	0.0842	0.0021	-0.0010	-0.0166
Lehigh	0.0000	10.67	89.22%	11.96	-0.0212	-0.0110	-0.0383	0.0738	0.0028	-0.0010	0.0051
Leia	0.0044	9.35	78.23%	11.96	-0.0140	-0.0064	-0.0292	0.0254	0.0017	-0.0005	-0.0230
Lemon	0.0000	1.90	79.66%	2.39	0.0000	0.0000	-0.0047	0.0333	0.0037	-0.0005	0.0318
Lemonade	0.0051	10.65	89.03%	11.96	-0.0499	-0.0031	-0.0198	0.1078	0.0024	-0.0002	0.0372
Lemond	5.7064	[redacted]			-0.0358	-0.0775	-0.0561	0.0574	0.0039	-0.0019	-0.1100
Lemont	0.0026	[redacted]			-0.0020	-0.0361	-0.0511	0.0075	0.0007	0.0000	-0.0810
Lemoore	0.2917	10.32	86.35%	11.96	-0.0355	-0.0087	-0.0332	0.0167	0.0052	-0.0013	-0.0568
Lena	2.1581	[redacted]			-0.0148	-0.0952	-0.0850	0.0088	0.0020	-0.0001	-0.1843
Leo	0.1401	10.76	90.01%	11.96	-0.0290	-0.0064	-0.0306	0.0284	0.0035	-0.0008	-0.0349
Leon	0.0229	10.89	91.09%	11.96	-0.0487	-0.0150	-0.0250	0.0473	0.0023	-0.0001	-0.0392
Leona	0.0037	6.90	57.69%	11.96	-0.0211	-0.0010	-0.0142	0.0391	0.0017	-0.0002	0.0043
Leonard	0.0000	1.25	42.51%	2.93	-0.0035	-0.0010	-0.0030	0.0080	0.0013	-0.0003	0.0015
Leopard	0.0000	10.34	86.51%	11.96	-0.0203	-0.0343	-0.0746	0.0959	0.0026	-0.0005	-0.0312
Leota	0.0000	[redacted]			-0.0030	-0.0150	-0.0171	0.0235	0.0029	0.0002	-0.0085
Lesser	0.0000	[redacted]			-0.0026	-0.0802	-0.0883	0.0247	0.0007	0.0025	-0.1432
Lester	0.0025	9.19	76.83%	11.96	-0.0336	-0.0073	-0.0233	0.0614	0.0036	-0.0004	0.0004
Lettuce	6.2064	[redacted]			-0.0274	-0.0183	-0.0189	0.0048	0.0018	-0.0006	-0.0586
Leveche	0.0038	6.49	62.16%	10.43	-0.0098	-0.0139	-0.0361	0.0163	0.0018	-0.0014	-0.0431
Level	0.0000	11.19	93.63%	11.96	-0.0399	-0.0246	-0.0518	0.0631	0.0032	-0.0010	-0.0510
Lewis	0.0000	[redacted]			-0.0103	-0.0090	-0.0103	0.0059	0.0006	-0.0003	-0.0234
Lexington	0.0005	0.97	49.64%	1.95	0.0000	0.0000	-0.0017	0.0224	0.0045	-0.0003	0.0249
Liberator	0.0022	[redacted]			-0.0004	-0.0148	-0.0989	0.0344	0.0018	-0.0005	-0.0784
Liberty	0.0000	1.72	71.86%	2.39	-0.0035	-0.0012	-0.0065	0.0155	0.0015	-0.0004	0.0054
Libra	0.4610	[redacted]			-0.0091	-0.0511	-0.0799	0.0676	0.0054	-0.0023	-0.0694
Lidums	0.0000	2.48	84.50%	2.93	0.0000	0.0000	-0.0036	0.0354	0.0067	-0.0001	0.0384
Lift	0.0000	[redacted]			-0.0022	-0.0009	-0.0007	0.0008	0.0005	0.0000	-0.0025
Lilac	0.0007	1.42	62.71%	2.26	0.0000	0.0000	-0.0024	0.0309	0.0105	-0.0007	0.0383
Lily	0.0000	1.50	62.97%	2.39	-0.0011	-0.0049	-0.0106	0.0337	0.0012	-0.0007	0.0176
Lima	0.0000	1.50	81.88%	1.83	-0.0025	-0.0028	-0.0041	0.0250	0.0010	-0.0001	0.0165
Limber	0.0000	[redacted]			-0.0172	-0.0019	-0.0153	0.0742	0.0019	0.0000	0.0417
Lime	0.0000	1.99	88.20%	2.26	-0.0021	-0.0091	-0.0135	0.0315	0.0010	-0.0003	0.0075
Liming	0.0000	[redacted]			-0.0137	-0.0239	-0.0348	0.0541	0.0019	-0.0004	-0.0168
Limited	0.0051	11.47	95.94%	11.96	-0.0849	-0.0243	-0.0414	0.0979	0.0036	-0.0007	-0.0498
Limonite	5.0293	[redacted]			-0.1114	-0.0878	-0.1614	0.1267	0.0110	-0.0016	-0.2245
Linda Vista	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lindberg	0.0036	8.23	68.86%	11.96	-0.0307	-0.0371	-0.0454	0.0109	0.0012	-0.0019	-0.1030
Linder	0.5633	8.58	82.24%	10.43	-0.0206	-0.0255	-0.0257	0.0168	0.0039	0.0022	-0.0489
Lindero	0.0063	13.09	80.92%	16.18	-0.0259	-0.0015	-0.0244	0.0923	0.0020	0.0000	0.0425
Linebacker	0.0000	6.73	56.26%	11.96	-0.0443	-0.0331	-0.0377	0.0391	0.0029	-0.0003	-0.0734
Linnell	0.0038	7.47	71.62%	10.43	-0.0231	-0.0120	-0.0273	0.0388	0.0023	-0.0045	-0.0258
Lire	0.0000	9.32	77.96%	11.96	-0.0143	-0.0597	-0.0658	0.0314	0.0007	-0.0002	-0.1079
Lisa Anne	0.0000	9.49	79.37%	11.96	-0.0263	-0.0171	-0.0365	0.0746	0.0024	-0.0004	-0.0033
Lisbon	0.0023	7.67	64.17%	11.96	-0.0139	-0.0140	-0.0265	0.0373	0.0017	-0.0008	-0.0162
Liston	0.0000	[redacted]			-0.0271	-0.0357	-0.0562	0.0228	0.0015	-0.0002	-0.0949

Facility	2025 Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Kraft	0.0017	9.54	91.38%	10.43	-0.1088	-0.0281	-0.0544	0.0755	0.0074	-0.0013	-0.1097	0.0020	9.50	91.04%
Kranzer	0.2140	11.73	98.14%	11.96	-0.0252	-0.0402	-0.0817	0.0882	0.0034	-0.0007	-0.0562	0.2140	11.72	98.00%
Kratka	0.0177	2.19	44.99%	4.87	-0.1048	-0.0016	-0.0035	0.0120	0.0011	0.0013	-0.0955	0.0237	2.18	44.72%
Kristen	0.0049	6.79	56.79%	11.96	-0.0306	-0.0329	-0.0643	0.0960	0.0040	-0.0004	-0.0282	0.0054	6.78	56.72%
Krona	0.0003	9.80	81.97%	11.96	-0.0387	-0.0064	-0.0367	0.1518	0.0075	-0.0040	0.0735	0.0009	9.83	82.20%
Kropp	0.1056	10.27	85.92%	11.96	-0.1022	-0.0371	-0.0709	0.1262	0.0050	-0.0007	-0.0797	0.1218	10.27	85.88%
Krueger	0.0000	7.62	63.72%	11.96	-0.0135	-0.0041	-0.0352	0.2241	0.0063	-0.0049	0.1727	0.0000	7.67	64.17%
Krypton	1.0719	[redacted]			-0.0109	-0.0544	-0.1026	0.0525	0.0025	-0.0013	-0.1142	1.1226	[redacted]	
Kuehner	0.0032	13.82	85.41%	16.18	-0.0648	-0.0207	-0.0621	0.1583	0.0051	-0.0012	0.0146	0.0032	13.82	85.44%
Kulberg	0.1426	11.38	95.18%	11.96	-0.0783	-0.0134	-0.0428	0.0942	0.0069	-0.0004	-0.0338	0.1591	11.40	95.31%
Kumquat	0.0020	10.90	91.15%	11.96	-0.0240	-0.0319	-0.0545	0.0791	0.0038	-0.0007	-0.0282	0.0027	10.89	91.08%
Kuna	0.0080	10.57	88.43%	11.96	-0.0303	-0.0252	-0.0699	0.2367	0.0048	-0.0018	0.1143	0.0137	10.63	88.93%
Kwacha	0.0028	9.19	76.89%	11.96	-0.0131	-0.0411	-0.0428	0.0292	0.0008	-0.0010	-0.0680	0.0370	9.21	76.99%
Kwis	0.0000	8.95	74.84%	11.96	-0.0694	-0.0209	-0.0491	0.1293	0.0044	-0.0015	-0.0072	0.0000	8.95	74.83%
Kyte	0.0018	[redacted]			-0.0045	-0.0169	-0.0165	0.0142	0.0050	0.0013	-0.0174	0.0025	[redacted]	
La Brea	0.0003	1.39	58.05%	2.39	0.0000	0.0000	-0.0069	0.0268	0.0027	-0.0006	0.0220	0.0005	1.39	58.40%
La Cumbre	0.0001	1.17	68.27%	1.71	0.0000	0.0000	-0.0031	0.0603	0.0072	-0.0015	0.0629	0.0000	0.00	0.00%
La Grande	0.0028	10.77	90.07%	11.96	-0.0766	-0.0057	-0.0324	0.1617	0.0052	-0.0001	0.0521	0.0037	10.79	90.24%
La Mancha	0.0088	13.16	81.33%	16.18	-0.0593	-0.0045	-0.0379	0.1986	0.0049	-0.0007	0.1011	0.0147	13.21	81.65%
La Paz	0.9727	9.18	76.74%	11.96	-0.0093	-0.0566	-0.0570	0.0092	0.0019	-0.0003	-0.1121	0.9727	9.14	76.40%
La Peer	3.5252	10.65	65.87%	16.18	-0.0035	-0.0462	-0.0590	0.0346	0.0051	0.0000	-0.0690	4.1027	11.26	69.64%
La Porte	0.1778	13.11	81.05%	16.18	-0.0164	-0.0356	-0.0709	0.1521	0.0042	-0.0027	0.0307	0.1991	13.15	81.29%
La Posada	0.0000	2.15	73.36%	2.93	-0.0073	-0.0026	-0.0094	0.0184	0.0029	-0.0003	0.0017	0.0000	2.15	73.29%
La Presa	0.0002	2.66	94.97%	2.80	-0.0113	-0.0070	-0.0122	0.1295	0.0024	-0.0011	0.1003	0.0003	2.68	95.79%
La Quinta	3.9707	[redacted]			-0.0400	-0.1859	-0.2015	0.1132	0.0575	-0.0075	-0.2642	4.1425	[redacted]	
La Rica	0.0015	[redacted]			0.0000	-0.0013	-0.0093	0.0047	0.0147	0.0000	0.0088	0.0015	[redacted]	
La Salle	0.0005	7.41	61.94%	11.96	-0.0119	-0.0605	-0.0789	0.0442	0.0018	0.0001	-0.1052	0.0006	7.37	61.65%
La Sierra	0.0003	[redacted]			-0.0244	-0.0127	-0.0252	0.0674	0.0033	-0.0003	0.0081	0.0003	[redacted]	
La Vaca	0.0097	[redacted]			-0.0247	-0.0388	-0.0851	0.1162	0.0027	-0.0013	-0.0310	0.0169	[redacted]	
Lab	0.3930	[redacted]			-0.0891	-0.0318	-0.0740	0.0809	0.0039	-0.0002	-0.1103	0.4670	[redacted]	
Lacresta	0.0028	3.86	63.45%	6.09	-0.0469	-0.0022	-0.0143	0.1444	0.0028	-0.0035	0.0803	0.0049	3.90	64.10%
Ladder	6.7008	10.15	84.93%	11.96	-0.0043	-0.0310	-0.0319	0.0061	0.0017	-0.0005	-0.0599	6.7012	10.14	84.77%
Ladera	0.0000	2.00	68.41%	2.93	-0.0036	-0.0059	-0.0098	0.0296	0.0023	0.0001	0.0127	0.0000	2.01	68.62%
Lager	0.0013	[redacted]			-0.0015	-0.0284	-0.0299	0.0056	0.0006	-0.0003	-0.0539	0.0013	[redacted]	
Laird	0.4900	10.23	85.59%	11.96	-0.0112	-0.0340	-0.0572	0.0499	0.0037	-0.0018	-0.0506	0.5017	10.23	85.55%
Lake	0.0000	0.96	32.74%	2.93	-0.0039	-0.0003	-0.0017	0.0294	0.0025	0.0000	0.0260	0.0000	0.97	33.15%
Lakeland	0.0081	[redacted]			-0.1256	-0.0422	-0.0488	0.1075	0.0037	0.0005	-0.1049	0.0744	[redacted]	
Lakers	0.0029	9.16	76.60%	11.96	-0.0110	-0.0151	-0.1016	0.1441	0.0077	-0.0040	0.0201	0.0405	9.20	76.96%
Lakota	0.5342	[redacted]			-0.0421	-0.0331	-0.0603	0.0351	0.0031	-0.0039	-0.1012	0.5497	[redacted]	
Lamanda	0.0000	8.69	53.73%	16.18	-0.0518	-0.0055	-0.0340	0.1833	0.0046	-0.0003	0.0963	0.0000	8.74	54.04%
Lambda	0.0073	10.18	85.13%	11.96	-0.0191	-0.0127	-0.0455	0.1827	0.0057	-0.0019	0.1092	0.0125	10.22	85.47%
Lancers	0.1277	4.18	34.96%	11.96	-0.0454	-0.0086	-0.0488	0.0930	0.0070	-0.0009	-0.0037	0.1343	4.18	34.99%
Landau	0.0062	8.99	75.18%	11.96	-0.0525	-0.0150	-0.0384	0.0237	0.0045	-0.0005	-0.0782	0.0086	8.97	75.00%
Landers	0.0045	5.73	63.26%	9.05	0.0000	0.0000	-0.0160	0.0370	0.0238	-0.0075	0.0373	0.0081	5.74	63.45%
Landmark	0.0000	[redacted]			-0.0449	-0.0411	-0.1111	0.0289	0.0051	0.0000	-0.1631	0.0000	[redacted]	
Lane	0.0007	1.73	59.17%	2.93	-0.0062	-0.0003	-0.0053	0.0302	0.0018	0.0000	0.0202	0.0009	1.74	59.41%
Langer	0.0005	9.25	57.19%	16.18	-0.0316	-0.0045	-0.0347	0.1608	0.0040	-0.0006	0.0934	0.0007	9.29	57.41%
Langley	0.0001	9.13	76.33%	11.96	-0.1213	-0.0564	-0.0643	0.1341	0.0069	-0.0002	-0.1012	0.0003	9.12	76.25%
Lantana	0.0000	[redacted]			-0.0020	-0.0023	-0.0204	0.0185	0.0031	-0.0013	-0.0044	0.0356	[redacted]	
Lanza	0.0003	[redacted]			-0.0097	-0.0190	-0.0286	0.0149	0.0026	-0.0001	-0.0399	0.0005	[redacted]	
Lapins	0.3978	6.89	57.66%	11.96	-0.0737	-0.0015	-0.0244	0.1152	0.0084	-0.0083	0.0157	0.4399	6.96	58.18%
Larabee	1.0278	15.43	95.38%	16.18	-0.0033	-0.0544	-0.1521	0.1063	0.0052	-0.0036	-0.1019	1.0278	15.37	95.00%
Larch	3.9384	[redacted]			-0.0247	-0.3256	-0.4011	0.1005	0.0640	-0.0023	-0.5892	5.1538	[redacted]	
Laredo	0.0007	[redacted]			-0.0057	-0.0680	-0.0796	0.0525	0.0048	-0.0018	-0.0978	0.0391	[redacted]	
Lariat	0.0000	[redacted]			-0.0257	-0.0149	-0.0389	0.0357	0.0027	-0.0030	-0.0441	0.0000	[redacted]	
Larrea	0.0032	7.01	83.98%	8.35	-0.0543	-0.0242	-0.0416	0.0189	0.0037	-0.0008	-0.0983	0.0620	7.05	84.41%
Larry	0.6525	10.07	84.25%	11.96	-0.0205	-0.0361	-0.0641	0.0700	0.0048	-0.0050	-0.0509	0.6525	10.04	83.99%
Larthien	0.0007	7.23	60.50%	11.96	-0.0232	-0.0432	-0.0656	0.0691	0.0029	-0.0009	-0.0609	0.0725	7.30	61.07%
Las Palmas	0.0006	2.42	61.99%	3.91	-0.0174	-0.0003	-0.0055	0.0094	0.0011	0.0000	-0.0127	0.0007	2.42	62.06%
Las Piedras	0.0335	1.73	61.09%	2.84	-0.0096	-0.0015	-0.0029	0.0049	0.0010	-0.0003	-0.0084	0.0335	1.73	60.98%
Las Tunas	0.0009	2.33	97.01%	2.40	-0.0036	-0.0108	-0.0186	0.0415	0.0027	-0.0017	0.0095	0.0010	2.34	97.24%
Lasker	0.0081	10.89	91.06%	11.96	-0.0552	-0.0032	-0.0372	0.0665	0.0038	-0.0030	-0.0283	0.0140	10.88	90.97%
Lasky	0.0000	1.21	73.35%	1.65	-0.0009	-0.0006	-0.0036	0.0155	0.0024	0.0000	0.0128	0.0000	1.21	73.68%
Lassen	0.0000	0.78	28.77%	2.71	0.0000	0.0000	-0.0020	0.0289	0.0056	-0.0006	0.0319	0.0000	0.79	29.18%
Last	0.0063	7.59	63.47%	11.96	-0.0405	-0.0052	-0.0272	0.0835	0.0059	0.0000	0.0165	0.0106	7.61	63.63%
Latchford	0.0020	7.40	85.03%	8.71	-0.0120	-0.0568	-0.0841	0.1423	0.0076	-0.0039	-0.0069	0.0023	7.41	85.12%
Lathe	0.0017	[redacted]			-0.0106	-0.1064	-0.1830	0.0161	0.0042	-0.0003	-0.2800	0.0019	[redacted]	
Latimer	0.0046	10.30	86.18%	11.96	-0.1472	-0.0057	-0.0410	0.0308	0.0042	0.0000	-0.1589	0.0046	10.24	85.67%
Latin	0.0003	1.71	77.87%	2.20	-0.0043	-0.0031	-0.0078	0.0168	0.0025	-0.0008	0.0033	0.0005	1.71	77.94%
Laton	0.0035	9.44	78.96%	11.96	-0.0560	-0.0145	-0.0412	0.0187	0.0071	-0.0012	-0.0871	0.0048	9.42	78.76%
Latte	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Lauda	0.0061	[redacted]			-0.1746	-0.0277	-0.1161	0.0810	0.2184	0.0033	-0.0157	0.1311	[redacted]	
Launch	0.0001	7.48	62.56%	11.96	-0.0497	-0.0179	-0.0467	0.2337	0.0054	-0.0003	0.1245	0.0004	7.56	63.27%
Lauro	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Lauterbach	0.0261	1.33	72.83%	1.83	-0.0076	-0.0024	-0.0066	0.0078	0.0021	-0.0006	-0.0073	0.0287	1.33	72.87%
Lava	0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0020	0.0015	0.0004	0.0028	0.0000	[redacted]	
Laver	0.0001	[redacted]			0.0000	-0.0019	-0.0493	0.0012	0.4014	0.0000	0.3514	0.0001	[redacted]	
Lawman	0.0096	[redacted]			-0.0159	-0.0157	-0.0425	0.1761	0.0045	-0.0009	0.1056	0.0166	[redacted]	
Lawrence	0.0013	[redacted]			-0.0117	-0.0207	-0.0347	0.0289	0.0021	-0.0004	-0.0365	0.0404	[redacted]	
Laws	0.0049	[redacted]			-0.0215	-0.0219	-0.0336	0.0952	0.0065	0.0004	0.0251	0.0059	[redacted]	
Lawson	0.0095	[redacted]			-0.0026	-0.0647	-0.0749	0.0118	0.0038	0.0001	-0.1265	0.0163	[redacted]	
Lazaro	0.0069	9.34	78.12%	11.96	-0.1161	-0.0054	-0.0395	0.1187	0.0079	-0.0002	-0.0346	0.0117	9.34	78.15%
Lead	1.5989	8.46	70.79%	11.96	-0.0239	-0.0694	-0.0769	0.0869	0.0010	-0.0015	-0.0838	2.2113	8.75	73.16%
Leak	0.0000	[redacted]			-0.0026	-0.0003	-0.0158	0.0142	0.0036	-0.0071	-0.0080	0.0000	[redacted]	
Lear	0.0062	6.47	54.10%	11.96	-0.0552	-0.0036	-0.0240	0.0141	0.0048	0.0000	-0.0639	0.0086	6.45	53.96%
Leber	0.0000	0.92	86.03%	1.07	-0.0022	-0.0012	-0.0045	0.0042	0.0018	0.0000	-0.0019	0.0000	0.92	86.00%
Leche	0.0000	[redacted]			-0.0405	-0.0621	-0.0729	0.1025	0.0037	-0.0013	-0.0706	0.0000	[redacted]	
Ledford	0.0107	9.54	79.77%	11.96	-0.0477	-0.0163	-0.0484	0.0218	0.0051	-0.0001	-0.0856	0.0184	9.52	79.65%
Lee	0.0000	1.21	41.16%	2.93	0.0000	0.0000	-0.0051	0.0197	0.0043	-0.0010	0.0179	0.0000	1.21	41.38%
Leetum	0.0000	[redacted]			-0.0351	-0.0552	-0.1064	0.0671	0.0034	-0.0009	-0.1271	0.0000	[redacted]	
Leffingwell	0.0020	10.62	88.80%	11.96	-0.0516	-0.0247	-0.0655	0.1357	0.0048	-0.0016	-0.0029	0.0024	10.63	88.87%
Lehigh	0.0000	10.68	89.28%	11.96	-0.0315	-0.0164	-0.0581	0.1136	0.0056	-0.0015	0.0117	0.0142	10.69	89.42%
Leia	0.0062	9.34	78.13%	11.96	-0.0215	-0.0102	-0.0431	0.0366	0.0031	-0.0007	-0.0358	0.0104	9.33	78.06%
Lemon	0.0000	1.92	80.48%	2.39	0.0000	0.0000	-0.0068	0.0521	0.0058	-0.0007	0.0504	0.0000	1.94	81.28%
Lemonade	0.0072	10.67	89.24%	11.96	-0.0746	-0.0046	-0.0308	0.1633	0.0046	-0.0003	0.0576	0.0120	10.71	89.61%
Lemond	7.9013	[redacted]			-0.0547	-0.1152	-0.0800	0.0872	0.0074	-0.0027	-0.1580	12.2724	[redacted]	
Lemont	0.0037	[redacted]			-0.0030	-0.0537	-0.0724	0.0121	0.0011	0.0000	-0.1159	0.0063	[redacted]	
Lemoore	0.3108	11.62	97.20%	11.96	-0.0524	-0.0131	-0.0511	0.0252	0.0112	-0.0020	-0.0822	0.3258	11.61	97.13%
Lena	2.1609	[redacted]			-0.0219	-0.1418	-0.1207	0.0141	0.0031	-0.0003	-0.2675	2.1676	[redacted]	
Leo	0.1526	10.76	89.98%	11.96	-0.0429	-0.0096	-0.0461	0.0427	0.0068	-0.0012	-0.0503	0.1624	10.77	90.04%
Leon	0.0282	10.88	91.02%	11.96	-0.0700	-0.0227	-0.0365	0.0725	0.0048	-0.0001	-0.0520	0.0561	10.91	91.28%
Leona	0.0054	6.91	57.81%	11.96	-0.0258	-0.0012	-0.0210	0.0609	0.0033	-0.0010	0.0152	0.0093	6.93	57.93%
Leonard	0.0000	1.25	42.55%	2.93	-0.0053	-0.0015	-0.0045	0.0120	0.0022	-0.0004	0.0025	0.0000	1.25	42.66%
Leopard	0.0002	10.34	86.47%	11.96	-0.0309	-0.0511	-0.1066	0.1484	0.0051	-0.0007	-0.0358	0.0007	10.33	86.43%
Leota	0.0000	[redacted]			-0.0044	-0.0213	-0.0228	0.0340	0.0047	0.0004	-0.0094	0.0248	[redacted]	
Lesser	0.0000	[redacted]			-0.0039	-0.1193	-0.1292	0.0376	0.0011	0.0038	-0.2099	0.0000	[redacted]	
Lester	0.0035	9.21	77.00%	11.96	-0.0434	-0.0097	-0.0355	0.0988	0.0076	-0.0006	0.0172	0.0059	9.22	77.08%
Lettuce	6.2064	[redacted]			-0.0403	-0.0274	-0.0271	0.0079	0.0033	-0.0009	-0.0845	12.1774	[redacted]	
Leveche	0.0055	6.47	62.01%	10.43	-0.0136	-0.0196	-0.0539	0.0262	0.0037	-0.0022	-0.0594	0.0094	6.46	61.90%
Level	0.0000	11.18	93.47%	11.96	-0.0602	-0.0369	-0.0740	0.0966	0.0066	-0.0014	-0.0693	0.0276	11.18	93.50%
Lewis	0.0000	[redacted]			-0.0148	-0.0130	-0.0156	0.0092	0.0015	-0.0005	-0.0332	0.0000	[redacted]	
Lexington	0.0006	0.98	50.35%	1.95	0.0000	0.0000	-0.0025	0.0338	0.0069	-0.0004	0.0378	0.0006	1.00	51.06%
Liberator	0.0027	[redacted]			-0.0006	-0.0220	-0.1345	0.0508	0.0036	-0.0008	-0.1035	0.0031	[redacted]	
Liberty	0.0001	1.72	71.99%	2.39	-0.0053	-0.0018	-0.0098	0.0230	0.0029	-0.0006	0.0084	0.0003	1.72	72.12%
Libra	0.4610	[redacted]			-0.0139	-0.0767	-0.1156	0.1004	0.0095	-0.0034	-0.0997	0.4610	[redacted]	
Lidums	0.0000	2.50	85.22%	2.93	0.0000	0.0000	-0.0054	0.0538	0.0102	-0.0002	0.0584	0.0000	2.51	85.85%
Lift	0.0000	[redacted]			-0.0032	-0.0013	-0.0010	0.0016	0.0010	0.0000	-0.0029	0.0000	[redacted]	
Lilac	0.0010	1.44	63.61%	2.26	0.0000	0.0000	-0.0037	0.0462	0.0156	-0.0010	0.0571	0.0017	1.45	64.44%
Lily	0.0000	1.51	63.37%	2.39	-0.0017	-0.0074	-0.0152	0.0497	0.0022	-0.0010	0.0266	0.0000	1.52	63.72%
Lima	0.0000	1.51	82.43%	1.83	-0.0037	-0.0042	-0.0060	0.0376	0.0023	-0.0001	0.0259	0.0000	1.52	82.94%
Limber	0.0000	[redacted]			-0.0251	-0.0029	-0.0238	0.1121	0.0036	0.0000	0.0639	0.0000	[redacted]	
Lime	0.0000	2.00	88.44%	2.26	-0.0031	-0.0138	-0.0193	0.0473	0.0020	-0.0004	0.0127	0.0000	2.00	88.64%
Liming	0.0000	[redacted]			-0.0200	-0.0356	-0.0529	0.0918	0.0035	-0.0006	-0.0138	0.0000	[redacted]	
Limited	0.0074	11.46	95.83%	11.96	-0.1240	-0.0363	-0.0601	0.1515	0.0058	-0.0012	-0.0643	0.0536	11.49	96.14%
Limonite	6.5804	[redacted]			-0.1645	-0.1306	-0.2377	0.1920	0.0203	-0.0023	-0.3228	10.7552	[redacted]	
Linda Vista	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Lindberg	0.0041	8.20	68.55%	11.96	-0.0400	-0.0494	-0.0650	0.0176	0.0024	-0.0030	-0.1374	0.0057	8.16	68.25%
Linder	0.6056	8.61	82.48%	10.43	-0.0286	-0.0352	-0.0375	0.0250	0.0063	0.0031	-0.0669	0.6550	8.64	82.81%
Lindero	0.0090	13.12	81.10%	16.18	-0.0378	-0.0023	-0.0366	0.1389	0.0040	0.0000	0.0662	0.0118	13.14	81.26%
Linebacker	0.0000	6.69	55.96%	11.96	-0.0638	-0.0497	-0.0553	0.0585	0.0046	-0.0004	-0.1061	0.0000	6.65	55.65%
Linnell	0.0044	7.46	71.51%	10.43	-0.0341	-0.0180	-0.0407	0.0583	0.0044	-0.0068	-0.0369	0.0062	7.45	71.41%
Lire	0.0010	9.27	77.52%	11.96	-0.0219	-0.0895	-0.0948	0.0482	0.0011	-0.0004	-0.1573	0.0032	9.22	77.09%
Lisa Anne	0.0000	9.49	79.40%	11.96	-0.0393	-0.0256	-0.0532	0.1136	0.0046	-0.0006	-0.0005	0.0000	9.50	79.42%
Lisbon	0.0028	7.67	64.12%	11.96	-0.0207	-0.0210	-0.0386	0.0559	0.0033	-0.0011	-0.0222	0.0033	7.67	64.14%
Liston	0.0000	[redacted]			-0.0384	-0.0507	-0.0803	0.0404	0.0030	-0.0004	-0.1264	0.0000	[redacted]	

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
10.43	-0.1447	-0.0379	-0.0698	0.0985	0.0118	-0.0014	-0.1435	0.0030	9.46	90.69%	10.43	-0.1804	-0.0482	-0.0845	0.1201	0.0177	-0.0019	-0.1772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0334	-0.0542	-0.1050	0.1163	0.0055	-0.0010	-0.0718	0.2140	11.70	97.83%	11.96	-0.0420	-0.0690	-0.1286	0.1429	0.0082	-0.0012	-0.0897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.87	-0.1277	-0.0020	-0.0047	0.0169	0.0022	0.0012	-0.1141	0.0529	2.19	44.99%	4.87	-0.1487	-0.0024	-0.0058	0.0215	0.0034	0.0011	-0.1309	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0406	-0.0444	-0.0824	0.1253	0.0066	-0.0005	-0.0360	0.0054	6.77	56.64%	11.96	-0.0505	-0.0566	-0.1011	0.1529	0.0106	-0.0006	-0.0453	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0484	-0.0079	-0.0487	0.1970	0.0130	-0.0062	0.0988	0.0030	9.85	82.40%	11.96	-0.0591	-0.0095	-0.0598	0.2371	0.0186	-0.0088	0.1185	1.47	1.49	1.49	1.49	1.49	244.55%	248.38%	248.38%	248.38%	248.38%
11.96	-0.1366	-0.0501	-0.0914	0.1706	0.0085	-0.0009	-0.0999	0.1218	10.24	85.68%	11.96	-0.1715	-0.0638	-0.1089	0.2103	0.0132	-0.0011	-0.1218	0.63	0.70	0.70	0.70	0.67	5.27%	5.85%	5.85%	5.85%	5.60%
11.96	-0.0184	-0.0055	-0.0459	0.2882	0.0107	-0.0066	0.2225	0.0000	7.72	64.60%	11.96	-0.0236	-0.0070	-0.0541	0.3450	0.0184	-0.0087	0.2700	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0141	-0.0707	-0.1302	0.0687	0.0043	-0.0018	-0.1438	1.1354	[redacted]			-0.0173	-0.0879	-0.1558	0.0833	0.0064	-0.0023	-0.1736	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0873	-0.0279	-0.0802	0.2078	0.0088	-0.0016	0.0196	0.0032	13.82	85.46%	16.18	-0.1106	-0.0354	-0.0977	0.2545	0.0139	-0.0020	0.0227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0980	-0.0174	-0.0557	0.1235	0.0120	-0.0006	-0.0362	0.1732	11.41	95.41%	11.96	-0.1169	-0.0215	-0.0684	0.1499	0.0186	-0.0008	-0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0322	-0.0431	-0.0713	0.1050	0.0062	-0.0009	-0.0363	0.0041	10.89	91.04%	11.96	-0.0409	-0.0547	-0.0851	0.1295	0.0104	-0.0011	-0.0419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0346	-0.0288	-0.0911	0.3134	0.0087	-0.0039	0.1637	0.0281	10.69	89.44%	11.96	-0.0390	-0.0326	-0.1110	0.3814	0.0127	-0.0063	0.2052	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0175	-0.0555	-0.0561	0.0386	0.0012	-0.0014	-0.0907	0.1720	9.33	78.01%	11.96	-0.0216	-0.0706	-0.0685	0.0478	0.0015	-0.0017	-0.1131	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0948	-0.0282	-0.0600	0.1690	0.0076	-0.0016	-0.0080	0.0000	8.94	74.79%	11.96	-0.1235	-0.0358	-0.0708	0.2063	0.0124	-0.0017	-0.0131	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0059	-0.0228	-0.0210	0.0209	0.0064	0.0018	-0.0206	0.0046	[redacted]			-0.0062	-0.0244	-0.0242	0.0299	0.0082	0.0017	-0.0150	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	0.0000	0.0000	-0.0089	0.0351	0.0040	-0.0008	0.0294	0.0010	1.40	58.68%	2.39	-0.0001	-0.0005	-0.0118	0.0432	0.0056	-0.0012	0.0352	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1035	-0.0077	-0.0398	0.2112	0.0100	-0.0001	0.0701	0.0059	10.81	90.38%	11.96	-0.1332	-0.0098	-0.0469	0.2576	0.0155	-0.0001	0.0831	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0764	-0.0058	-0.0490	0.2660	0.0082	-0.0010	0.1420	0.0306	13.25	81.90%	16.18	-0.1014	-0.0076	-0.0599	0.3199	0.0125	-0.0012	0.1623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0124	-0.0763	-0.0758	0.0128	0.0037	-0.0003	-0.1483	0.9727	10.87	90.88%	11.96	-0.0156	-0.0970	-0.0938	0.0164	0.0057	-0.0003	-0.1846	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0047	-0.0623	-0.0761	0.0460	0.0073	0.0000	-0.0898	4.1037	12.66	78.27%	16.18	-0.0058	-0.0793	-0.0931	0.0573	0.0098	0.0000	-0.1111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0215	-0.0480	-0.0914	0.2023	0.0070	-0.0035	0.0449	0.2532	13.22	81.73%	16.18	-0.0265	-0.0610	-0.1128	0.2499	0.0112	-0.0044	0.0564	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0111	-0.0040	-0.0123	0.0229	0.0046	-0.0004	-0.0003	0.0000	2.14	73.21%	2.93	-0.0151	-0.0054	-0.0151	0.0271	0.0068	-0.0005	-0.0022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0158	-0.0094	-0.0162	0.1598	0.0043	-0.0014	0.1213	0.0004	2.72	97.22%	2.80	-0.0211	-0.0119	-0.0199	0.2062	0.0062	-0.0017	0.1578	0.13	0.13	0.13	0.13	0.16	57.78%	57.78%	57.78%	57.78%	71.11%
[redacted]	-0.0515	-0.2491	-0.2607	0.1689	0.0636	-0.0098	-0.3386	4.1484	[redacted]			-0.0634	-0.3247	-0.3185	0.2174	0.0693	-0.0110	-0.4309	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	-0.0018	-0.0116	0.0063	0.0149	0.0000	0.0078	0.0015	[redacted]			0.0000	-0.0023	-0.0136	0.0079	0.0148	0.0000	0.0068	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0158	-0.0811	-0.1026	0.0593	0.0019	0.0002	-0.1381	0.0009	8.19	68.49%	11.96	-0.0194	-0.1029	-0.1251	0.0742	0.0019	0.0003	-0.1710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0295	-0.0156	-0.0320	0.0917	0.0056	-0.0004	0.0198	0.0004	[redacted]			-0.0345	-0.0187	-0.0387	0.1137	0.0087	-0.0006	0.0299	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0329	-0.0523	-0.1104	0.1518	0.0049	-0.0017	-0.0406	0.0356	[redacted]			-0.0415	-0.0665	-0.1352	0.1853	0.0078	-0.0021	-0.0522	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1168	-0.0423	-0.0942	0.1072	0.0064	-0.0002	-0.1399	0.6288	[redacted]			-0.1444	-0.0534	-0.1142	0.1319	0.0095	-0.0002	-0.1708	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.09	-0.0550	-0.0026	-0.0183	0.1912	0.0044	-0.0051	0.1146	0.0104	3.94	64.76%	6.09	-0.0624	-0.0031	-0.0214	0.2324	0.0068	-0.0068	0.1455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0056	-0.0419	-0.0404	0.0081	0.0024	-0.0006	-0.0780	6.7021	10.12	84.62%	11.96	-0.0068	-0.0533	-0.0484	0.0101	0.0032	-0.0007	-0.0959	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0048	-0.0080	-0.0130	0.0397	0.0045	0.0001	0.0185	0.0000	2.02	68.89%	2.93	-0.0059	-0.0102	-0.0154	0.0493	0.0081	0.0001	0.0260	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0383	-0.0388	0.0077	0.0007	-0.0004	-0.0711	0.0013	[redacted]			-0.0025	-0.0488	-0.0469	0.0098	0.0007	-0.0005	-0.0882	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0149	-0.0464	-0.0749	0.0649	0.0065	-0.0023	-0.0671	0.5048	10.21	85.43%	11.96	-0.0186	-0.0594	-0.0913	0.0796	0.0090	-0.0028	-0.0835	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0048	-0.0004	-0.0022	0.0401	0.0043	0.0000	0.0370	0.0000	0.98	33.54%	2.93	-0.0057	-0.0005	-0.0026	0.0498	0.0067	0.0000	0.0477	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1626	-0.0569	-0.0631	0.1426	0.0060	0.0006	-0.1334	0.3250	[redacted]			-0.1972	-0.0724	-0.0772	0.1772	0.0091	0.0006	-0.1599	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0150	-0.0204	-0.1311	0.1850	0.0110	-0.0056	0.0239	0.0872	9.26	77.44%	11.96	-0.0193	-0.0259	-0.1559	0.2217	0.0175	-0.0075	0.0306	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0588	-0.0463	-0.0772	0.0458	0.0050	-0.0052	-0.1367	0.5651	[redacted]			-0.0769	-0.0600	-0.0941	0.0559	0.0074	-0.0065	-0.1742	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0643	-0.0068	-0.0440	0.2500	0.0075	-0.0004	0.1420	0.0000	8.77	54.20%	16.18	-0.0860	-0.0088	-0.0539	0.3042	0.0111	-0.0005	0.1661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0252	-0.0171	-0.0590	0.2360	0.0091	-0.0026	0.1412	0.0254	10.26	85.84%	11.96	-0.0313	-0.0217	-0.0722	0.2842	0.0135	-0.0033	0.1692	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0617	-0.0116	-0.0639	0.1202	0.0115	-0.0012	-0.0067	0.1389	4.18	34.97%	11.96	-0.0802	-0.0147	-0.0786	0.1448	0.0175	-0.0015	-0.0127	0.11	0.17	0.17	0.17	0.17	1.11%	1.72%	1.72%	1.72%	1.72%
11.96	-0.0681	-0.0202	-0.0500	0.0309	0.0077	-0.0006	-0.1003	0.0164	8.95	74.88%	11.96	-0.0830	-0.0257	-0.0612	0.0376	0.0117	-0.0007	-0.1213	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.05	0.0000	0.0000	-0.0209	0.0494	0.0318	-0.0104	0.0499	0.0211	5.77	63.72%	9.05	0.0000	0.0000	-0.0255	0.0610	0.0386	-0.0136	0.0605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0612	-0.0554	-0.1441	0.0373	0.0083	0.0000	-0.2151	0.0000	[redacted]			-0.0784	-0.0706	-0.1768	0.0448	0.0126	0.0000	-0.2684	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0085	-0.0004	-0.0068	0.0391	0.0031	0.0000	0.0265	0.0013	1.75	59.63%	2.93	-0.0111	-0.0005	-0.0082	0.0471	0.0048	0.0000	0.0321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0414	-0.0059	-0.0447	0.2112	0.0069	-0.0008	0.1253	0.0012	9.32	57.60%	16.18	-0.0516	-0.0074	-0.0544	0.2567	0.0108	-0.0010	0.1531	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1546	-0.0709	-0.0806	0.1828	0.0130	-0.0003	-0.1106	0.0010	9.08	75.91%	11.96	-0.2056	-0.0914	-0.0976	0.2255	0.0206	-0.0003	-0.1488	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0031	-0.0034	-0.0268	0.0241	0.0051	-0.0019	-0.0060	0.2162	[redacted]			-0.0044	-0.0046	-0.0331	0.0291	0.0078	-0.0025	-0.0077	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0124	-0.0249	-0.0372	0.0206	0.0041	-0.0001	-0.0499	0.0009	[redacted]			-0.0149	-0.0311	-0.0457	0.0261	0.0059	-0.0002	-0.0599	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0863	-0.0018	-0.0319	0.1494	0.0143	-0.0123	0.0314	0.4399	6.97	58.30%	11.96	-0.0986	-0.0021	-0.0391	0.1797	0.0213	-0.0169	0.0443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0053	-0.0899	-0.1970	0.1282	0.0093	-0.0038	-0.1585	1.0278	15.31	94.62%	16.18	-0.0072	-0.1271	-0.2390	0.1499	0.0127	-0.0040	-0.2147	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0319	-0.4380	-0.5172	0.1343	0.0749	-0.0030	-0.7809	5.1768	[redacted]			-0.0383	-0.5554	-0.6117	0.1664	0.0906	-0.0032	-0.9516	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0075	-0.0917	-0.1022	0.0658	0.0081	-0.0021	-0.1296	0.1919	[redacted]			-0.0092	-0.1166	-0.1222	0.0838	0.0108	-0.0023	-0.1557	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0333	-0.0199	-0.0508	0.0482	0.0049	-0.0040	-0.0549	0.0000	[redacted]			-0.0411	-0.0251	-0.0624	0.0600	0.0077	-0.0050	-0.0659	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0696	-0.0318	-0.0534	0.0261	0.0066	-0.0011	-0.1232	0.2975	7.27	87.07%	8.35	-0.0853	-0.0398	-0.0640	0.0331	0.0096	-0.0015	-0.1479	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0312	-0.0534	-0.0844	0.0873	0.0079	-0.0061	-0.0799	0.6525	10.01	83.73%	11.96	-0.0436	-0.0713	-0.1033	0.1053	0.0107	-0.0072	-0.1094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0286	-0.0533	-0.0861	0.0942	0.0057	-0.0013	-0.0694	0.3588	7.60	63.56%	11.96	-0.0341	-0.0638	-0.1053	0.1168	0.0085	-0.0017	-0.0796	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.91	-0.0184	-0.0003	-0.0073	0.0140	0.0021	-0.0003	-0.0102	0.0010	2.42	62.02%	3.91	-0.0225	-0.0004	-0.0090	0.0172	0.0033	-0.0003	-0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0132	-0.0020	-0.0037	0.0064	0.0016	-0.0004	-0.0113	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.40	-0.0048	-0.0145	-0.0242	0.0558	0.0046	-0.0023	0.0146	0.0012	2.34	97.45%	2.40	-0.0061	-0.0184	-0.0299	0.0691	0.0071	-0.0029	0.0189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0822	-0.0046	-0.0482	0.0877	0.0062	-0.0031	-0.0442	0.0290	10.87	90.93%	11.96	-0.1128	-0.0061	-0.0590	0.1080	0.0093	-0.0032	-0.0638	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.65	-0.0012	-0.0008	-0.0046	0.0200	0.0043	0.0000	0.0177	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	0.0000	0.0000	-0.0026	0.0382	0.0080	-0.0008	0.0428	0.0000	0.80	29.64%	2.71	0.0000	0.0000	-0.0031	0.0485	0.0102	-0.0008	0.0548	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0524	-0.0070	-0.0354	0.1149	0.0097	0.0000	0.0298	0.0214	7.64	63.86%	11.96	-0.0635	-0.0089	-0.0433	0.1452	0.0148	0.0000	0.0443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.71	-0.0152	-0.0712	-0.1106	0.1885	0.0139	-0.0053	0.0001	0.0029	7.42	85.18%	8.71	-0.0189	-0.0863	-0.1352	0.2316	0.0202	-0.0068	0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0141	-0.1398	-0.2416	0.0231	0.0071	-0.0004	-0.3657	0.0024	[redacted]			-0.0180	-0.1753	-0.2964	0.0299	0.0099	-0.0006	-0.4505	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2026	-0.0077	-0.0535	0.0411	0.0075	0.0000	-0.2152	0.0046	10.17	85.07%	11.96	-0.2673	-0.0098	-0.0658	0.0508	0.0118	0.0000	-0.2803	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.20	-0.0060	-0.0042	-0.0103	0.0217	0.0044	-0.0011	0.0045	0.0011	1.71	78.00%	2.20	-0.0079	-0.0053	-0.0127	0.0261	0.0063	-0.0014	0.0051	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0746	-0.0195	-0.0543	0.0267	0.0134	-0.0016	-0.1099	0.0091	9.40	78.60%	11.96	-0.0936	-0.0248	-0.0672	0.0346	0.0218	-0.0019	-0.1311	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.2200	-0.0362	-0.1371	0.1118	0.2253	0.0059	-0.0503	0.6073	[redacted]			-0.2473	-0.0421	-0.1637	0.1428	0.2253	0.0088	-0.0762	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0541	-0.0196	-0.0599	0.3281	0.0116	-0.0023	0.2038	0.0015	7.64	63.89%	11.96	-0.0584	-0.0214	-0.0716	0.4118	0.0166	-0.0045	0.2725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.83	-0.0101	-0.0033	-0.0086	0.0100	0.0036	-0.0008	-0.0092	0.0293	1.33	72.79%	1.83	-0.0127	-0.0042	-0.0106	0.0120	0.0053	-0.0010	-0.0112	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0014	0.0030	0.0021	0.0006	0.0043	0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0039	0.0028	0.0008	0.0058	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	-0.0025	-0.0637	0.0016	0.4062	0.0000	0.3416	0.0001	[redacted]			0.0000	-0.0032	-0.0781	0.0020	0.4039	0.0000	0.3246	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0208	-0.0212	-0.0557	0.2285	0.0067	-0.0012	0.1363	0.0347	[redacted]			-0.0257	-0.0269	-0.0671	0.2760	0.0108	-0.0015	0.1656	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0157	-0.0279	-0.0449	0.0377	0.0038	-0.0009	-0.0479	0.0940	[redacted]			-0.0197	-0.0355	-0.0550	0.0460	0.0058	-0.0014	-0.0598	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0284	-0.0294	-0.0430	0.1279	0.0091	0.0007	0.0369	0.0080	[redacted]			-0.0355	-0.0373	-0.0521	0.1603	0.0120	0.0010	0.0484	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0034	-0.0873	-0.0934	0.0157	0.0039	0.0002	-0.1643	0.0335	[redacted]			-0.0042	-0.1112	-0.1102	0.0196	0.0039	0.0003	-0.2018	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1467	-0.0070	-0.0517	0.1558	0.0137	-0.0003	-0.0362	0.0231	9.35	78.23%	11.96	-0.1766	-0.0086	-0.0635	0.1893	0.0212	-0.0004	-0.0386	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0303	-0.0889	-0.0986	0.1181	0.0015	-0.0021	-0.1003	2.2113	8.73	72.99%	11.96	-0.0363	-0.1094	-0.1197	0.1475	0.0021	-0.0027	-0.1185	0.00	0.00	0.85	1.13	1.11	0.00%	0.00%	11.17%	14.85%	14.59%
[redacted]	-0.0034	-0.0004	-0.0213	0.0192	0.0056	-0.0098	-0.0101	0.0000	[redacted]			-0.0041	-0.0005	-0.0265	0.0238	0.0079	-0.0126	-0.0120	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0720	-0.0048	-0.0321	0.0184	0.0091	0.0000	-0.0814	0.0164	6.44	53.88%	11.96	-0.0880	-0.0061	-0.0394	0.0224	0.0134	0.0000	-0.0977	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0030	-0.0016	-0.0059	0.0054	0.0029	0.0000	-0.0022	0.0000	0.92	85.99%	1.07	-0.0038	-0.0020	-0.0073	0.0065	0.0044	0.0000	-0.0022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0505	-0.0780	-0.0942	0.1514	0.0060	-0.0014	-0.0667	0.0000	[redacted]			-0.0602	-0.0947	-0.1145	0.1990	0.0090	-0.0016	-0.0630	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0603	-0.0208	-0.0622	0.0291	0.0078	-0.0002	-0.1066	0.0376	9.52	79.66%	11.96	-0.0740	-0.0255	-0.0739	0.0357	0.0126	-0.0004	-0.1255	0.48	0.48	0.41	0.41	0.41	4.18%	4.18%	3.57%	3.57%	3.57%
2.93	0.0000	0.0000	-0.0066	0.0257	0.0062	-0.0013	0.0240	0.0000	1.22	41.70%	2.93	0.0000	0.0000	-0.0077	0.0335	0.0084	-0.0014	0.0328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0489	-0.0744	-0.1365	0.0913	0.0055	-0.0013	-0.1643	0.0000	[redacted]			-0.0651	-0.0947	-0.1656	0.1146	0.0082	-0.0014	-0.2040	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0659	-0.0309	-0.0872	0.1821	0.0090	-0.0022	0.0049	0.0033	10.63	88.90%	11.96	-0.0826	-0.0374	-0.1073	0.2241	0.0132	-0.0028	0.0072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0485	-0.0252	-0.0753	0.1549	0.0087	-0.0019	0.0127	0.0710	10.76	89.97%	11.96	-0.0609	-0.0312	-0.0918	0.1903	0.0131	-0.0024	0.0171	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0290	-0.0142	-0.0562	0.0469	0.0052	-0.0009	-0.0482	0.0206	9.33	78.04%	11.96	-0.0367	-0.0183	-0.0690	0.0566	0.0079	-0.0011	-0.0606	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0085	0.0700	0.0082	-0.0008	0.0689	0.0000	1.96	82.06%	2.39	0.0000	0.0000	-0.0102	0.0870	0.0110	-0.0010	0.0868	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0925	-0.0057	-0.0399	0.2228	0.0079	-0.0004	0.0922	0.0235	10.30	86.16%	11.96	-0.1129	-0.0068	-0.0484	0.2767	0.0122	-0.0005	0.1203	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0732	-0.1560	-0.1006	0.1153	0.0103	-0.0036	-0.2078	13.2144	[redacted]			-0.0911	-0.2005	-0.1197	0.1427	0.0139	-0.0045	-0.2592	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0040	-0.0725	-0.0943	0.0169	0.0013	-0.0001	-0.1527	0.0129	[redacted]			-0.0049	-0.0924	-0.1141	0.0217	0.0014	-0.0001	-0.1884	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0697	-0.0177	-0.0674	0.0330	0.0190	-0.0027	-0.1055	0.3334	11.60	97.00%	11.96	-0.0874	-0.0225	-0.0823	0.0401	0.0278	-0.0034	-0.1277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0289	-0.1912	-0.1539	0.0196	0.0044	-0.0005	-0.3505	2.1847	[redacted]			-0.0360	-0.2434	-0.1860	0.0252	0.0060	-0.0007	-0.4349	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0495	-0.0110	-0.0597	0.0572	0.0119	-0.0028	-0.0539	0.1697	10.76	89.95%	11.96	-0.0667	-0.0145	-0.0737	0.0693	0.0183	-0.0031	-0.0704	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0834	-0.0279	-0.0472	0.0987	0.0083	-0.0003	-0.0518	0.1555	11.02	92.20%	11.96	-0.0959	-0.0333	-0.0580	0.1225	0.0134	-0.0005	-0.0518	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0308	-0.0015	-0.0271	0.0804	0.0052	-0.0018	0.0244	0.0192	7.90	66.06%	11.96	-0.0362	-0.0018	-0.0331	0.0978	0.0076	-0.0028	0.0315	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0066	-0.0018	-0.0060	0.0163	0.0041	-0.0006	0.0054	0.0000	1.25	42.74%	2.93	-0.0081	-0.0022	-0.0074	0.0202	0.0060	-0.0008	0.0077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0412	-0.0689	-0.1373	0.1994	0.0086	-0.0009	-0.0403	0.0024	10.33	86.39%	11.96	-0.0508	-0.0877	-0.1696	0.2481	0.0139	-0.0011	-0.0472	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0058	-0.0279	-0.0280	0.0433	0.0065	0.0006	-0.0113	0.1752	[redacted]			-0.0079	-0.0373	-0.0361	0.0549	0.0076	0.0006	-0.0182	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0051	-0.1609	-0.1651	0.0500	0.0013	0.0051	-0.2747	0.0000	[redacted]			-0.0063	-0.2049	-0.1962	0.0622	0.0014	0.0064	-0.3374	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0577	-0.0135	-0.0451	0.1282	0.0130	-0.0008	0.0241	0.0118	9.23	77.22%	11.96	-0.0710	-0.0175	-0.0542	0.1560	0.0208	-0.0010	0.0331	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0525	-0.0370	-0.0352	0.0112	0.0051	-0.0012	-0.1096	17.6907	[redacted]			-0.0639	-0.0470	-0.0427	0.0145	0.0075	-0.0015	-0.1331	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0178	-0.0256	-0.0706	0.0360	0.0065	-0.0030	-0.0745	0.0193	6.45	61.85%	10.43	-0.0223	-0.0319	-0.0852	0.0451	0.0092	-0.0038	-0.0889	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0827	-0.0498	-0.0997	0.1300	0.0108	-0.0018	-0.0932	0.1377	11.27	94.24%	11.96	-0.1085	-0.0633	-0.1233	0.1619	0.0150	-0.0022	-0.1204	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0192	-0.0173	-0.0192	0.0123	0.0023	-0.0007	-0.0418	0.0000	[redacted]			-0.0233	-0.0218	-0.0229	0.0152	0.0033	-0.0009	-0.0504	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.95	0.0000	0.0000	-0.0031	0.0446	0.0101	-0.0005	0.0511	0.0006	1.01	51.86%	1.95	0.0000	0.0000	-0.0036	0.0566	0.0134	-0.0005	0.0659	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0297	-0.1768	0.0653	0.0037	-0.0011	-0.1394	0.0039	[redacted]			-0.0010	-0.0378	-0.2173	0.0782	0.0037	-0.0014	-0.1756	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0074	-0.0024	-0.0131	0.0297	0.0050	-0.0008	0.0110	0.0007	1.72	72.21%	2.39	-0.0099	-0.0030	-0.0161	0.0357	0.0071	-0.0010	0.0128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0171	-0.0943	-0.1522	0.1337	0.0176	-0.0048	-0.1171	0.4610	[redacted]			-0.0205	-0.1128	-0.1864	0.1650	0.0257	-0.0062	-0.1352	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	0.0000	0.0000	-0.0072	0.0692	0.0144	-0.0005	0.0759	0.0000	2.54	86.56%	2.93	0.0000	0.0000	-0.0087	0.0863	0.0189	-0.0005	0.0960	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0042	-0.0017	-0.0013	0.0030	0.0014	0.0000	-0.0028	0.0000	[redacted]			-0.0051	-0.0022	-0.0016	0.0044	0.0020	0.0000	-0.0025	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.26	0.0000	0.0000	-0.0048	0.0602	0.0200	-0.0013	0.0741	0.0034	1.48	65.58%	2.26	0.0000	0.0000	-0.0057	0.0784	0.0253	-0.0013	0.0967	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0023	-0.0100	-0.0197	0.0639	0.0041	-0.0013	0.0347	0.0000	1.53	64.04%	2.39	-0.0030	-0.0127	-0.0237	0.0774	0.0056	-0.0017	0.0419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.83	-0.0049	-0.0057	-0.0078	0.0492	0.0037	-0.0001	0.0344	0.0000	1.53	83.44%	1.83	-0.0061	-0.0072	-0.0095	0.0601	0.0055	-0.0001	0.0427	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0331	-0.0039	-0.0311	0.1474	0.0059	0.0000	0.0852	0.0000	[redacted]			-0.0413	-0.0049	-0.0364	0.1803	0.0098	0.0000	0.1075	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.26	-0.0041	-0.0186	-0.0251	0.0618	0.0038	-0.0005	0.0173	0.0000	2.01	88.82%	2.26	-0.0052	-0.0236	-0.0303	0.0754	0.0054	-0.0006	0.0211	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0263	-0.0480	-0.0683	0.1323	0.0056	-0.0008	-0.0055	0.0000	[redacted]			-0.0328	-0.0611	-0.0804	0.1733	0.0096	-0.0008	0.0078	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1610	-0.0490	-0.0780	0.2035	0.0096	-0.0017	-0.0766	0.2411	11.69	97.77%	11.96	-0.1953	-0.0623	-0.0957	0.2546	0.0146	-0.0021	-0.0862	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2244	-0.1867	-0.3019	0.2487	0.0273	-0.0028	-0.4398	15.2691	[redacted]			-0.2735	-0.2403	-0.3536	0.3207	0.0388	-0.0030	-0.5109	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0490	-0.0622	-0.0843	0.0235	0.0043	-0.0041	-0.1718	0.0108	8.13	67.99%	11.96	-0.0576	-0.0756	-0.1033	0.0288	0.0063	-0.0052	-0.2066	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0363	-0.0455	-0.0477	0.0330	0.0088	0.0039	-0.0838	0.7399	8.71	83.50%	10.43	-0.0436	-0.0565	-0.0573	0.0410	0.0114	0.0048	-0.1002	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0503	-0.0031	-0.0476	0.1818	0.0068	0.0000	0.0876	0.0178	13.17	81.43%	16.18	-0.0637	-0.0040	-0.0582	0.2222	0.0106	0.0000	0.1069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0830	-0.0670	-0.0724	0.0763	0.0071	-0.0005	-0.1395	0.0000	6.62	55.37%	11.96	-0.1014	-0.0851	-0.0870	0.0930	0.0112	-0.0006	-0.1699	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0455	-0.0243	-0.0527	0.0762	0.0076	-0.0089	-0.0476	0.0119	7.45	71.35%	10.43	-0.0574	-0.0309	-0.0645	0.0925	0.0116	-0.0104	-0.0591	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0291	-0.1201	-0.1225	0.0634	0.0015	-0.0005	-0.2073	0.0111	9.17	76.72%	11.96	-0.0358	-0.1524	-0.1478	0.0784	0.0018	-0.0005	-0.2563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0521	-0.0345	-0.0688	0.1505	0.0077	-0.0008	0.0020	0.0000	9.51	79.52%	11.96	-0.0604	-0.0407	-0.0842	0.1880	0.0118	-0.0011	0.0134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0252	-0.0259	-0.0509	0.0761	0.0065	-0.0015	-0.0209	0.0045	7.67	64.15%	11.96	-0.0297	-0.0310	-0.0623	0.0944	0.0097	-0.0019	-0.0208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0504	-0.0666	-0.1028	0.0588	0.0049	-0.0006	-0.1567	0.0000	[redacted]			-0.0648	-0.0861	-0.1245	0.0747	0.0074	-0.0007	-0.1940	0.00	0.00	0.00	0.00	0.00	[redacted]				

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Lithium		0.0000	6.42	53.70%	11.96	-0.0075	-0.0132	-0.0225	0.0234	0.0005	-0.0004	-0.0197	0.0000	6.41	53.62%	11.96	-0.0143	-0.0243	-0.0389	0.0482	0.0011	-0.0008	-0.0290	0.0001	6.40	53.51%	11.96	-0.0215	-0.0362	-0.0559	0.0723	0.0021	-0.0012	-0.0404	0.0006	6.39	53.41%
Little Mountain		0.0000	31.24	94.87%	32.93	-0.1406	0.0000	-0.1066	0.0532	0.0048	-0.0021	-0.1913	0.0000	31.08	94.38%	32.93	-0.2588	0.0000	-0.2071	0.1156	0.0124	-0.0040	-0.3419	0.0000	30.92	93.89%	32.93	-0.3878	0.0000	-0.3069	0.1831	0.0235	-0.0058	-0.4939	0.0000	30.90	93.81%
Littler		0.0000	5.30	44.29%	11.96	-0.0026	-0.0032	-0.0020	0.0087	0.0005	-0.0001	0.0013	0.0000	5.30	44.31%	11.96	-0.0051	-0.0064	-0.0037	0.0181	0.0012	-0.0002	0.0039	0.0000	5.30	44.37%	11.96	-0.0070	-0.0089	-0.0054	0.0292	0.0022	-0.0004	0.0097	0.0000	5.31	44.42%
Livermore		0.0004	11.20	93.71%	11.96	-0.0560	-0.0011	-0.0083	0.0265	0.0039	-0.0001	-0.0351	0.0067	11.21	93.77%	11.96	-0.0769	-0.0016	-0.0188	0.0587	0.0066	-0.0035	-0.0355	0.0098	10.69	89.42%	11.96	-0.0987	-0.0021	-0.0288	0.0900	0.0100	-0.0070	-0.0366	0.0173	10.70	89.47%
Llewellyn	GNA_2023_185	0.1302	2.03	102.56%	1.98	-0.0025	-0.0006	-0.0031	0.0170	0.0007	-0.0001	0.0114	0.1808	1.83	92.03%	1.98	-0.0038	-0.0010	-0.0063	0.0396	0.0018	-0.0002	0.0301	0.1969	1.86	93.84%	1.98	-0.0052	-0.0014	-0.0094	0.0610	0.0032	-0.0003	0.0479	0.2061	1.89	95.20%
Lloyd		0.0001	4.53	43.44%	10.43	-0.0009	-0.0001	-0.0035	0.0257	0.0019	0.0000	0.0231	0.0024	4.56	43.74%	10.43	-0.0017	-0.0002	-0.0078	0.0538	0.0058	0.0000	0.0499	0.0035	4.59	44.02%	10.43	-0.0025	-0.0003	-0.0114	0.0827	0.0081	-0.0001	0.0765	0.0060	4.62	44.31%
Lobby		0.0001	10.20	97.52%	10.46	-0.0147	-0.0133	-0.0235	0.0280	0.0009	-0.0012	-0.0238	0.0008	10.20	97.54%	10.46	-0.0220	-0.0208	-0.0448	0.0654	0.0026	-0.0024	-0.0220	0.0011	10.20	97.55%	10.46	-0.0305	-0.0288	-0.0660	0.1020	0.0051	-0.0037	-0.0219	0.0015	10.18	97.39%
Lobet		0.0002	8.49	71.04%	11.96	-0.0081	-0.0149	-0.0211	0.0147	0.0002	-0.0014	-0.0306	0.0019	8.47	70.87%	11.96	-0.0148	-0.0279	-0.0396	0.0319	0.0014	-0.0027	-0.0517	0.0026	8.45	70.69%	11.96	-0.0218	-0.0419	-0.0579	0.0505	0.0031	-0.0041	-0.0721	0.0029	8.43	70.53%
Lobo		0.0004	10.17	85.10%	11.96	-0.0610	-0.0013	-0.0099	0.0275	0.0012	0.0000	-0.0435	0.0045	10.15	84.89%	11.96	-0.1080	-0.0025	-0.0207	0.0576	0.0033	-0.0001	-0.0704	0.0064	10.15	84.86%	11.96	-0.1404	-0.0033	-0.0310	0.0926	0.0065	-0.0002	-0.0758	0.0107	10.14	84.83%
Local		0.4058	10.25	74.97%	13.68	-0.0025	-0.0161	-0.0276	0.0294	0.0017	-0.0005	-0.0156	0.5184	10.38	75.89%	13.68	-0.0046	-0.0290	-0.0503	0.0682	0.0038	-0.0011	-0.0130	0.5626	10.43	76.26%	13.68	-0.0068	-0.0428	-0.0724	0.1062	0.0064	-0.0016	-0.0110	0.8907	10.78	78.84%
Lock		0.0757	2.50	85.34%	2.93	0.0000	0.0000	-0.0034	0.0104	0.0008	-0.0002	0.0076	0.1035	2.53	86.50%	2.93	-0.0014	-0.0011	-0.0085	0.0218	0.0018	-0.0004	0.0122	0.1090	2.56	87.26%	2.93	-0.0014	-0.0011	-0.0107	0.0353	0.0063	-0.0005	0.0279	0.1160	2.57	87.75%
Lockhart		0.0000	[redacted]			-0.0168	-0.0087	-0.0179	0.0031	0.0023	-0.0001	-0.0381	0.0000	[redacted]			-0.0211	-0.0105	-0.0336	0.0077	0.0112	-0.0006	-0.0469	0.0000	[redacted]			-0.0216	-0.0107	-0.0485	0.0118	0.0218	-0.0016	-0.0488	0.0000	[redacted]	
Lockner		0.0585	9.93	83.02%	11.96	-0.0256	-0.0013	-0.0089	0.0154	0.0014	-0.0001	-0.0191	0.0777	9.93	83.07%	11.96	-0.0462	-0.0024	-0.0193	0.0314	0.0036	-0.0002	-0.0331	0.0845	9.92	83.00%	11.96	-0.0668	-0.0036	-0.0299	0.0465	0.0066	-0.0003	-0.0475	0.1625	8.26	69.05%
Locksley		0.0000	10.63	65.73%	16.18	-0.0123	-0.0177	-0.0316	0.0721	0.0020	-0.0017	0.0108	0.0000	10.66	65.88%	16.18	-0.0220	-0.0337	-0.0637	0.1492	0.0052	-0.0033	0.0317	0.0000	10.68	66.00%	16.18	-0.0328	-0.0508	-0.0959	0.2245	0.0099	-0.0048	0.0501	0.0000	10.72	66.28%
Locomotive		0.0002	[redacted]			-0.0118	-0.0132	-0.0217	0.0272	0.0007	-0.0008	-0.0196	0.0032	[redacted]			-0.0209	-0.0245	-0.0426	0.0582	0.0018	-0.0015	-0.0295	0.0045	[redacted]			-0.0311	-0.0366	-0.0637	0.0843	0.0034	-0.0022	-0.0459	0.0075	[redacted]	
Lodestar		0.0002	[redacted]			0.0000	-0.0006	0.0000	0.0006	0.0112	0.0000	0.0112	0.0027	[redacted]			0.0000	-0.0011	0.0000	0.0012	0.0240	0.0000	0.0241	0.0027	[redacted]			0.0000	-0.0016	0.0000	0.0018	0.0358	0.0000	0.0360	0.0027	[redacted]	
Loftus		0.0003	[redacted]			-0.0045	-0.0194	-0.0414	0.0223	0.0009	-0.0004	-0.0425	0.0056	[redacted]			-0.0084	-0.0357	-0.0715	0.0466	0.0020	-0.0008	-0.0678	0.0081	[redacted]			-0.0124	-0.0532	-0.1022	0.0700	0.0038	-0.0012	-0.0952	0.0139	[redacted]	
Logan		0.0003	7.24	78.89%	9.17	-0.0047	-0.0072	-0.0186	0.0014	0.0006	-0.0009	-0.0294	0.0047	7.22	78.72%	9.17	-0.0067	-0.0098	-0.0350	0.0035	0.0023	-0.0024	-0.0481	0.0068	7.20	78.53%	9.17	-0.0087	-0.0126	-0.0522	0.0061	0.0044	-0.0039	-0.0669	0.0116	7.19	78.40%
Lola		0.0001	6.91	57.77%	11.96	-0.0055	-0.0280	-0.0357	0.0108	0.0004	-0.0003	-0.0583	0.0011	6.86	57.39%	11.96	-0.0108	-0.0522	-0.0627	0.0224	0.0015	-0.0005	-0.1023	0.0013	6.81	56.99%	11.96	-0.0164	-0.0781	-0.0885	0.0340	0.0027	-0.0007	-0.1470	0.0016	6.77	56.66%
Lolita		0.0001	7.99	66.83%	11.96	-0.0327	-0.0095	-0.0181	0.0211	0.0007	-0.0001	-0.0386	0.0019	7.96	66.61%	11.96	-0.0587	-0.0176	-0.0329	0.0434	0.0018	-0.0002	-0.0642	0.0022	7.94	66.38%	11.96	-0.0850	-0.0263	-0.0468	0.0651	0.0038	-0.0003	-0.0895	0.0030	7.91	66.15%
Lomas		0.0004	11.90	73.55%	16.18	-0.0146	-0.0146	-0.0287	0.0276	0.0007	-0.0007	-0.0303	0.0076	11.88	73.47%	16.18	-0.0265	-0.0273	-0.0543	0.0576	0.0020	-0.0014	-0.0499	0.0111	11.86	73.34%	16.18	-0.0406	-0.0409	-0.0807	0.0875	0.0042	-0.0020	-0.0725	0.0193	11.85	73.23%
Lombard		0.0000	6.22	38.45%	16.18	-0.0046	-0.0147	-0.0247	0.0376	0.0004	-0.0006	-0.0066	0.0000	6.25	38.66%	16.18	-0.0069	-0.0222	-0.0447	0.0992	0.0014	-0.0013	0.0255	0.0000	6.28	38.85%	16.18	-0.0094	-0.0302	-0.0642	0.1577	0.0029	-0.0021	0.0547	0.0000	6.31	39.00%
Lombardy		0.0000	1.87	63.88%	2.93	-0.0017	-0.0001	-0.0018	0.0116	0.0006	0.0000	0.0086	0.0000	1.88	64.23%	2.93	-0.0032	-0.0002	-0.0040	0.0240	0.0015	0.0000	0.0181	0.0000	1.89	64.58%	2.93	-0.0048	-0.0003	-0.0063	0.0360	0.0027	0.0000	0.0273	0.0000	1.90	64.93%
Lomita		0.0004	[redacted]			-0.0011	-0.0383	-0.0599	0.0116	0.0003	0.0000	-0.0874	0.0058	[redacted]			-0.0022	-0.0699	-0.1061	0.0241	0.0009	0.0000	-0.1532	0.0074	[redacted]			-0.0034	-0.1040	-0.1504	0.0368	0.0017	0.0000	-0.2193	0.0085	[redacted]	
London		0.0000	[redacted]			-0.0022	-0.0011	-0.0024	0.0254	0.0003	-0.0001	0.0199	0.0000	[redacted]			-0.0044	-0.0021	-0.0045	0.0530	0.0010	-0.0002	0.0428	0.0001	[redacted]			-0.0067	-0.0031	-0.0066	0.0805	0.0020	-0.0003	0.0658	0.1655	[redacted]	
Long		0.0000	1.14	93.52%	1.22	-0.0028	0.0000	-0.0011	0.0041	0.0008	0.0000	0.0010	0.0000	1.15	93.90%	1.22	-0.0042	0.0000	-0.0022	0.0096	0.0023	0.0000	0.0055	0.0000	1.15	94.30%	1.22	-0.0058	0.0000	-0.0033	0.0148	0.0043	0.0000	0.0100	0.0000	1.16	94.67%
Longhorn		0.0000	7.79	65.11%	11.96	-0.0076	-0.0078	-0.0192	0.0371	0.0010	-0.0005	0.0030	0.0000	7.80	65.22%	11.96	-0.0135	-0.0148	-0.0343	0.0766	0.0022	-0.0010	0.0152	0.0000	7.81	65.32%	11.96	-0.0199	-0.0222	-0.0498	0.1150	0.0042	-0.0014	0.0259	0.0000	7.82	65.39%
Loper		0.0284	[redacted]			-0.0087	-0.0027	-0.0058	0.0057	0.0006	-0.0001	-0.0110	0.0346	[redacted]			-0.0154	-0.0050	-0.0119	0.0118	0.0015	-0.0002	-0.0192	0.0387	[redacted]			-0.0201	-0.0065	-0.0181	0.0190	0.0031	-0.0003	-0.0229	0.0425	[redacted]	
Lopez		1.5340	14.01	86.63%	16.18	-0.0104	-0.0185	-0.0379	0.1450	0.0010	-0.0004	0.0788	1.5340	14.13	87.33%	16.18	-0.0196	-0.0346	-0.0658	0.3011	0.0022	-0.0009	0.1824	1.5340	14.23	87.98%	16.18	-0.0296	-0.0518	-0.0973	0.4549	0.0039	-0.0025	0.2776	1.5340	14.31	88.44%
Loquat		0.0000	9.43	59.39%	15.88	-0.0089	-0.0239	-0.0380	0.0326	0.0010	-0.0015	-0.0387	0.0000	9.44	59.43%	15.88	-0.0132	-0.0363	-0.0679	0.0860	0.0023	-0.0034	-0.0325	0.0000	9.45	59.47%	15.88	-0.0180	-0.0495	-0.0954	0.1372	0.0040	-0.0054	-0.0271	0.0000	9.45	59.47%
Lorene		0.0003	10.93	91.39%	11.96	-0.0383	-0.0050	-0.0155	0.0268	0.0004	-0.0005	-0.0321	0.0040	10.93	91.39%	11.96	-0.0577	-0.0079	-0.0311	0.0603	0.0022	-0.0010	-0.0352	0.0047	10.92	91.33%	11.96	-0.0800	-0.0110	-0.0470	0.0918	0.0052	-0.0015	-0.0425	0.0047	10.91	91.23%
Loreta		0.0000	2.72	100.38%	2.71	-0.0031	-0.0019	-0.0042	0.0209	0.0010	0.0001	0.0128	0.0000	2.74	101.00%	2.71	-0.0056	-0.0037	-0.0076	0.0435	0.0021	0.0003	0.0290	0.0001	2.75	101.64%	2.71	-0.0083	-0.0056	-0.0110	0.0664	0.0034	0.0005	0.0454	0.0000	0.00	0.00%
Lorna		0.0000	9.63	80.51%	11.96	-0.0092	-0.0148	-0.0233	0.0175	0.0015	-0.0009	-0.0292	0.0000	9.60	80.30%	11.96	-0.0174	-0.0281	-0.0447	0.0360	0.0039	-0.0017	-0.0520	0.0000	9.58	80.09%	11.96	-0.0253	-0.0422	-0.0659	0.0539	0.0075	-0.0024	-0.0744	0.0000	8.23	68.86%
Los Carneros		0.0001	3.15	19.44%	16.18	0.0000	0.0000	-0.0060	0.0098	0.0035	-0.0013	0.0060	0.0018	3.15	19.50%	16.18	0.0000	0.0000	-0.0110	0.0200	0.0061	-0.0023	0.0128	0.0026	3.17	19.57%	16.18	0.0000	0.0000	-0.0159	0.0312	0.0101	-0.0030	0.0224	0.0045	3.18	19.63%
Lotto	GNA_2023_242	0.0004	9.65	92.51%	10.43	-0.0804	-0.0029	-0.0129	0.0149	0.0017	0.0005	-0.0791	0.0064	9.60	92.02%	10.43	-0.1376	-0.0048	-0.0292	0.0359	0.0031	0.0004	-0.1322	0.0093	9.55	91.49%	10.43	-0.1966	-0.0069	-0.0460	0.0579	0.0055	0.0005	-0.1856	0.0162	9.50	91.02%
Lotus		0.0000	[redacted]			-0.0086	-0.0136	-0.0244	0.0170	0.0014	0.0000	-0.0282	0.0000	[redacted]			-0.0107	-0.0167	-0.0438	0.0426	0.0042	-0.0007	-0.0251	0.0005	[redacted]			-0.0130	-0.0200	-0.0601	0.0667	0.0074	-0.0015	-0.0205	0.0016	[redacted]	
Loucks		0.0000	[redacted]			-0.0013	-0.0001	-0.0004	0.0082	0.0002	0.0000	0.0066	0.0001	[redacted]			-0.0026	-0.0001	-0.0008	0.0170	0.0005	0.0000	0.0140	0.0001	[redacted]			-0.0039	-0.0001	-0.0012	0.0255	0.0011	0.0000	0.0214	0.0009	[redacted]	
Love		0.0306	2.29	122.06%	1.88	-0.0053	-0.0006	-0.0034	0.0073	0.0006	-0.0002	-0.0016	0.0404	0.88	46.99%	1.88	-0.0094	-0.0012	-0.0073	0.0149	0.0015	-0.0004	-0.0019	0.0418	0.88	47.04%	1.88	-0.0140	-0.0018	-0.0113	0.0221	0.0030	-0.0006	-0.0026	0.0418	0.88	46.98%
Lowell	GNA_2023_306	0.0000	2.47	84.42%	2.93	-0.0024	-0.0002	-0.0019	0.0277	0.0004	-0.0001	0.0235	0.0000	0.44	15.10%	2.93	-0.0042	-0.0004	-0.0038	0.0566	0.0020	-0.0002	0.0500	0.0000	0.43	14.71%	2.93	-0.0062	-0.0006	-0.0061	0.0840	0.0034	-0.0003	0.0742	0.0000	0.46	15.53%
Lowry		0.0003	[redacted]			-0.0051	-0.0178	-0.0369	0.0117	0.0006	-0.0007	-0.0482	0.0054	[redacted]			-0.0093	-0.0327	-0.0691	0.0245	0.0021	-0.0014	-0.0859	0.0072	[redacted]			-0.0137	-0.0487	-0.1032	0.0373	0.0041	-0.0021	-0.1263	0.0088	[redacted]	
Lucerne		0.0001	2.17	34.66%	6.26	-0.0034	-0.0002	-0.0015	0.0121	0.0031	0.0003	0.0104	0.0014	2.18	34.88%	6.26	-0.0067	-0.0004	-0.0030	0.0250	0.0066	0.0013	0.0228	0.0020	2.20	35.10%	6.26	-0.0101	-0.0006	-0.0046	0.0383	0.0104	0.0022	0.0356	0.0035	2.21	35.33%
Lucia		0.0005	9.30	88.05%	10.57	-0.0085	-0.0262	-0.0455	0.0428	0.0012	-0.0004	-0.0366	0.0064	9.29	87.97%	10.57	-0.0153	-0.0492	-0.0768	0.0892	0.0025	-0.0006	-0.0502	0.0087	9.28	87.85%	10.57	-0.0229	-0.0738	-0.1070	0.1355	0.0044	-0.0010	-0.0648	0.0116	9.28	87.80%
Luckman		0.0000	[redacted]			-0.0008	-0.0268	-0.0451	0.0113	0.0006	0.0000	-0.0608	0.0000	[redacted]			-0.0016	-0.0493	-0.0792	0.0241	0.0015	-0.0001	-0.1046	0.0000	[redacted]			-0.0024	-0.0735	-0.1116	0.0373	0.0025	-0.0001	-0.1478	0.0000	[redacted]	
Lugonia		0.0002	4.36	54.70%	7.98	-0.0061	-0.0092	-0.0180	0.0065	0.0005	-0.0001	-0.0264	0.0036	4.35	54.49%	7.98	-0.0109	-0.0170	-0.0316	0.0134	0.0014	-0.0002	-0.0449	0.0041	4.33	54.24%	7.98	-0.0159	-0.0254	-0.0448	0.0201	0.0027	-0.0003	-0.0636	0.0056	4.31	54.05%
Luiseno		0.0007	[redacted]			0.0000	0.0000	-0.0058	0.0572	0.0072	-0.0019	0.0567	0.0112	[redacted]			0.0000	0.0000	-0.0122	0.1375	0.0148	-0.0030	0.1371	0.0162	[redacted]			0.0000	0.0000	-0.0187	0.2437	0.0230	-0.0038	0.2442	0.0769	[redacted]	
Luna		0.0003	8.91	55.10%	16.18	-0.0053	-0.0124	-0.0269	0.0250	0.0004	-0.0010	-0.0202	0.0043	8.91	55.06%	16.18	-0.0098	-0.0234	-0.0499	0.0534	0.0014	-0.0019	-0.0302	0.0053	8.91	55.07%	16.18	-0.0133	-0.0318	-0.0710	0.0862	0.0031	-0.0035	-0.0303	0.0061	8.91	55.06%
Lupine		1.3350	[redacted]			-0.0022	-0.0150	-0.0267	0.0034	0.0001	-0.0009	-0.0413	2.8380	[redacted]			-0.0044	-0.0278	-0.0475	0.0075	0.0004	-0.0016	-0.0734	2.8391	[redacted]			-0.0066	-0.0416	-0.0672	0.0121	0.0008	-0.0024	-0.1049	2.8410	[redacted]	
Luray		0.0000	1.51	51.70%	2.93	-0.0025	-0.0015	-0.0038	0.0079	0.0004	-0.0004	0.0001	0.0002	1.52	51.77%	2.93	-0.0045	-0.0030	-0.0073	0.0161	0.0013	-0.0007	0.0019	0.0002	1.52	51.82%	2.93	-0.0068	-0.0045	-0.0108	0.0239	0.0026	-0.0011	0.0033	0.0157	1.54	52.60%
Lusk	GNA_2023_210	0.2595	9.92	82.98%	11.96	-0.0300	-0.0223	-0.0319	0.0128	0.0009	-0.0006	-0.0711	0.6068	10.25	85.69%	11.96	-0.0535	-0.0416	-0.0582	0.0267	0.0023	-0.0010	-0.1253	0.7268	10.34	86.47%	11.96	-0.0691	-0.0552	-0.0821	0.0430	0.0043	-0.0014	-0.1605	0.7994	10.38	86.80%
Luther		0.0000	1.60	54.78%	2.93	-0.0017	-0.0020	-0.0044	0.0191	0.0011	-0.0004	0.0117	0.0000	1.62	55.27%	2.93	-0.0031	-0.0039	-0.0079	0.0391	0.0020	-0.0008	0.0254	0.0000	1.63	55.73%	2.93	-0.0047	-0.0059	-0.0114	0.0580	0.0033	-0.0012	0.0381	0.0000	1.64	56.13%
Luxor	GNA_2023_145	0.0002	10.91	96.85%	11.26	-0.0055	-0.0318	-0.0424	0.0114	0.0009	-0.0001	-0.0675	0.0041	10.85	96.39%	11.26	-0.0104	-0.0584	-0.0796	0.0249	0.0021	-0.0006	-0.1220	0.0041	10.12	89.88%	11.26	-0.0159	-0.0870	-0.1163	0.0387	0.0034	-0.0011	-0.1782	0.0425	10.10	89.73%
Luz		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Lyell		0.0002	8.99	75.20%	11.96	-0.0192	-0.0068	-0.0176	0.0583	0.0009	-0.0008	0.0148	0.0026	9.49	79.33%	11.96	-0.0365	-0.0130	-0.0341	0.1202	0.0032	-0.0015	0.0383	0.0044	9.51	79.54%	11.96	-0.0546	-0.0196	-0.0506	0.1804	0.0061	-0.0022	0.0595	0.0086	9.56	79.92%
Lyndora	GNA_2023_184	0.0000	2.21	124.26%	1.78	-0.0038	-0.0007	-0.0035	0.0090	0.0006	-0.0003	0.0013	0.0001	2.21	94.44%	2.34	-0.0068	-0.0014	-0.0071	0.0184	0.0016	-0.0005	0.0042	0.0002	2.21	94.53%	2.34	-0.0103	-0.0022	-0.0107	0.0273	0.0030	-0.0007	0.0064	0.0003	2.22	94.60%
Lynne		0.0003	10.94	91.46%	11.96	-0.0096	-0.0109	-0.0205	0.0232	0.0008	-0.0004	-0.0174	0.0055	10.93	91.41%	11.96	-0.0172	-0.0205	-0.0400	0.0487	0.0020	-0.0008	-0.0278	0.0068	10.92	91.32%	11.96	-0.0257	-0.0308	-0.0594	0.0744	0.0038	-0.0011	-0.0388	0.0077	10.91	91.23%
Lynx		0.0000	4.41	36.88%	11.96	-0.0025	-0.0071	-0.0162	0.0057	0.0005	-0.0002	-0.0198	0.0000	4.40	36.76%	11.96	-0.0049	-0.0131	-0.0275	0.0118	0.0011	-0.0004	-0.0330	0.0117	4.40	36.83%	11.96	-0.0056	-0.0149	-0.0384	0.0199	0.0023	-0.0008	-0.0375	0.3723	4.78	39.98%
Lyons		0.7006	16.28	100.66%	16.18	-0.0111	-0.0231	-0.0479	0.0348	0.0009	-0.0019	-0.0483	1.1222	11.88	73.44%	16.18	-0.0199	-0.0440	-0.0834	0.0726	0.0019	-0.0036	-0.0764	1.4897	11.89	73.53%	16.18	-0.0296	-0.0663	-0.1196	0.1101	0.0035	-0.0052	-0.1071	2.2828	11.89	73.50%
Lytle	GNA_2023_1	1.4909	[redacted]			-0.0037	-0.0253	-0.0221	0.0064	0.0019	0.0002	-0.0426	1.4913	[redacted]			-0.0063	-0.0409	-0.0362	0.0152	0.0052	0.0007	-0.0623	1.4913	[redacted]			-0.0088	-0.0578	-0.0504	0.0243	0.0078	0.0012	-0.0837	1.4913	[redacted]	
Lytton		0.0099	2.35	83.92%	2.80	-0.0027	-0.0028	-0.0040	0.0025	0.0001	-0.0001	-0.0070	0.0133	2.35	83.85%	2.80	-0.0052	-0.0052	-0.0073	0.0051	0.0005	-0.0002	-0.0123	0.0146	2.34	83.71%	2.80	-0.0076	-0.0078	-0.0105	0.0077	0.0011	-0.0003	-0.0174	0.0155	2.34	83.56%
M.G.M.		1.0574	11.45	76.05%	15.06	-0.0008	-0.0250	-0.0409	0.0084	0.0003	0.0000	-0.0580	1.1285	11.49	76.29%	15.06	-0.0016	-0.0458	-0.0670	0.0184	0.0019	0.0000	-0.0941	0.2765	10.55	70.03%	15.06	-0.0024	-0.0682	-0.0984	0.0293	0.0027	0.0000	-0.1370	0.3532	10.58	70.27%
Maas		0.0000	1.90	89.14%	2.14	0.0000	0.0000	-0.0034	0.0046	0.0008	-0.0004	0.0016	0.0000	1.91	89.22%	2.14	0.0000	0.0000	-0.0069	0.0092	0.0019	-0.0010	0.0032	0.0000	1.91	89.30%	2.14	0.0000	0.0000	-0.0103	0.0137	0.0032	-0.0017	0.0049	0.0000	1.91	89.46%
Mable		0.0000	[redacted]			-0.0036	-0.0257	-0.0620	0.0129	0.0009	-0.0001	-0.0776	0.0000	[redacted]			-0.0071	-0.0466	-0.1042	0.0273	0.0019	-0.0002	-0.1289	0.0002	[redacted]			-0.0108	-0.0691	-0.1465	0.0422	0.0036	-0.0003	-0.1809	0.0006	[redacted]	
Macadamia		0.0001	[redacted]			-0.0047	-0.0237	-0.0319	0.0085	0.0003	-0.0005	-0.0520	0.0007	[redacted]			-0.0093	-0.0439	-0.0559	0.0181	0.0012	-0.0009	-0.0907	0.0129	[redacted]			-0.0141	-0.0655	-0.0789	0.0282	0.0021	-0.0013	-0.1295	0.4227	[redacted]	
Machine		0.0003	9.90	82.82%	11.96	-0.0012	-0.0076	-0.0414	0.0144	0.0012	-0.0029	-0.0375	0.0054	9.88	82.62%	11.96	-0.0022	-0.0141	-0.0756	0.0293	0.0030	-0.0055	-0.0651	0.0079	9.85	82.39%	11.96	-0.0034	-0.0211	-0.1097	0.0434	0.0056	-0.0082	-0.0934	0.1292	9.95	83.22%
Macho		0.0000	5.79	48.44%	11.96	-0.0053	-0.0028	-0.0060	0.0204	0.0110	0.0015	0.0188	0.0000	5.82	48.64%	11.96	-0.0100	-0.0055	-0.0123	0.0420	0.0238	0.0028	0.0408	0.0000	5.84	48.84%	11.96	-0.0151	-0.0083	-0.0186	0.0642	0.0365	0.0041	0.0628	0.0000	5.87	49.05%
Maciel		0.0000	8.92	74.60%	11.96	-0.0137	-0.0024	-0.0086	0.0383	0.0009	-0.0001	0.0144	0.0000	8.94	74.78%	11.96	-0.0243	-0.0046	-0.0183	0.0789	0.0024	-0.0002	0.0339	0.0000	8.96	74.94%	11.96	-0.0356	-0.0070	-0.0282	0.1183	0.0046	-0.0003	0.0518	0.0000	8.99	75.20%
Mack		0.8262	10.44	87.31%	11.96	-0.0206	-0.0013	-0.0084	0.0094	0.0008	-0.0001	-0.0202	0.8300	10.44	87.31%	11.96	-0.0274	-0.0018	-0.0167	0.0206	0.0023	-0.0015	-0.0245	0.8318	10.44	87.28%	11.96	-0.0351	-0.0023	-0.0250	0.0312	0.0043	-0.0029	-0.0298	0.8362	10.42	87.15%
Macy		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Madera		0.0000	1.95	82.86%	2.36	-0.0071	-0.0009	-0.0030	0.0140	0.0004	-0.0001	0.0033	0.0000	1.96	83.17%	2.36	-0.0128	-0.0017	-0.0062	0.0292	0.0016	-0.0001	0.0100	0.0000	1.97	83.43%	2.36	-0.0195	-0.0026	-0.0094	0.0443	0.0029	-0.0001	0.0156	0.0000	2.00	84.78%
Madison		2.1297	[redacted]			-0.0016	-0.0331	-0.0489	0.0222	0.0010	-0.0003	-0.0607	2.1297	[redacted]			-0.0032	-0.0618	-0.0872	0.0463	0.0023	-0.0004	-0.1040	2.1297	[redacted]			-0.0049	-0.0934	-0.1232	0.0693	0.0032	-0.0005	-0.1495	2.1297	[redacted]	
Madrone		0.0000	1.80	61.40%	2.93	-0.0018	-0.0003	-0.0019	0.0092	0.0007	0.0000	0.0059	0.0000	1.81	61.63%	2.93	-0.0033	-0.0005	-0.0040	0.0188	0.0017	0.0000	0.0127	0.0002	1.81	61.86%	2.93	-0.0049	-0.0008	-0.0062	0.0279	0.0034	0.0000	0.0194	0.0007	0.00	0.00%
Magazine		0.0002	5.37	44.92%	11.96	-0.0023	-0.0020	-0.0108	0.0450	0.0010	-0.0006	0.0303	0.0031	4.72	39.51%	11.96	-0.0102	-0.0087	-0.0217	0.0819	0.0023	-0.0008	0.0428	0.0045	7.77	65.03%	11.96	-0.0186	-0.0159	-0.0326	0.1213	0.0040	-0.0010	0.0572	0.0077	7.81	65.34%
Magenta		0.0000	9.34	78.14%	11.96	-0.0065	-0.0414	-0.0403	0.0159	0.0004	-0.0015	-0.0734	0.0000	9.28	77.62%	11.96	-0.0129	-0.0769	-0.0726	0.0331	0.0015	-0.0027	-0.1305	0.0006	9.22	77.10%	11.96	-0.0196	-0.1150	-0.1044	0.0502	0.0026	-0.0039	-0.1901	0.0299	9.19	76.84%
Magic		0.0003	9.04	55.87%	16.18	-0.0011	-0.0183	-0.0248	0.0047	0.0001	-0.0001	-0.0395	0.0050	9.01	55.70%	16.18	-0.0022	-0.0335	-0.0445	0.0101	0.0003	-0.0003	-0.0701	0.0062	8.98	55.50%	16.18	-0.0033	-0.0499	-0.0644	0.0158	0.0005	-0.0005	-0.1018	0.0062	8.95	55.30%
Magnolia	GNA_2023_69	0.0003	9.38	78.46%	11.96	-0.0331	-0.0092	-0.0173	0.0169	0.0008	-0.0002	-0.0421	0.0056	10.43	87.19%	11.96	-0.0601	-0.0174	-0.0331	0.0352	0.0029	-0.0003	-0.0728	0.0080	10.40	86.99%	11.96	-0.0851	-0.0249	-0.0491	0.0566	0.0058	-0.0006	-0.0973	0.0135	10.38	86.80%
Magoo		0.0000	10.44	87.30%	11.96	-0.0363	-0.0028	-0.0120	0.0650	0.0011	-0.0001	0.0149	0.0000	10.47	87.55%	11.96	-0.0638	-0.0051	-0.0252	0.1339	0.0028	-0.0002	0.0424	0.0000	10.49	87.75%	11.96	-0.0942	-0.0076	-0.0386	0.2006	0.0053	-0.0003	0.0652	0.0000	10.51	87.91%
Magua		0.0002	12.43	103.99%	11.96	-0.0468	-0.0096	-0.0245	0.0075	0.0003	-0.0002	-0.0733	0.0030	12.39	103.66%	11.96	-0.0695	-0.0149	-0.0462	0.0175	0.0019	-0.0004	-0.1116	0.0034	9.41	78.74%	11.96	-0.0957	-0.0205	-0.0680	0.0272	0.0046	-0.0006	-0.1530	0.0047	9.37	78.35%
Maguire		0.0000	4.29	45.61%	9.41	-0.0125	-0.0060	-0.0114	0.0773	0.0007	0.0011	0.0492	0.0002	4.35	46.27%	9.41	-0.0250	-0.0109	-0.0202	0.1620	0.0015	0.0017	0.1091	0.0009	7.72	81.97%	9.41	-0.0371	-0.0160	-0.0300	0.2442	0.0023	0.0020	0.1654	0.0019	7.77	82.59%
Main St.		0.0001	1.60	96.95%	1.65	0.0000	0.0000	-0.0011	0.0121	0.0035	0.0000	0.0145	0.0016	1.61	97.94%	1.65	0.0000	0.0000	-0.0023	0.0246	0.0061	0.0000	0.0284	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Maitland		0.0000	1.81	75.72%	2.39	-0.0015	-0.0004	-0.0020	0.0029	0.0005	-0.0001	-0.0006	0.0001	1.81	75.72%	2.39	-0.0027	-0.0008	-0.0041	0.0059	0.0012	-0.0002	-0.0007	0.0002	1.81	75.73%	2.39	-0.0039	-0.0012	-0.0062	0.0087	0.0023	-0.0003	-0.0006	0.0170	1.83	76.51%
Maize		0.0001	7.23	60.51%	11.96	-0.0117	-0.0054	-0.0121	0.0459	0.0007	-0.0001	0.0173	0.0021	7.27	60.76%	11.96	-0.0212	-0.0100	-0.0237	0.0964	0.0018	-0.0002	0.0431	0.0030	7.29	61.01%	11.96	-0.0311	-0.0149	-0.0352	0.1475	0.0034	-0.0003	0.0694	0.0138	7.33	61.34%
Major		0.0000	2.02	89.43%	2.26	0.0000	0.0000	-0.0019	0.0298	0.0009	-0.0004	0.0284	0.0000	2.05	90.99%	2.26	0.0000	0.0000	-0.0034	0.0599	0.0062	-0.0009	0.0618	0.0000	2.09	92.61%	2.26	0.0000	0.0000	-0.0049	0.0902	0.0118	-0.0010	0.0961	0.0000	2.12	93.95%
Malaga Cove		0.0000	1.48	62.14%	2.39	0.0000	0.0000	-0.0013	0.0247	0.0037	-0.0007	0.0264	0.0002	1.51	63.45%	2.39	0.0000	0.0000	-0.0025	0.0509	0.0083	-0.0009	0.0558	0.0003	1.55	64.75%	2.39	0.0000	0.0000	-0.0037	0.0766	0.0132	-0.0011	0.0850	0.0005	1.58	66.29%
Malden		0.0003	13.24	84.96%	15.59	-0.0131	-0.0227	-0.0355	0.0294	0.0006	-0.0021	-0.0434	0.0045	13.22	84.78%	15.59	-0.0238	-0.0433	-0.0666	0.0608	0.0022	-0.0040	-0.0747	0.0059	13.18	84.56%	15.59	-0.0364	-0.0652	-0.0971	0.0913	0.0042	-0.0058	-0.1090	0.0072	13.14	84.30%
Mallet		0.0003	11.80	98.72%	11.96	-0.0153	-0.0032	-0.0161	0.0371	0.0010	-0.0008	0.0027	0.0055	11.82	98.84%	11.96	-0.0271	-0.0060	-0.0332	0.0760	0.0025	-0.0015	0.0107	0.0079	11.83	98.91%	11.96	-0.0403	-0.0090	-0.0505	0.1130	0.0050	-0.0022	0.0160	0.1032	11.95	99.93%
Maloy		0.0002	7.59	50.40%	15.06	0.0000	0.0000	-0.0065	0.0630	0.0131	-0.0018	0.0678	0.0045	7.66	50.89%	15.06	0.0000	0.0000	-0.0119	0.1197	0.0307	-0.0036	0.1349	0.0055	7.73	51.36%	15.06	0.0000	0.0000	-0.0173	0.1748	0.0501	-0.0054	0.2022	0.0055	7.81	51.83%
Malt		0.0000	[redacted]			-0.0005	-0.0198	-0.0224	0.0005	0.0017	0.0000	-0.0405	0.0003	[redacted]			-0.0010	-0.0354	-0.0410	0.0010	0.0034	0.0000	-0.0730	0.0005	[redacted]			-0.0015	-0.0523	-0.0603	0.0015	0.0054	0.0000	-0.1072	0.0008	[redacted]	
Mamba		0.0004	16.69	103.16%	16.18	-0.0145	-0.0188	-0.0364	0.0447	0.0009	-0.0006	-0.0247	0.0072	14.97	92.56%	16.18	-0.0258	-0.0353	-0.0709	0.0942	0.0018	-0.0011	-0.0371	0.0089	14.96	92.50%	16.18	-0.0381	-0.0530	-0.1026	0.1443	0.0030	-0.0016	-0.0480	0.0101	14.95	92.41%
Mamie		0.0006	8.82	73.81%	11.96	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0006	8.82	73.81%	11.96	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0002	0.0006	8.82	73.81%	11.96	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000	0.0003	0.0006	8.83	73.81%
Manchester		0.0000	1.54	93.55%	1.65	-0.0003	-0.0004	-0.0023	0.0132	0.0006	-0.0004	0.0104	0.0000	1.56	94.52%	1.65	-0.0003	-0.0004	-0.0034	0.0274	0.0030	-0.0006	0.0257	0.0000	1.58	95.66%	1.65	-0.0003	-0.0004	-0.0044	0.0435	0.0059	-0.0006	0.0437	0.0000	1.59	96.28%
Mandarin		0.0004	10.76	90.00%	11.96	-0.0219	-0.0063	-0.0149	0.0406	0.0009	-0.0004	-0.0020	0.0062	10.78	90.12%	11.96	-0.0387	-0.0118	-0.0301	0.0846	0.0022	-0.0008	0.0054	0.0090	10.78	90.19%	11.96	-0.0579	-0.0177	-0.0454	0.1283	0.0042	-0.0012	0.0103	0.0115	10.81	90.39%
Manganese		0.0004	10.78	90.20%	11.96	-0.0227	-0.0355	-0.0384	0.0308	0.0005	-0.0016	-0.0669	0.0045	10.74	89.80%	11.96	-0.0422	-0.0670	-0.0686	0.0641	0.0020	-0.0028	-0.1145	0.0064	10.68	89.36%	11.96	-0.0633	-0.1006	-0.0978	0.0973	0.0036	-0.0040	-0.1648	0.0073	10.65	89.05%
Mangrum		0.0002	6.55	54.76%	11.96	-0.0038	-0.0293	-0.0317	0.0159	0.0004	-0.0002	-0.0487	0.0028	6.52	54.49%	11.96	-0.0074	-0.0544	-0.0561	0.0356	0.0011	-0.0003	-0.0815	0.0038	6.48	54.19%	11.96	-0.0112	-0.0813	-0.0833	0.0581	0.0022	-0.0005	-0.1160	0.0047	6.45	53.92%
Manila		0.0000	2.29	84.74%	2.71	-0.0041	-0.0021	-0.0044	0.0128	0.0003	0.0000	0.0025	0.0000	2.30	84.95%	2.71	-0.0073	-0.0041	-0.0085	0.0267	0.0010	0.0000	0.0078	0.0000	2.31	85.16%	2.71	-0.0109	-0.0062	-0.0124	0.0405	0.0021	0.0000	0.0131	0.0000	2.31	85.39%
Manitou		0.0002	10.88	91.02%	11.96	-0.0031	-0.0009	-0.0143	0.0140	0.0016	-0.0004	-0.0031	0.0035	10.88	91.03%	11.96	-0.0060	-0.0017	-0.0285	0.0285	0.0039	-0.0012	-0.0050	0.0049	10.88	91.02%	11.96	-0.0088	-0.0025	-0.0428	0.0420	0.0072	-0.0020	-0.0069	0.0083	10.89	91.05%
Manning		0.0000	10.99	91.94%	11.96	-0.0191	-0.0057	-0.0122	0.0116	0.0008	-0.0002	-0.0248	0.4320	11.44	95.68%	11.96	-0.0338	-0.0107	-0.0243	0.0243	0.0020	-0.0004	-0.0429	0.4320	11.42	95.49%	11.96	-0.0504	-0.0160	-0.0364	0.0359	0.0038	-0.0006	-0.0637	0.4320	11.39	95.24%
Manor		0.0000	2.68	91.50%	2.93	-0.0022	-0.0005	-0.0026	0.0172	0.0006	-0.0001	0.0124	0.0003	2.70	92.03%	2.93	-0.0040	-0.0009	-0.0054	0.0355	0.0014	-0.0002	0.0264	0.0004	2.71	92.55%	2.93	-0.0059	-0.0014	-0.0083	0.0533	0.0027	-0.0003	0.0401	0.0007	2.75	93.83%
Manteca		0.0004	10.62	88.78%	11.96	-0.0098	-0.0013	-0.0081	0.0278	0.0010	0.0000	0.0096	0.0073	10.64	88.96%	11.96	-0.0178	-0.0026	-0.0178	0.0573	0.0027	0.0000	0.0218	0.0095	10.65	89.09%	11.96	-0.0258	-0.0039	-0.0277	0.0858	0.0051	0.0000	0.0335	0.0095	10.67	89.28%
Manuel		0.0000	0.91	45.97%	1.98	-0.0006	-0.0003	-0.0015	0.0148	0.0010	0.0000	0.0134	0.0000	0.93	46.89%	1.98	-0.0008	-0.0004	-0.0030	0.0323	0.0026	-0.0002	0.0305	0.0000	0.95	47.68%	1.98	-0.0013	-0.0007	-0.0042	0.0469	0.0047	-0.0002	0.0452	0.0000	0.96	48.43%
Manville		0.0000	1.68	16.10%	10.43	-0.0014	-0.0002	-0.0029	0.0065	0.0007	-0.0003	0.0024	5.1820	7.06	67.66%	10.43	-0.0025	-0.0004	-0.0059	0.0133	0.0016	-0.0007	0.0054	5.1820	7.06	67.69%	10.43	-0.0037	-0.0006	-0.0089	0.0197	0.0030	-0.0012	0.0083	5.1820	7.07	67.72%
Manzanillo		0.0002	6.55	62.73%	10.43	0.0000	0.0000	-0.0049	0.0057	0.0007	0.0004	0.0019	0.0013	6.55	62.76%	10.43	0.0000	0.0000	-0.0096	0.0116	0.0015	0.0007	0.0042	0.0018	6.55	62.76%	10.43	-0.0033	-0.0029	-0.0157	0.0212	0.0033	0.0005	0.0031	0.0030	6.55	62.76%
Manzer		0.4746	12.52	104.68%	11.96	-0.0333	-0.0052	-0.0205	0.0243	0.0014	-0.0002	-0.0335	0.4742	12.49	104.45%	11.96	-0.0588	-0.0096	-0.0421	0.0499	0.0033	-0.0004	-0.0577	0.4739	6.90	57.75%	11.96	-0.0589	-0.0096	-0.0587	0.0731	0.0063	-0.0069	-0.0547	0.4734	6.89	57.65%
Mapes		0.0002	8.68	72.62%	11.96	0.0000	0.0000	-0.0210	0.0300	0.0029	-0.0012	0.0107	0.0035	8.70	72.79%	11.96	0.0000	0.0000	-0.0379	0.0611	0.0054	-0.0025	0.0261	0.0035	9.48	79.26%	11.96	0.0000	0.0000	-0.0542	0.0916	0.0085	-0.0038	0.0421	0.0035	9.49	79.40%
Maple		0.0000	1.23	44.08%	2.80	-0.0009	0.0000	-0.0010	0.0014	0.0007	0.0000	0.0002	0.0000	1.23	44.11%	2.80	-0.0016	0.0000	-0.0021	0.0033	0.0015	0.0000	0.0011	0.0000	1.24	44.15%	2.80	-0.0024	0.0000	-0.0033	0.0051	0.0026	0.0000	0.0020	0.0000	1.24	44.20%
Maplewood		0.0002	8.03	90.54%	8.87	-0.0093	-0.0207	-0.0306	0.0208	0.0010	-0.0013	-0.0401	0.0031	8.01	90.31%	8.87	-0.0164	-0.0379	-0.0561	0.0484	0.0023	-0.0028	-0.0625	0.0043	7.98	90.01%	8.87	-0.0245	-0.0563	-0.0810	0.0737	0.0038	-0.0042	-0.0885	0.0074	7.95	89.64%
Mar Vista		0.6603	8.38	55.64%	15.06	-0.0026	-0.0272	-0.0365	0.0272	0.0004	0.0001	-0.0386	0.9076	8.62	57.24%	15.06	-0.0051	-0.0512	-0.0617	0.0588	0.0024	0.0000	-0.0568	0.5519	8.22	54.57%	15.06	-0.0077	-0.0768	-0.0918	0.0905	0.0036	-0.0003	-0.0825	0.6061	8.25	54.76%
Maraca		0.0000	9.74	81.50%	11.96	-0.0269	-0.0066	-0.0195	0.0461	0.0011	-0.0007	-0.0065	0.0000	9.75	81.53%	11.96	-0.0483	-0.0124	-0.0382	0.0942	0.0028	-0.0013	-0.0032	0.0000	9.75	81.52%	11.96	-0.0724	-0.0186	-0.0568	0.1400	0.0057	-0.0019	-0.0040	0.0000	9.74	81.47%
Marauder		0.9272	[redacted]			-0.0412	-0.0232	-0.0153	0.0065	0.0015	0.0012	-0.0705	2.5036	[redacted]			-0.0820	-0.0421	-0.0300	0.0134	0.0035	0.0044	-0.1328	3.0519	[redacted]			-0.1227	-0.0625	-0.0441	0.0205	0.0058	0.0072	-0.1958	3.4150	[redacted]	
Marble		0.3901	[redacted]			-0.0064	-0.0364	-0.0333	0.0409	0.0019	0.0007	-0.0326	0.4232	[redacted]			-0.0125	-0.0666	-0.0614	0.1090	0.0041	0.0019	-0.0255	2.5982	[redacted]			-0.0183	-0.0991	-0.0897	0.1698	0.0067	0.0030	-0.0276	2.6081	[redacted]	
Marbuck	GNA_2023_129	2.6629	12.59	105.29%	11.96	-0.0065	-0.0199	-0.0254	0.0294	0.0007	-0.0020	-0.0237	3.3695	13.34	111.55%	11.96	-0.0120	-0.0378	-0.0479	0.0624	0.0019	-0.0045	-0.0379	3.6190	13.59	113.68%	11.96	-0.0178	-0.0568	-0.0711	0.0964	0.0036	-0.0062	-0.0519	3.8927	6.87	57.49%
Marcellina		0.0160	0.73	52.50%	1.39	-0.0012	-0.0014	-0.0014	0.0040	0.0006	-0.0003	0.0003	0.0198	0.74	53.12%	1.39	-0.0018	-0.0022	-0.0027	0.0106	0.0014	-0.0006	0.0047	0.0229	0.75	53.66%	1.39	-0.0025	-0.0030	-0.0039	0.0168	0.0024	-0.0010	0.0088	0.0255	0.75	54.17%
Marconi		0.0000	9.32	77.96%	11.96	-0.0080	-0.0124	-0.0214	0.0189	0.0009	-0.0008	-0.0228	0.0000	9.31	77.91%	11.96	-0.0124	-0.0197	-0.0416	0.0439	0.0024	-0.0016	-0.0290	0.0000	9.31	77.84%	11.96	-0.0169	-0.0274	-0.0617	0.0678	0.0050	-0.0024	-0.0356	0.0000	9.29	77.69%
Marcus		0.0000	11.46	70.84%	16.18	-0.0036	-0.0057	-0.0190	0.0287	0.0008	-0.0003	0.0009	0.2320	11.72	72.46%	16.18	-0.0070	-0.0107	-0.0351	0.0593	0.0018	-0.0006	0.0077	0.3073	11.81	73.02%	16.18	-0.0104	-0.0161	-0.0501	0.0890	0.0031	-0.0009	0.0146	0.3506	11.87	73.35%
Marda		0.0000	6.30	52.69%	11.96	-0.0196	-0.0036	-0.0102	0.0297	0.0006	0.0000	-0.0031	0.0000	6.31	52.74%	11.96	-0.0349	-0.0067	-0.0190	0.0612	0.0015	0.0000	0.0021	0.0000	6.31	52.77%	11.96	-0.0521	-0.0100	-0.0273	0.0918	0.0031	0.0000	0.0055	0.0000	6.31	52.78%
Marendale		0.0002	[redacted]			-0.0019	-0.0408	-0.0658	0.0156	0.0005	-0.0010	-0.0934	0.0039	[redacted]			-0.0037	-0.0750	-0.1137	0.0325	0.0010	-0.0018	-0.1607	0.0065	[redacted]			-0.0056	-0.1118	-0.1617	0.0494	0.0020	-0.0026	-0.2303	0.1176	[redacted]	
Marengo		0.0000	1.30	56.64%	2.29	-0.0010	-0.0015	-0.0016	0.0092	0.0002	-0.0003	0.0050	0.0000	1.30	56.95%	2.29	-0.0019	-0.0029	-0.0030	0.0190	0.0010	-0.0006	0.0116	0.0000	1.31	57.40%	2.29	-0.0025	-0.0039	-0.0043	0.0306	0.0021	-0.0009	0.0211	0.0000	1.32	57.80%
Margaret		0.0001	11.25	69.54%	16.18	-0.0076	-0.0291	-0.0330	0.0574	0.0017	-0.0004	-0.0110	0.0010	11.25	69.57%	16.18	-0.0140	-0.0551	-0.0636	0.1216	0.0052	-0.0006	-0.0065	0.0014	11.25	69.54%	16.18	-0.0211	-0.0828	-0.1007	0.1865	0.0074	-0.0010	-0.0117	0.0018	11.24	69.50%
Marguerita		0.0002	[redacted]			-0.0020	-0.0207	-0.0173	0.0139	0.0002	-0.0016	-0.0275	0.0031	[redacted]			-0.0039	-0.0388	-0.0320	0.0290	0.0011	-0.0029	-0.0475	0.0038	[redacted]			-0.0058	-0.0582	-0.0463	0.0438	0.0023	-0.0044	-0.0686	0.0043	[redacted]	
Marianna	GNA_2023_253	0.1435	10.88	90.99%	11.96	-0.0267	-0.0056	-0.0220	0.0239	0.0015	-0.0010	-0.0299	0.2347	10.96	91.66%	11.96	-0.0474	-0.0107	-0.0412	0.0487	0.0036	-0.0018	-0.0488	0.2774	10.98	91.86%	11.96	-0.0700	-0.0162	-0.0594	0.0722	0.0061	-0.0026	-0.0699	0.3179	11.00	92.03%
Marigold		0.0002	9.43	89.24%	10.57	-0.0124	-0.0085	-0.0250	0.0369	0.0012	-0.0005	-0.0083	0.0002	9.43	89.25%	10.57	-0.0229	-0.0160	-0.0461	0.0755	0.0029	-0.0011	-0.0077	0.0002	9.43	89.25%	10.57	-0.0345	-0.0240	-0.0659	0.1124	0.0055	-0.0017	-0.0082	0.0002	9.43	89.22%
Marina		0.0000	[redacted]			-0.0002	-0.0016	-0.0025	0.0049	0.0001	0.0001	0.0008	0.0000	[redacted]			-0.0004	-0.0030	-0.0042	0.0102	0.0002	0.0002	0.0030	0.0000	[redacted]			-0.0006	-0.0045	-0.0058	0.0155	0.0003	0.0003	0.0052	0.0000	[redacted]	
Mark	GNA_2023_229	0.0003	9.41	78.72%	11.96	-0.0041	-0.0011	-0.0166	0.0191	0.0009	-0.0005	-0.0023	0.0047	9.41	78.71%	11.96	-0.0105	-0.0030	-0.0314	0.0365	0.0019	-0.0007	-0.0072	0.0066	9.41	78.67%	11.96	-0.0179	-0.0050	-0.0464	0.0530	0.0036	-0.0009	-0.0136	0.0112	9.40	78.65%
Market	GNA_2023_223	0.0000	3.00	102.52%	2.93	-0.0056	-0.0015	-0.0066	0.0133	0.0006	-0.0006	-0.0004	0.0001	3.01	102.62%	2.93	-0.0099	-0.0029	-0.0131	0.0273	0.0018	-0.0011	0.0021	0.0001	2.37	80.79%	2.93	-0.0149	-0.0044	-0.0197	0.0403	0.0036	-0.0016	0.0033	0.0194	2.40	81.78%
Marl		0.0000	[redacted]			-0.0084	-0.0003	-0.0006	0.0006	0.0002	0.0000	-0.0085	0.0000	[redacted]			-0.0165	-0.0005	-0.0011	0.0013	0.0008	0.0000	-0.0160	0.0000	[redacted]			-0.0243	-0.0007	-0.0016	0.0021	0.0015	0.0000	-0.0230	0.0000	[redacted]	
Marland		0.0000	5.00	84.87%	5.89	-0.0060	-0.0089	-0.0163	0.0245	0.0003	-0.0001	-0.0065	0.0000	5.00	84.90%	5.89	-0.0108	-0.0166	-0.0293	0.0514	0.0010	-0.0001	-0.0044	0.0001	5.00	84.93%	5.89	-0.0162	-0.0248	-0.0414	0.0772	0.0021	-0.0002	-0.0033	0.0003	5.00	84.91%
Marlene		0.7754	6.57	40.64%	16.18	-0.0009	-0.0044	-0.0175	0.0172	0.0010	-0.0001	-0.0047	0.8360	6.63	41.01%	16.18	-0.0016	-0.0081	-0.0368	0.0359	0.0022	-0.0002	-0.0086	0.8571	6.65	41.12%	16.18	-0.0024	-0.0120	-0.0560	0.0546	0.0037	-0.0003	-0.0124	0.8697	6.66	41.18%
Marquis		0.0000	4.01	33.52%	11.96	-0.0057	-0.0020	-0.0078	0.0049	0.0009	-0.0001	-0.0098	0.0000	4.61	38.56%	11.96	-0.0101	-0.0038	-0.0141	0.0100	0.0019	-0.0002	-0.0163	0.0000	4.60	38.50%	11.96	-0.0145	-0.0057	-0.0205	0.0148	0.0035	-0.0003	-0.0227	0.0000	4.60	38.45%
Marriott		0.2231	8.18	68.39%	11.96	-0.0013	-0.0217	-0.0350	0.0034	0.0021	0.0001	-0.0524	0.2846	8.20	68.59%	11.96	-0.0026	-0.0393	-0.0608	0.0070	0.0042	0.0003	-0.0912	0.3195	8.20	68.56%	11.96	-0.0039	-0.0583	-0.0851	0.0106	0.0064	0.0005	-0.1298	0.3195	8.16	68.25%
Mars		0.0001	5.79	54.80%	10.57	-0.0023	-0.0110	-0.0193	0.0266	0.0010	-0.0002	-0.0052	0.0012	5.79	54.84%	10.57	-0.0044	-0.0210	-0.0330	0.0549	0.0019	-0.0004	-0.0020	0.0015	5.80	54.87%	10.57	-0.0066	-0.0317	-0.0463	0.0824	0.0034	-0.0006	0.0006	0.0018	5.80	54.88%
Marsh		0.0000	4.98	52.71%	9.46	-0.0102	-0.0081	-0.0092	0.0011	0.0002	-0.0002	-0.0264	0.0000	4.96	52.45%	9.46	-0.0193	-0.0148	-0.0186	0.0025	0.0009	-0.0004	-0.0497	0.0000	4.94	52.19%	9.46	-0.0283	-0.0220	-0.0282	0.0041	0.0019	-0.0006	-0.0731	0.0000	4.93	52.08%
Marshall		4.0981	11.66	72.09%	16.18	-0.0025	-0.0220	-0.0676	0.0667	0.0014	-0.0012	-0.0252	4.1025	11.67	72.15%	16.18	-0.0047	-0.0410	-0.1116	0.1366	0.0025	-0.0025	-0.0207	4.1040	11.70	72.32%	16.18	-0.0057	-0.0500	-0.1513	0.2116	0.0044	-0.0050	0.0040	4.1408	11.75	72.67%
Martian		7.7410	[redacted]			-0.0057	-0.0186	-0.0122	0.0007	0.0005	-0.0001	-0.0354	7.7431	[redacted]			-0.0113	-0.0343	-0.0226	0.0015	0.0012	-0.0002	-0.0657	7.7441	[redacted]			-0.0166	-0.0512	-0.0330	0.0023	0.0021	-0.0003	-0.0967	7.7496	[redacted]	
Martinelli		0.0002	[redacted]			-0.0009	-0.0176	-0.0218	0.0076	0.0001	0.0001	-0.0325	0.0041	[redacted]			-0.0018	-0.0334	-0.0386	0.0159	0.0006	-0.0002	-0.0575	0.0064	[redacted]			-0.0027	-0.0503	-0.0537	0.0243	0.0011	-0.0007	-0.0820	0.0128	[redacted]	
Martini		0.0000	7.90	66.04%	11.96	-0.0288	-0.0035	-0.0112	0.0540	0.0009	-0.0001	0.0113	0.0000	8.90	74.45%	11.96	-0.0525	-0.0065	-0.0228	0.1115	0.0023	-0.0002	0.0318	0.0000	8.92	74.61%	11.96	-0.0790	-0.0097	-0.0344	0.1676	0.0045	-0.0003	0.0487	0.0000	8.93	74.73%
Marty		0.0000	5.08	71.02%	7.15	-0.0062	-0.0031	-0.0067	0.0079	0.0007	-0.0004	-0.0078	0.0000	5.08	70.98%	7.15	-0.0107	-0.0057	-0.0133	0.0183	0.0016	-0.0009	-0.0107	0.0000	5.07	70.92%	7.15	-0.0160	-0.0085	-0.0199	0.0284	0.0027	-0.0013	-0.0146	0.0000	5.07	70.86%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0288	-0.0489	-0.0711	0.0944	0.0035	-0.0016	-0.0525	0.0025	6.37	53.31%	11.96	-0.0361	-0.0623	-0.0855	0.1152	0.0052	-0.0020	-0.0655	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.4179	0.0000	-0.3874	0.2541	0.0447	-0.0119	-0.5184	0.0000	30.87	93.73%	32.93	-0.4509	0.0000	-0.4634	0.3178	0.0712	-0.0190	-0.5443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0089	-0.0114	-0.0071	0.0394	0.0039	-0.0005	0.0154	0.0000	5.31	44.45%	11.96	-0.0113	-0.0149	-0.0084	0.0481	0.0065	-0.0006	0.0194	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1211	-0.0026	-0.0381	0.1186	0.0153	-0.0105	-0.0384	0.0367	10.72	89.62%	11.96	-0.1432	-0.0032	-0.0471	0.1442	0.0224	-0.0144	-0.0413	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	-0.0067	-0.0018	-0.0123	0.0801	0.0053	-0.0004	0.0642	0.2061	1.90	96.02%	1.98	-0.0083	-0.0022	-0.0151	0.0974	0.0081	-0.0005	0.0794	0.05	0.12	0.16	0.19	0.21	2.52%	6.05%	8.07%	9.58%	10.59%
10.43	-0.0033	-0.0004	-0.0146	0.1110	0.0107	-0.0001	0.1033	0.0123	4.66	44.65%	10.43	-0.0041	-0.0005	-0.0177	0.1387	0.0134	-0.0001	0.1297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.46	-0.0459	-0.0421	-0.0873	0.1339	0.0087	-0.0047	-0.0374	0.0022	10.17	97.21%	10.46	-0.0637	-0.0560	-0.1069	0.1644	0.0123	-0.0057	-0.0556	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0290	-0.0566	-0.0742	0.0692	0.0052	-0.0054	-0.0908	0.0029	8.41	70.31%	11.96	-0.0378	-0.0745	-0.0904	0.0852	0.0086	-0.0061	-0.1150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1735	-0.0041	-0.0406	0.1244	0.0115	-0.0003	-0.0826	0.0213	10.15	84.86%	11.96	-0.2062	-0.0050	-0.0499	0.1532	0.0180	-0.0004	-0.0903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.68	-0.0093	-0.0584	-0.0950	0.1368	0.0110	-0.0020	-0.0169	2.0782	11.56	84.54%	13.68	-0.0119	-0.0748	-0.1161	0.1667	0.0152	-0.0024	-0.0233	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0021	-0.0016	-0.0156	0.0461	0.0087	-0.0008	0.0347	0.1172	2.58	88.11%	2.93	-0.0021	-0.0016	-0.0187	0.0552	0.0117	-0.0010	0.0435	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0220	-0.0110	-0.0601	0.0154	0.0251	-0.0025	-0.0551	0.0000	[redacted]			-0.0224	-0.0113	-0.0690	0.0187	0.0290	-0.0034	-0.0584	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0870	-0.0048	-0.0389	0.0600	0.0113	-0.0004	-0.0598	0.4647	8.57	71.71%	11.96	-0.1063	-0.0061	-0.0476	0.0721	0.0169	-0.0005	-0.0715	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0402	-0.0624	-0.1237	0.3061	0.0170	-0.0058	0.0910	0.0000	10.76	66.52%	16.18	-0.0483	-0.0745	-0.1500	0.3799	0.0263	-0.0069	0.1265	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0422	-0.0494	-0.0816	0.1065	0.0055	-0.0028	-0.0640	0.0148	[redacted]			-0.0545	-0.0629	-0.0986	0.1343	0.0081	-0.0035	-0.0771	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	-0.0022	0.0000	0.0024	0.0362	0.0000	0.0364	0.0027	[redacted]			0.0000	-0.0028	0.0000	0.0030	0.0360	0.0000	0.0362	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0163	-0.0718	-0.1310	0.0915	0.0063	-0.0016	-0.1229	0.0286	[redacted]			-0.0204	-0.0929	-0.1576	0.1099	0.0090	-0.0016	-0.1536	0.00	0.00	0.00	0.00	0.00	[redacted]				
9.17	-0.0106	-0.0156	-0.0680	0.0088	0.0075	-0.0053	-0.0832	0.0238	7.19	78.38%	9.17	-0.0124	-0.0188	-0.0818	0.0114	0.0105	-0.0067	-0.0978	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0981	-0.1148	0.0465	0.0044	-0.0010	-0.1834	0.0022	6.73	56.26%	11.96	-0.0254	-0.1258	-0.1396	0.0569	0.0063	-0.0010	-0.2286	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1111	-0.0355	-0.0605	0.0850	0.0065	-0.0003	-0.1159	0.0057	7.88	65.93%	11.96	-0.1362	-0.0451	-0.0737	0.1036	0.0100	-0.0004	-0.1418	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0567	-0.0552	-0.1054	0.1156	0.0073	-0.0026	-0.0970	0.0404	11.85	73.28%	16.18	-0.0691	-0.0650	-0.1298	0.1445	0.0114	-0.0034	-0.1114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0120	-0.0386	-0.0832	0.2101	0.0048	-0.0032	0.0779	0.0000	6.35	39.24%	16.18	-0.0132	-0.0425	-0.0924	0.2530	0.0115	-0.0021	0.1143	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0064	-0.0004	-0.0081	0.0470	0.0047	0.0000	0.0368	0.0000	1.91	65.30%	2.93	-0.0081	-0.0005	-0.0098	0.0574	0.0076	0.0000	0.0466	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0044	-0.1368	-0.1923	0.0507	0.0019	0.0006	-0.2803	0.0108	[redacted]			-0.0053	-0.1715	-0.2315	0.0644	0.0020	0.0012	-0.3407	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0089	-0.0042	-0.0087	0.1064	0.0035	-0.0004	0.0877	0.9033	[redacted]			-0.0110	-0.0053	-0.0105	0.1294	0.0054	-0.0005	0.1075	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.22	-0.0077	0.0000	-0.0043	0.0194	0.0070	0.0000	0.0144	0.0000	1.16	95.04%	1.22	-0.0100	0.0000	-0.0052	0.0236	0.0104	0.0000	0.0188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0264	-0.0299	-0.0645	0.1502	0.0069	-0.0018	0.0345	0.0000	7.84	65.54%	11.96	-0.0308	-0.0350	-0.0792	0.1879	0.0105	-0.0024	0.0510	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0254	-0.0081	-0.0235	0.0254	0.0051	-0.0004	-0.0269	0.0425	[redacted]			-0.0314	-0.0098	-0.0287	0.0312	0.0078	-0.0005	-0.0314	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0412	-0.0721	-0.1240	0.5795	0.0060	-0.0027	0.3455	1.5340	14.39	88.97%	16.18	-0.0522	-0.0911	-0.1528	0.7143	0.0096	-0.0030	0.4248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0233	-0.0633	-0.1226	0.1835	0.0067	-0.0074	-0.0264	0.0000	9.44	59.45%	15.88	-0.0292	-0.0777	-0.1494	0.2255	0.0102	-0.0094	-0.0300	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1053	-0.0142	-0.0613	0.1202	0.0090	-0.0020	-0.0536	0.0047	10.89	91.08%	11.96	-0.1347	-0.0176	-0.0754	0.1469	0.0137	-0.0025	-0.0696	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0340	-0.0593	-0.0846	0.0682	0.0122	-0.0030	-0.1005	0.0000	8.21	68.64%	11.96	-0.0420	-0.0771	-0.1027	0.0821	0.0187	-0.0036	-0.1246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	0.0000	0.0000	-0.0207	0.0413	0.0137	-0.0037	0.0306	0.0086	3.19	19.70%	16.18	0.0000	0.0000	-0.0253	0.0504	0.0171	-0.0044	0.0378	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.2563	-0.0091	-0.0608	0.0795	0.0088	0.0006	-0.2373	0.0335	9.53	91.29%	10.43	-0.2778	-0.0099	-0.0682	0.0980	0.0226	0.0069	-0.2284	1.30	1.26	1.17	1.13	1.15	15.57%	15.09%	13.98%	13.50%	13.74%
[redacted]	-0.0185	-0.0286	-0.0765	0.0858	0.0109	-0.0016	-0.0285	0.0055	[redacted]			-0.0240	-0.0377	-0.0933	0.1030	0.0154	-0.0018	-0.0384	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0051	-0.0001	-0.0016	0.0333	0.0019	0.0000	0.0284	0.0050	[redacted]			-0.0062	-0.0002	-0.0020	0.0407	0.0029	0.0000	0.0352	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.88	-0.0190	-0.0024	-0.0148	0.0285	0.0049	-0.0008	-0.0036	0.0418	0.88	46.89%	1.88	-0.0247	-0.0030	-0.0182	0.0343	0.0075	-0.0010	-0.0051	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0082	-0.0008	-0.0081	0.1085	0.0051	-0.0004	0.0961	0.0000	0.48	16.29%	2.93	-0.0102	-0.0010	-0.0100	0.1307	0.0074	-0.0005	0.1164	0.20	0.23	0.21	0.24	0.27	6.83%	7.85%	7.17%	8.19%	9.22%
[redacted]	-0.0182	-0.0657	-0.1324	0.0494	0.0069	-0.0028	-0.1628	0.0121	[redacted]			-0.0229	-0.0836	-0.1566	0.0605	0.0096	-0.0035	-0.1965	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.26	-0.0133	-0.0008	-0.0060	0.0512	0.0142	0.0031	0.0484	0.0074	2.23	35.61%	6.26	-0.0164	-0.0010	-0.0073	0.0640	0.0183	0.0041	0.0617	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0305	-0.0977	-0.1367	0.1856	0.0072	-0.0013	-0.0734	0.0164	9.27	87.70%	10.57	-0.0388	-0.1227	-0.1699	0.2327	0.0118	-0.0017	-0.0886	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0032	-0.0991	-0.1465	0.0503	0.0036	-0.0002	-0.1951	0.0000	[redacted]			-0.0039	-0.1261	-0.1793	0.0632	0.0045	-0.0002	-0.2418	0.00	0.00	0.00	0.00	0.00	[redacted]				
7.98	-0.0210	-0.0343	-0.0549	0.0262	0.0054	-0.0003	-0.0789	0.0107	4.30	53.89%	7.98	-0.0263	-0.0436	-0.0658	0.0319	0.0084	-0.0004	-0.0958	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0244	0.3652	0.0287	-0.0044	0.3651	0.3137	[redacted]			0.0000	0.0000	-0.0296	0.4854	0.0329	-0.0050	0.4837	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0170	-0.0406	-0.0909	0.1165	0.0052	-0.0050	-0.0318	0.0080	8.90	55.02%	16.18	-0.0223	-0.0534	-0.1107	0.1444	0.0080	-0.0059	-0.0399	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0085	-0.0545	-0.0874	0.0175	0.0014	-0.0033	-0.1348	2.8457	[redacted]			-0.0103	-0.0681	-0.1074	0.0227	0.0021	-0.0042	-0.1652	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0070	-0.0046	-0.0138	0.0313	0.0046	-0.0015	0.0090	0.0779	1.61	55.06%	2.93	-0.0073	-0.0047	-0.0166	0.0379	0.0068	-0.0020	0.0141	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0844	-0.0695	-0.1063	0.0577	0.0075	-0.0019	-0.1969	0.8105	10.35	86.57%	11.96	-0.0990	-0.0845	-0.1304	0.0710	0.0116	-0.0024	-0.2337	1.87	2.20	2.28	2.33	2.30	15.64%	18.39%	19.06%	19.48%	19.23%
2.93	-0.0073	-0.0090	-0.0138	0.0726	0.0071	-0.0006	0.0490	0.0000	1.66	56.52%	2.93	-0.0102	-0.0121	-0.0159	0.0871	0.0110	0.0001	0.0600	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.26	-0.0218	-0.1173	-0.1497	0.0514	0.0058	-0.0012	-0.2328	0.1953	10.21	90.65%	11.26	-0.0282	-0.1493	-0.1795	0.0640	0.0078	-0.0013	-0.2865	3.55	3.55	2.58	2.43	2.55	48.30%	48.30%	34.31%	31.68%	33.33%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0664	-0.0242	-0.0658	0.2458	0.0114	-0.0031	0.0977	0.0191	9.60	80.30%	11.96	-0.0778	-0.0289	-0.0810	0.3049	0.0173	-0.0040	0.1305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.34	-0.0144	-0.0030	-0.0143	0.0352	0.0052	-0.0009	0.0078	0.0004	2.22	94.62%	2.34	-0.0193	-0.0038	-0.0176	0.0424	0.0074	-0.0011	0.0080	0.40	0.40	0.40	0.40	0.40	22.22%	22.22%	22.22%	22.22%	22.22%
11.96	-0.0349	-0.0415	-0.0765	0.0988	0.0061	-0.0012	-0.0492	0.0096	10.90	91.14%	11.96	-0.0452	-0.0527	-0.0929	0.1220	0.0091	-0.0013	-0.0610	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0063	-0.0168	-0.0491	0.0271	0.0041	-0.0012	-0.0422	0.7578	5.18	43.31%	11.96	-0.0080	-0.0216	-0.0603	0.0329	0.0060	-0.0014	-0.0524	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0399	-0.0895	-0.1544	0.1453	0.0059	-0.0068	-0.1394	2.4252	12.02	74.32%	16.18	-0.0479	-0.1067	-0.1885	0.1816	0.0093	-0.0088	-0.1610	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0112	-0.0758	-0.0627	0.0331	0.0106	0.0017	-0.1043	1.4913	[redacted]			-0.0134	-0.0949	-0.0743	0.0419	0.0145	0.0022	-0.1240	1.07	1.07	1.07	1.07	1.02	[redacted]				
2.80	-0.0099	-0.0105	-0.0135	0.0100	0.0019	-0.0004	-0.0224	0.0169	2.34	83.43%	2.80	-0.0120	-0.0133	-0.0165	0.0122	0.0030	-0.0005	-0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0032	-0.0920	-0.1286	0.0404	0.0036	0.0000	-0.1798	0.5777	10.77	71.53%	15.06	-0.0039	-0.1171	-0.1586	0.0516	0.0048	0.0000	-0.2232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	0.0000	0.0000	-0.0134	0.0180	0.0056	-0.0021	0.0081	0.0000	1.91	89.63%	2.14	0.0000	0.0000	-0.0162	0.0220	0.0083	-0.0025	0.0116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0144	-0.0932	-0.1884	0.0567	0.0059	-0.0004	-0.2338	0.0019	[redacted]			-0.0166	-0.1102	-0.2306	0.0707	0.0089	-0.0005	-0.2783	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0175	-0.0823	-0.1023	0.0395	0.0033	-0.0018	-0.1611	0.8735	[redacted]			-0.0219	-0.1064	-0.1266	0.0492	0.0052	-0.0022	-0.2027	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0046	-0.0285	-0.1423	0.0558	0.0091	-0.0108	-0.1213	0.6079	10.43	87.23%	11.96	-0.0059	-0.0363	-0.1715	0.0668	0.0127	-0.0137	-0.1479	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0112	-0.0241	0.0857	0.0506	0.0052	0.0858	0.0000	5.89	49.27%	11.96	-0.0259	-0.0142	-0.0300	0.1070	0.0655	0.0066	0.1090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0433	-0.0086	-0.0367	0.1610	0.0078	-0.0005	0.0797	0.0000	9.02	75.42%	11.96	-0.0516	-0.0102	-0.0450	0.1995	0.0119	-0.0007	0.1039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0550	-0.0036	-0.0334	0.0397	0.0073	-0.0030	-0.0480	0.8473	10.42	87.18%	11.96	-0.0647	-0.0042	-0.0407	0.0481	0.0103	-0.0048	-0.0560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.36	-0.0195	-0.0026	-0.0107	0.0699	0.0080	-0.0002	0.0449	0.0001	2.03	86.06%	2.36	-0.0195	-0.0026	-0.0119	0.0943	0.0130	-0.0003	0.0730	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0065	-0.1266	-0.1587	0.0913	0.0044	-0.0005	-0.1966	2.1297	[redacted]			-0.0080	-0.1605	-0.1932	0.1144	0.0064	-0.0007	-0.2416	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0209	-0.0179	-0.0428	0.1645	0.0075	-0.0019	0.0885	0.0160	7.85	65.67%	11.96	-0.0232	-0.0200	-0.0522	0.2034	0.0111	-0.0030	0.1161	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0260	-0.1540	-0.1335	0.0657	0.0045	-0.0043	-0.2476	0.1459	9.25	77.38%	11.96	-0.0321	-0.1950	-0.1596	0.0810	0.0061	-0.0047	-0.3043	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0044	-0.0673	-0.0819	0.0215	0.0006	-0.0007	-0.1322	0.0062	8.91	55.10%	16.18	-0.0054	-0.0857	-0.0981	0.0272	0.0007	-0.0009	-0.1622	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1116	-0.0328	-0.0635	0.0762	0.0096	-0.0009	-0.1230	0.0279	10.36	86.63%	11.96	-0.1433	-0.0423	-0.0771	0.0928	0.0147	-0.0010	-0.1562	0.52	1.70	1.65	1.63	1.61	5.86%	19.45%	18.88%	18.65%	18.42%
11.96	-0.1272	-0.0103	-0.0503	0.2617	0.0087	-0.0004	0.0822	0.0000	10.55	88.21%	11.96	-0.1503	-0.0121	-0.0619	0.3269	0.0140	-0.0005	0.1161	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1252	-0.0264	-0.0883	0.0360	0.0080	-0.0008	-0.1967	0.0089	9.32	77.94%	11.96	-0.1598	-0.0327	-0.1084	0.0440	0.0122	-0.0010	-0.2457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.41	-0.0487	-0.0214	-0.0390	0.3236	0.0034	0.0023	0.2202	0.0038	7.85	83.41%	9.41	-0.0594	-0.0270	-0.0473	0.4181	0.0054	0.0039	0.2937	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0051	-0.0016	-0.0080	0.0112	0.0036	-0.0004	-0.0003	0.0761	1.89	79.23%	2.39	-0.0063	-0.0021	-0.0098	0.0135	0.0053	-0.0005	0.0001	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0412	-0.0201	-0.0456	0.1962	0.0056	-0.0004	0.0945	0.0603	7.41	61.97%	11.96	-0.0518	-0.0256	-0.0558	0.2424	0.0082	-0.0005	0.1169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0070	0.1183	0.0146	-0.0012	0.1247	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0048	0.1079	0.0177	-0.0012	0.1196	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0509	-0.0880	-0.1286	0.1193	0.0079	-0.0076	-0.1479	0.0098	13.10	84.04%	15.59	-0.0681	-0.1117	-0.1580	0.1456	0.0115	-0.0095	-0.1902	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0458	-0.0102	-0.0647	0.1500	0.0078	-0.0045	0.0326	0.5177	11.45	95.78%	11.96	-0.0618	-0.0135	-0.0794	0.1801	0.0118	-0.0052	0.0320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	0.0000	0.0000	-0.0228	0.2305	0.0699	-0.0069	0.2707	0.0055	7.87	52.27%	15.06	0.0000	0.0000	-0.0284	0.2805	0.0903	-0.0086	0.3338	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0704	-0.0753	0.0020	0.0055	0.0000	-0.1402	0.0016	[redacted]			-0.0024	-0.0896	-0.0884	0.0025	0.0055	0.0000	-0.1724	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0511	-0.0715	-0.1344	0.1920	0.0050	-0.0021	-0.0621	0.0126	14.93	92.31%	16.18	-0.0650	-0.0908	-0.1657	0.2374	0.0074	-0.0026	-0.0793	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0004	0.0006	8.83	73.81%	11.96	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.65	-0.0006	-0.0008	-0.0067	0.0549	0.0077	-0.0010	0.0535	0.0000	1.60	96.83%	1.65	-0.0009	-0.0012	-0.0089	0.0650	0.0095	-0.0015	0.0620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0718	-0.0217	-0.0584	0.1750	0.0072	-0.0015	0.0288	0.0164	10.83	90.56%	11.96	-0.0876	-0.0259	-0.0706	0.2173	0.0111	-0.0018	0.0425	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0792	-0.1264	-0.1260	0.1332	0.0059	-0.0065	-0.1990	0.0073	10.59	88.56%	11.96	-0.1013	-0.1631	-0.1536	0.1638	0.0087	-0.0078	-0.2533	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0150	-0.1097	-0.1070	0.0815	0.0035	-0.0007	-0.1474	0.0066	6.42	53.69%	11.96	-0.0187	-0.1396	-0.1256	0.1049	0.0057	-0.0009	-0.1742	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0149	-0.0084	-0.0152	0.0536	0.0039	0.0000	0.0190	0.0000	2.32	85.64%	2.71	-0.0193	-0.0106	-0.0179	0.0664	0.0066	0.0000	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0114	-0.0034	-0.0559	0.0539	0.0120	-0.0027	-0.0075	0.0164	10.89	91.12%	11.96	-0.0138	-0.0043	-0.0687	0.0644	0.0179	-0.0034	-0.0079	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0716	-0.0225	-0.0469	0.0448	0.0061	-0.0007	-0.0908	0.4320	11.36	95.03%	11.96	-0.0925	-0.0284	-0.0578	0.0557	0.0094	-0.0009	-0.1145	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0078	-0.0019	-0.0111	0.0697	0.0049	-0.0004	0.0534	0.0014	2.76	94.32%	2.93	-0.0096	-0.0024	-0.0137	0.0851	0.0070	-0.0005	0.0659	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0307	-0.0048	-0.0364	0.1168	0.0089	-0.0001	0.0537	0.0095	10.70	89.45%	11.96	-0.0355	-0.0057	-0.0448	0.1447	0.0140	-0.0002	0.0725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	-0.0018	-0.0010	-0.0053	0.0600	0.0075	-0.0002	0.0592	0.0000	0.98	49.19%	1.98	-0.0020	-0.0011	-0.0063	0.0729	0.0105	-0.0004	0.0736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0051	-0.0008	-0.0117	0.0253	0.0048	-0.0017	0.0108	5.1820	7.07	67.74%	10.43	-0.0067	-0.0010	-0.0144	0.0303	0.0070	-0.0022	0.0130	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0065	-0.0060	-0.0206	0.0304	0.0046	0.0003	0.0022	0.0060	6.56	62.83%	10.43	-0.0065	-0.0060	-0.0244	0.0371	0.0057	0.0006	0.0065	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0727	-0.0117	-0.0797	0.0977	0.0113	-0.0098	-0.0649	0.4734	6.88	57.55%	11.96	-0.0886	-0.0139	-0.0967	0.1194	0.0179	-0.0136	-0.0755	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0710	0.1199	0.0139	-0.0050	0.0578	0.0035	9.51	79.54%	11.96	0.0000	0.0000	-0.0866	0.1462	0.0200	-0.0063	0.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0033	0.0000	-0.0043	0.0068	0.0041	0.0000	0.0033	0.0000	1.24	44.25%	2.80	-0.0043	0.0000	-0.0053	0.0084	0.0058	0.0000	0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.87	-0.0342	-0.0769	-0.1063	0.0934	0.0066	-0.0053	-0.1227	0.0148	7.92	89.33%	8.87	-0.0452	-0.0983	-0.1299	0.1147	0.0092	-0.0064	-0.1559	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0102	-0.1036	-0.1207	0.1205	0.0054	-0.0005	-0.1091	0.6073	8.25	54.81%	15.06	-0.0108	-0.1108	-0.1484	0.1605	0.0078	-0.0024	-0.1041	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0985	-0.0251	-0.0734	0.1811	0.0093	-0.0026	-0.0092	0.0000	9.73	81.37%	11.96	-0.1271	-0.0319	-0.0898	0.2182	0.0140	-0.0033	-0.0199	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1624	-0.0843	-0.0566	0.0273	0.0085	0.0100	-0.2575	3.4447	[redacted]			-0.1624	-0.0843	-0.0624	0.0310	0.0126	0.0098	-0.2557	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0183	-0.0991	-0.1031	0.2872	0.0093	0.0029	0.0789	2.6211	[redacted]			-0.0183	-0.0991	-0.1159	0.4439	0.0121	0.0028	0.2255	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0238	-0.0766	-0.0913	0.1294	0.0058	-0.0086	-0.0651	4.3820	7.39	61.78%	11.96	-0.0301	-0.0972	-0.1114	0.1608	0.0085	-0.0103	-0.0797	0.63	1.39	1.63	1.91	2.44	5.27%	11.63%	13.63%	15.99%	20.36%
1.39	-0.0032	-0.0039	-0.0051	0.0224	0.0039	-0.0014	0.0127	0.0255	0.76	54.46%	1.39	-0.0040	-0.0048	-0.0063	0.0274	0.0059	-0.0018	0.0164	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0238	-0.0398	-0.0799	0.0870	0.0078	-0.0031	-0.0518	0.0000	9.28	77.58%	11.96	-0.0308	-0.0527	-0.0946	0.1051	0.0125	-0.0033	-0.0638	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0137	-0.0217	-0.0649	0.1163	0.0053	-0.0012	0.0201	0.3506	11.87	73.38%	16.18	-0.0168	-0.0276	-0.0794	0.1419	0.0079	-0.0015	0.0245	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0706	-0.0135	-0.0351	0.1199	0.0055	0.0000	0.0062	0.0000	6.31	52.76%	11.96	-0.0908	-0.0172	-0.0428	0.1463	0.0085	0.0000	0.0040	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0060	-0.1201	-0.2116	0.0735	0.0034	-0.0048	-0.2656	0.5578	[redacted]			-0.0064	-0.1289	-0.2587	0.0949	0.0048	-0.0071	-0.3014	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.29	-0.0031	-0.0049	-0.0056	0.0410	0.0035	-0.0012	0.0297	0.0000	1.33	58.20%	2.29	-0.0038	-0.0059	-0.0068	0.0504	0.0056	-0.0013	0.0382	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0286	-0.1117	-0.1351	0.2485	0.0107	-0.0013	-0.0175	0.0026	11.24	69.46%	16.18	-0.0367	-0.1418	-0.1686	0.3101	0.0144	-0.0017	-0.0243	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0076	-0.0786	-0.0594	0.0576	0.0040	-0.0058	-0.0898	0.0054	[redacted]			-0.0093	-0.0999	-0.0719	0.0716	0.0059	-0.0061	-0.1097	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0943	-0.0219	-0.0763	0.0931	0.0101	-0.0035	-0.0928	0.3475	11.03	92.24%	11.96	-0.1058	-0.0244	-0.0923	0.1137	0.0153	-0.0068	-0.1003	0.65	0.65	0.67	0.70	0.72	6.36%	6.31%	6.50%	6.80%	6.99%
10.57	-0.0465	-0.0324	-0.0844	0.1456	0.0093	-0.0022	-0.0106	0.0002	9.44	89.37%	10.57	-0.0517	-0.0360	-0.0997	0.1784	0.0171	-0.0046	0.0035	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0261	-0.0071	-0.0601	0.0678	0.0058	-0.0011	-0.0208	0.0222	9.41	78.66%	11.96	-0.0354	-0.0093	-0.0736	0.0811	0.0085	-0.0013	-0.0300	1.82	2.28	2.80	3.62	4.44	16.77%	20.69%	25.41%	32.85%	40.36%
2.93	-0.0154	-0.0045	-0.0254	0.0525	0.0065	-0.0029	0.0108	0.0496	2.44	83.13%	2.93	-0.0160	-0.0046	-0.0307	0.0640	0.0096	-0.0047	0.0176	0.70	0.70	0.10	0.10	0.30	23.89%	23.89%	3.41%	3.41%	10.24%
[redacted]	-0.0314	-0.0009	-0.0021	0.0029	0.0023	0.0000	-0.0292	0.0000	[redacted]			-0.0379	-0.0012	-0.0026	0.0037	0.0032	0.0000	-0.0348	0.00	0.00	0.00	0.00	0.00	[redacted]				
5.89	-0.0220	-0.0334	-0.0531	0.1010	0.0036	-0.0002	-0.0041	0.0009	5.01	85.03%	5.89	-0.0280	-0.0418	-0.0633	0.1286	0.0063	-0.0003	0.0015	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0032	-0.0162	-0.0738	0.0722	0.0056	-0.0004	-0.0158	0.8702	6.66	41.16%	16.18	-0.0041	-0.0206	-0.0901	0.0889	0.0077	-0.0005	-0.0187	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0188	-0.0077	-0.0266	0.0191	0.0060	-0.0004	-0.0284	0.0000	4.59	38.40%	11.96	-0.0228	-0.0098	-0.0316	0.0230	0.0082	-0.0006	-0.0336	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0049	-0.0743	-0.1075	0.0145	0.0065	0.0007	-0.1650	0.3195	8.12	67.91%	11.96	-0.0061	-0.0959	-0.1266	0.0179	0.0064	0.0009	-0.2034	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0089	-0.0428	-0.0591	0.1076	0.0054	-0.0007	0.0015	0.0023	5.80	54.87%	10.57	-0.0113	-0.0543	-0.0734	0.1313	0.0087	-0.0009	0.0001	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.46	-0.0306	-0.0240	-0.0365	0.0060	0.0034	-0.0013	-0.0830	0.0000	4.92	51.98%	9.46	-0.0328	-0.0261	-0.0436	0.0077	0.0049	-0.0021	-0.0920	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0067	-0.0595	-0.1902	0.2781	0.0069	-0.0075	0.0211	4.2898	11.92	73.66%	16.18	-0.0078	-0.0694	-0.2345	0.3372	0.0106	-0.0102	0.0259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0215	-0.0691	-0.0423	0.0031	0.0030	-0.0004	-0.1272	7.7685	[redacted]			-0.0260	-0.0879	-0.0510	0.0039	0.0041	-0.0005	-0.1574	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0035	-0.0680	-0.0688	0.0323	0.0019	-0.0009	-0.1070	0.0321	[redacted]			-0.0043	-0.0864	-0.0837	0.0402	0.0029	-0.0010	-0.1323	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1074	-0.0131	-0.0447	0.2193	0.0076	-0.0004	0.0613	0.0000	8.94	74.80%	11.96	-0.1383	-0.0167	-0.0548	0.2680	0.0113	-0.0005	0.0690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.15	-0.0221	-0.0114	-0.0264	0.0377	0.0048	-0.0017	-0.0191	0.0000	5.06	70.77%	7.15	-0.0292	-0.0144	-0.0324	0.0464	0.0069	-0.0021	-0.0248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) 23	Cumulative Demand (MW) 23	Facility Loading (%) 23	Facility Loading Limit (MW) 23	Residential PV (MW) 23	Non-Residential PV (MW) 23	EE (MW) 23	EV (MW) 23	BE (MW) 23	ES (MW) 23	Total DER Growth (MW) 23	Base Demand (MW) 24	Cumulative Demand (MW) 24	Facility Loading (%) 24	Facility Loading Limit (MW) 24	Residential PV (MW) 24	Non-Residential PV (MW) 24	EE (MW) 24	EV (MW) 24	BE (MW) 24	ES (MW) 24	Total DER Growth (MW) 24	Base Demand (MW) 25	Cumulative Demand (MW) 25	Facility Loading (%) 25	Facility Loading Limit (MW) 25	Residential PV (MW) 25	Non-Residential PV (MW) 25	EE (MW) 25	EV (MW) 25	BE (MW) 25	ES (MW) 25	Total DER Growth (MW) 25	Base Demand (MW) 26	Cumulative Demand (MW) 26	Facility Loading (%) 26
Marvin		0.0000	13.36	40.57%	32.93	-0.0573	0.0000	-0.0331	0.0127	0.0017	-0.0019	-0.0779	0.0000	13.29	40.35%	32.93	-0.1075	0.0000	-0.0641	0.0273	0.0045	-0.0036	-0.1434	0.0000	13.22	40.14%	32.93	-0.1590	0.0000	-0.0949	0.0429	0.0086	-0.0052	-0.2076	0.0000	13.14	39.90%
Marx		0.0003	9.26	77.43%	11.96	-0.0224	-0.0032	-0.0141	0.0737	0.0011	-0.0001	0.0350	0.0034	9.31	77.86%	11.96	-0.0393	-0.0059	-0.0287	0.1506	0.0026	-0.0002	0.0791	0.0046	9.35	78.22%	11.96	-0.0580	-0.0088	-0.0434	0.2237	0.0052	-0.0003	0.1184	0.0060	9.39	78.52%
Mary		0.0000	9.59	80.17%	11.96	-0.0180	-0.0148	-0.0223	0.0429	0.0012	-0.0014	-0.0124	0.0000	9.59	80.17%	11.96	-0.0341	-0.0285	-0.0391	0.0893	0.0026	-0.0026	-0.0124	0.0009	9.58	80.15%	11.96	-0.0519	-0.0430	-0.0562	0.1352	0.0050	-0.0037	-0.0146	0.0029	9.58	80.13%
Maryland		0.0000	9.07	75.89%	11.96	-0.0221	-0.0076	-0.0140	0.0372	0.0007	-0.0001	-0.0059	0.0000	9.08	75.92%	11.96	-0.0402	-0.0145	-0.0260	0.0766	0.0018	-0.0002	-0.0025	0.0007	9.08	75.94%	11.96	-0.0605	-0.0219	-0.0373	0.1149	0.0038	-0.0003	-0.0013	0.0022	9.08	75.96%
Mashie		0.0002	7.67	64.11%	11.96	-0.0140	-0.0088	-0.0141	0.0425	0.0008	-0.0003	0.0061	0.0037	7.68	64.26%	11.96	-0.0267	-0.0169	-0.0262	0.0878	0.0019	-0.0007	0.0192	0.0054	7.70	64.39%	11.96	-0.0401	-0.0256	-0.0377	0.1320	0.0039	-0.0010	0.0315	0.0080	7.71	64.50%
Massachusetts		0.0000	10.14	84.79%	11.96	-0.0115	-0.0077	-0.0231	0.0434	0.0011	-0.0005	0.0017	0.0000	10.15	84.87%	11.96	-0.0209	-0.0143	-0.0442	0.0885	0.0028	-0.0009	0.0110	0.0000	10.16	84.94%	11.96	-0.0314	-0.0214	-0.0651	0.1312	0.0057	-0.0013	0.0177	0.0000	10.16	84.97%
Massacre		0.0000	9.45	79.06%	11.96	-0.0329	-0.0118	-0.0169	0.0110	0.0020	-0.0003	-0.0489	0.0000	9.41	78.68%	11.96	-0.0600	-0.0222	-0.0348	0.0229	0.0041	-0.0006	-0.0906	0.0000	9.36	78.29%	11.96	-0.0873	-0.0334	-0.0523	0.0346	0.0060	-0.0009	-0.1333	0.0000	9.32	77.92%
Mast		0.0000	[redacted]			0.0000	0.0000	-0.0047	0.0114	0.0018	0.0001	0.0086	0.0000	[redacted]			0.0000	0.0000	-0.0081	0.0241	0.0038	0.0002	0.0200	0.0006	[redacted]			0.0000	0.0000	-0.0113	0.0381	0.0057	0.0003	0.0328	0.0021	[redacted]	
Matador		0.4756	7.77	64.95%	11.96	-0.0117	-0.0119	-0.0157	0.0090	0.0006	-0.0010	-0.0307	0.4771	7.74	64.74%	11.96	-0.0229	-0.0225	-0.0301	0.0200	0.0018	-0.0019	-0.0556	0.4778	7.72	64.54%	11.96	-0.0336	-0.0339	-0.0440	0.0325	0.0031	-0.0028	-0.0787	0.4782	7.70	64.36%
Matera		0.0003	[redacted]			-0.0238	-0.0290	-0.0429	0.0145	0.0005	-0.0001	-0.0808	0.0055	[redacted]			-0.0424	-0.0538	-0.0756	0.0307	0.0013	-0.0006	-0.1404	0.0063	[redacted]			-0.0617	-0.0804	-0.1053	0.0460	0.0024	-0.0011	-0.2001	0.0087	[redacted]	
Mateus	GNA_2023_239	0.0004	9.54	79.81%	11.96	-0.0218	-0.0145	-0.0246	0.0185	0.0010	-0.0001	-0.0415	0.7263	10.30	86.12%	11.96	-0.0391	-0.0273	-0.0446	0.0382	0.0024	-0.0002	-0.0706	0.7291	10.27	85.86%	11.96	-0.0582	-0.0409	-0.0641	0.0574	0.0044	-0.0003	-0.1017	0.7359	10.24	85.62%
Mathias		0.0004	8.49	70.97%	11.96	-0.0043	-0.0091	-0.0211	0.0079	0.0007	-0.0022	-0.0281	0.0040	8.47	70.81%	11.96	-0.0079	-0.0173	-0.0390	0.0161	0.0021	-0.0044	-0.0504	0.0057	8.44	70.62%	11.96	-0.0116	-0.0261	-0.0567	0.0239	0.0041	-0.0066	-0.0730	0.0095	8.42	70.46%
Matilija		0.0003	[redacted]			-0.0077	-0.0160	-0.0345	0.0207	0.0007	-0.0002	-0.0370	0.0043	[redacted]			-0.0147	-0.0299	-0.0595	0.0428	0.0030	-0.0005	-0.0588	0.0061	[redacted]			-0.0218	-0.0448	-0.0880	0.0649	0.0054	-0.0007	-0.0850	0.0106	[redacted]	
Matlock		0.0002	6.81	56.98%	11.96	-0.0086	-0.0016	-0.0077	0.0334	0.0009	-0.0001	0.0163	0.0036	6.85	57.28%	11.96	-0.0116	-0.0021	-0.0152	0.0729	0.0023	-0.0010	0.0453	0.0052	6.88	57.53%	11.96	-0.0149	-0.0027	-0.0222	0.1100	0.0041	-0.0020	0.0723	0.0074	6.91	57.77%
Matney		0.0000	2.41	82.31%	2.93	-0.0015	-0.0018	-0.0045	0.0226	0.0005	-0.0006	0.0147	0.0000	2.43	82.93%	2.93	-0.0027	-0.0035	-0.0087	0.0462	0.0015	-0.0011	0.0317	0.0000	2.45	83.51%	2.93	-0.0039	-0.0053	-0.0129	0.0686	0.0029	-0.0016	0.0478	0.0003	2.45	83.78%
Matterhorn	GNA_2023_190	1.2318	[redacted]			-0.0129	-0.0058	-0.0185	0.0115	0.0007	0.0000	-0.0250	1.8500	[redacted]			-0.0166	-0.0077	-0.0330	0.0251	0.0017	-0.0009	-0.0314	2.3587	[redacted]			-0.0205	-0.0097	-0.0468	0.0378	0.0029	-0.0017	-0.0380	3.2698	[redacted]	
Mauel		0.0000	4.58	54.82%	8.35	-0.0183	-0.0039	-0.0090	0.0093	0.0004	-0.0007	-0.0222	0.0000	4.56	54.60%	8.35	-0.0336	-0.0074	-0.0177	0.0195	0.0015	-0.0014	-0.0391	0.0000	4.54	54.38%	8.35	-0.0493	-0.0111	-0.0262	0.0298	0.0029	-0.0021	-0.0560	0.0000	4.52	54.17%
Maulhardt		0.0000	12.87	79.59%	16.18	-0.0098	-0.0197	-0.0587	0.0343	0.0020	-0.0004	-0.0523	0.0000	12.84	79.38%	16.18	-0.0179	-0.0369	-0.1037	0.0702	0.0039	-0.0008	-0.0852	0.0000	12.82	79.23%	16.18	-0.0267	-0.0553	-0.1377	0.1043	0.0083	-0.0012	-0.1083	0.0000	12.79	79.06%
Mauna Loa		0.1730	5.57	46.62%	11.96	-0.0083	-0.0147	-0.0238	0.0041	0.0002	-0.0005	-0.0430	0.2209	5.59	46.76%	11.96	-0.0152	-0.0273	-0.0420	0.0085	0.0009	-0.0010	-0.0761	0.2373	5.57	46.60%	11.96	-0.0227	-0.0408	-0.0598	0.0127	0.0021	-0.0015	-0.1100	0.2482	5.55	46.38%
Maverick		0.0002	4.94	47.31%	10.43	-0.0104	-0.0005	-0.0033	0.0032	0.0002	-0.0001	-0.0109	0.0031	6.09	58.33%	10.43	-0.0193	-0.0009	-0.0069	0.0067	0.0007	-0.0001	-0.0198	0.0045	6.08	58.25%	10.43	-0.0292	-0.0014	-0.0104	0.0100	0.0014	0.0000	-0.0296	0.0078	6.07	58.19%
Maxim		0.3625	10.11	84.54%	11.96	-0.0384	-0.0031	-0.0137	0.0051	0.0012	-0.0001	-0.0490	0.4171	10.12	84.67%	11.96	-0.0698	-0.0057	-0.0271	0.0105	0.0028	-0.0002	-0.0895	0.4262	10.09	84.38%	11.96	-0.1033	-0.0085	-0.0399	0.0157	0.0052	-0.0003	-0.1311	0.4435	10.07	84.19%
Maximus		0.0004	13.94	86.18%	16.18	-0.0324	-0.0046	-0.0184	0.0469	0.0010	-0.0002	-0.0077	0.0075	13.96	86.28%	16.18	-0.0548	-0.0087	-0.0359	0.0983	0.0023	-0.0004	0.0008	0.0093	13.97	86.35%	16.18	-0.0791	-0.0131	-0.0525	0.1501	0.0040	-0.0006	0.0088	0.0105	13.98	86.40%
Maxine		0.0000	3.00	102.36%	2.93	-0.0031	-0.0001	-0.0022	0.0173	0.0007	0.0000	0.0126	0.0001	3.01	102.91%	2.93	-0.0055	-0.0002	-0.0046	0.0354	0.0018	0.0000	0.0269	0.0001	2.65	90.40%	2.93	-0.0082	-0.0003	-0.0071	0.0527	0.0034	0.0000	0.0405	0.0001	2.66	90.88%
Maxson		0.0005	10.81	66.81%	16.18	-0.0277	-0.0220	-0.0365	0.0876	0.0010	-0.0004	0.0020	0.1370	10.95	67.71%	16.18	-0.0533	-0.0433	-0.0703	0.1722	0.0024	-0.0021	0.0056	0.1857	11.01	68.08%	16.18	-0.0806	-0.0662	-0.1043	0.2654	0.0048	-0.0041	0.0150	0.2176	11.52	71.20%
Mayan		0.0000	8.86	74.10%	11.96	-0.0147	-0.0055	-0.0125	0.0124	0.0006	-0.0001	-0.0198	0.0000	8.85	73.98%	11.96	-0.0281	-0.0102	-0.0250	0.0275	0.0021	-0.0002	-0.0339	0.0000	8.84	73.94%	11.96	-0.0362	-0.0134	-0.0368	0.0444	0.0044	-0.0003	-0.0379	0.0000	8.84	73.92%
Maybell		0.0000	11.43	95.61%	11.96	-0.0087	-0.0045	-0.0187	0.0708	0.0007	-0.0002	0.0394	0.0000	11.49	96.07%	11.96	-0.0157	-0.0083	-0.0342	0.1449	0.0034	-0.0004	0.0897	0.0000	11.53	96.47%	11.96	-0.0231	-0.0124	-0.0519	0.2154	0.0059	-0.0006	0.1333	0.0000	11.58	96.82%
Mayer		0.0002	[redacted]			-0.0393	0.0000	-0.0072	0.0318	0.0013	-0.0001	-0.0135	0.0038	[redacted]			-0.0742	0.0000	-0.0158	0.0649	0.0033	-0.0002	-0.0220	0.0055	[redacted]			-0.1086	0.0000	-0.0246	0.0962	0.0066	-0.0003	-0.0307	0.1371	[redacted]	
Mayfair		0.0000	2.59	88.50%	2.93	-0.0003	0.0000	-0.0024	0.0151	0.0007	-0.0001	0.0130	0.0000	2.63	89.92%	2.93	-0.0006	0.0000	-0.0051	0.0308	0.0018	-0.0003	0.0266	0.0000	2.65	90.40%	2.93	-0.0009	0.0000	-0.0079	0.0455	0.0034	-0.0005	0.0396	0.0000	2.66	90.86%
Mayo		0.0000	9.72	74.29%	13.09	-0.0019	-0.0119	-0.0332	0.0127	0.0011	-0.0006	-0.0338	0.0000	9.69	74.04%	13.09	-0.0046	-0.0281	-0.0595	0.0249	0.0027	-0.0010	-0.0656	0.0000	9.66	73.79%	13.09	-0.0076	-0.0455	-0.0849	0.0382	0.0046	-0.0014	-0.0966	0.0000	9.63	73.60%
Mays		0.0000	5.94	49.69%	11.96	-0.0031	-0.0122	-0.0147	0.0024	0.0002	-0.0013	-0.0287	0.0000	5.91	49.45%	11.96	-0.0056	-0.0233	-0.0295	0.0050	0.0007	-0.0024	-0.0551	0.0000	5.88	49.20%	11.96	-0.0083	-0.0351	-0.0436	0.0076	0.0014	-0.0037	-0.0817	0.0000	5.85	48.96%
Mazatlan		0.0000	[redacted]			-0.0181	-0.0034	-0.0105	0.0227	0.0008	0.0000	-0.0085	0.0000	[redacted]			-0.0321	-0.0062	-0.0207	0.0467	0.0021	0.0000	-0.0102	0.0000	[redacted]			-0.0480	-0.0093	-0.0308	0.0700	0.0041	0.0000	-0.0140	0.0000	[redacted]	
Mc Allister		0.0002	10.54	88.18%	11.96	-0.0240	-0.0007	-0.0091	0.0504	0.0013	-0.0003	0.0176	0.0002	10.57	88.41%	11.96	-0.0431	-0.0013	-0.0181	0.1028	0.0026	-0.0005	0.0424	0.0002	10.60	88.63%	11.96	-0.0623	-0.0019	-0.0259	0.1523	0.0053	-0.0007	0.0668	0.0002	10.62	88.83%
Mc Caslin		0.0000	[redacted]			0.0000	0.0000	-0.0007	0.0007	0.0006	0.0000	0.0006	0.0000	[redacted]			0.0000	0.0000	-0.0012	0.0014	0.0018	-0.0001	0.0019	0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0021	0.0030	-0.0002	0.0032	0.0000	[redacted]	
Mc Clary		0.0046	0.75	88.04%	0.85	-0.0018	-0.0003	-0.0006	0.0010	0.0017	0.0002	0.0002	0.0059	0.75	88.28%	0.85	-0.0034	-0.0005	-0.0012	0.0021	0.0034	0.0006	0.0010	0.0066	0.76	88.49%	0.85	-0.0050	-0.0007	-0.0018	0.0032	0.0054	0.0009	0.0020	0.0071	0.76	88.68%
Mc Cormick		0.0001	[redacted]			-0.0014	-0.0151	-0.0330	0.0043	0.0003	-0.0001	-0.0450	0.0014	[redacted]			-0.0028	-0.0276	-0.0584	0.0088	0.0011	-0.0002	-0.0791	0.0028	[redacted]			-0.0038	-0.0366	-0.0829	0.0142	0.0025	-0.0003	-0.1069	0.0053	[redacted]	
Mcbean		0.0002	14.83	95.17%	15.59	-0.0108	-0.0162	-0.0389	0.0813	0.0008	-0.0012	0.0150	0.0015	14.98	96.11%	15.59	-0.0191	-0.0304	-0.0687	0.2671	0.0018	-0.0023	0.1484	0.0020	15.25	97.83%	15.59	-0.0281	-0.0455	-0.0993	0.5647	0.0034	-0.0033	0.3919	0.0027	12.70	81.48%
Mccallum		0.0000	2.59	98.72%	2.62	-0.0060	-0.0006	-0.0024	0.0021	0.0003	0.0000	-0.0066	0.0000	2.59	98.52%	2.62	-0.0108	-0.0012	-0.0049	0.0044	0.0010	0.0000	-0.0115	0.0000	2.58	98.30%	2.62	-0.0162	-0.0019	-0.0068	0.0066	0.0015	0.0001	-0.0167	0.0000	2.58	98.14%
Mccarty		0.0000	8.79	56.40%	15.59	-0.0009	-0.0136	-0.0211	0.0168	0.0007	-0.0001	-0.0182	0.0000	9.89	63.44%	15.59	-0.0018	-0.0247	-0.0389	0.0403	0.0015	-0.0007	-0.0243	0.0000	9.88	63.39%	15.59	-0.0027	-0.0365	-0.0561	0.0632	0.0024	-0.0013	-0.0310	0.0000	9.87	63.30%
Mccloud		0.2839	6.85	48.52%	14.12	-0.0022	-0.0215	-0.0347	0.0830	0.0005	0.0000	0.0251	0.3634	7.00	49.55%	14.12	-0.0043	-0.0394	-0.0646	0.1954	0.0014	-0.0002	0.0883	0.3890	7.06	49.98%	14.12	-0.0065	-0.0587	-0.0931	0.2766	0.0029	-0.0004	0.1208	0.4037	7.08	50.18%
McDermont		0.0002	4.08	39.14%	10.43	-0.0018	-0.0022	-0.0072	0.0045	0.0031	-0.0004	-0.0040	0.0018	4.08	39.14%	10.43	-0.0035	-0.0040	-0.0134	0.0100	0.0066	-0.0008	-0.0051	0.0024	4.06	33.99%	11.96	-0.0116	-0.0135	-0.0249	0.0177	0.0083	-0.0009	-0.0249	0.0033	4.06	33.96%
Mcdonnell		0.0001	7.16	44.29%	16.18	-0.0027	-0.0176	-0.0274	0.0102	0.0004	-0.0010	-0.0381	0.0017	7.14	44.11%	16.18	-0.0053	-0.0332	-0.0499	0.0218	0.0015	-0.0019	-0.0670	0.0021	7.11	43.94%	16.18	-0.0080	-0.0498	-0.0709	0.0333	0.0032	-0.0021	-0.0943	0.0024	7.10	43.87%
McEnroe		0.0001	9.85	82.36%	11.96	-0.0059	-0.0393	-0.0393	0.0074	0.0010	0.0003	-0.0758	0.0011	9.79	81.90%	11.96	-0.0117	-0.0716	-0.0676	0.0171	0.0021	0.0008	-0.1309	0.0013	9.74	81.42%	11.96	-0.0172	-0.1065	-0.0957	0.0286	0.0029	0.0013	-0.1866	0.0018	9.69	81.03%
Mcewan		0.0000	8.23	53.08%	15.50	-0.0051	-0.0073	-0.0217	0.1194	0.0034	-0.0009	0.0878	0.0000	8.33	53.75%	15.50	-0.0092	-0.0141	-0.0378	0.2441	0.0061	-0.0019	0.1872	0.0000	8.43	54.38%	15.50	-0.0136	-0.0213	-0.0536	0.3624	0.0103	-0.0029	0.2813	0.0000	8.54	55.09%
McFadden		0.0002	6.03	50.46%	11.96	-0.0058	-0.0255	-0.0254	0.0140	0.0001	-0.0015	-0.0441	0.0038	6.00	50.20%	11.96	-0.0117	-0.0483	-0.0444	0.0297	0.0004	-0.0027	-0.0770	0.0055	5.97	49.92%	11.96	-0.0178	-0.0727	-0.0626	0.0459	0.0006	-0.0039	-0.1105	0.0097	5.94	49.68%
McFarland		0.0002	[redacted]			0.0000	-0.0003	-0.0095	0.0029	0.0007	0.0000	-0.0062	0.0033	[redacted]			0.0000	-0.0005	-0.0186	0.0059	0.0017	-0.0001	-0.0116	0.0048	[redacted]			0.0000	-0.0007	-0.0284	0.0088	0.0028	-0.0002	-0.0177	0.0061	[redacted]	
Mcgee		0.0000	1.54	63.16%	2.43	-0.0028	-0.0007	-0.0018	0.0057	0.0034	0.0028	0.0066	0.0001	1.54	63.43%	2.43	-0.0052	-0.0013	-0.0035	0.0120	0.0071	0.0035	0.0126	0.0001	1.55	63.71%	2.43	-0.0078	-0.0020	-0.0050	0.0187	0.0110	0.0039	0.0188	0.0001	1.56	63.99%
Mckeever		0.0000	9.90	82.79%	11.96	0.0000	0.0000	-0.0128	0.0757	0.0077	-0.0001	0.0705	0.0000	9.97	83.40%	11.96	0.0000	0.0000	-0.0254	0.1456	0.0204	-0.0012	0.1394	0.0053	10.06	84.17%	11.96	0.0000	0.0000	-0.0367	0.2250	0.0323	-0.0014	0.2192	0.1413	10.29	86.10%
Mckevett	GNA_2023_186	0.0000	0.86	103.85%	0.83	0.0000	0.0000	-0.0006	0.0022	0.0016	-0.0001	0.0031	0.0000	0.67	80.92%	0.83	0.0000	0.0000	-0.0012	0.0045	0.0035	-0.0002	0.0066	0.0000	0.68	81.43%	0.83	0.0000	0.0000	-0.0018	0.0068	0.0057	-0.0003	0.0104	0.0000	0.68	81.95%
Mckinley		0.0000	1.99	83.17%	2.39	0.0000	0.0000	-0.0013	0.0119	0.0024	0.0003	0.0133	0.0004	1.99	83.47%	2.39	0.0000	0.0000	-0.0045	0.0212	0.0039	-0.0008	0.0198	0.0005	2.00	83.75%	2.39	0.0000	0.0000	-0.0076	0.0303	0.0056	-0.0020	0.0263	0.0006	2.01	84.03%
McLaughlin		0.2651	9.28	77.64%	11.96	-0.0435	-0.0004	-0.0072	0.0235	0.0014	-0.0001	-0.0263	0.4299	9.45	79.03%	11.96	-0.0755	-0.0008	-0.0154	0.0479	0.0036	-0.0002	-0.0404	0.4846	9.49	79.39%	11.96	-0.1083	-0.0012	-0.0233	0.0710	0.0064	-0.0003	-0.0557	0.5224	9.52	79.59%
Mcmanus		0.0004	10.91	91.24%	11.96	-0.0182	-0.0112	-0.0167	0.0177	0.0003	-0.0002	-0.0283	0.0062	10.90	91.14%	11.96	-0.0343	-0.0206	-0.0320	0.0408	0.0013	-0.0004	-0.0452	0.0089	10.89	91.06%	11.96	-0.0499	-0.0307	-0.0471	0.0683	0.0029	-0.0006	-0.0571	0.0148	10.88	91.02%
Mcnab		0.0000	2.37	80.78%	2.93	-0.0061	-0.0006	-0.0029	0.0101	0.0008	-0.0001	0.0012	0.0000	2.37	80.92%	2.93	-0.0108	-0.0011	-0.0055	0.0209	0.0017	-0.0002	0.0050	0.0000	2.38	81.21%	2.93	-0.0144	-0.0015	-0.0083	0.0337	0.0034	-0.0003	0.0126	0.0000	2.39	81.48%
Meadowbrook		0.0004	7.15	59.81%	11.96	-0.0065	-0.0283	-0.0383	0.0207	0.0009	-0.0013	-0.0528	0.0062	7.12	59.51%	11.96	-0.0125	-0.0527	-0.0736	0.0468	0.0024	-0.0025	-0.0921	0.0089	7.08	59.22%	11.96	-0.0185	-0.0789	-0.1085	0.0771	0.0046	-0.0036	-0.1278	0.0135	7.04	58.91%
Meadowlark		0.0009	[redacted]			0.0000	0.0000	-0.0027	0.0033	0.0044	-0.0006	0.0044	0.0012	[redacted]			0.0000	0.0000	-0.0051	0.0068	0.0092	-0.0010	0.0099	0.0013	[redacted]			0.0000	0.0000	-0.0075	0.0102	0.0144	-0.0014	0.0157	0.0013	[redacted]	
Meagan		0.0001	[redacted]			-0.0074	-0.0311	-0.0459	0.0154	0.0008	-0.0017	-0.0699	0.0017	[redacted]			-0.0136	-0.0586	-0.0856	0.0328	0.0021	-0.0032	-0.1261	0.0020	[redacted]			-0.0200	-0.0879	-0.1245	0.0508	0.0040	-0.0046	-0.1822	0.2572	[redacted]	
Meander		0.0000	8.96	55.42%	16.18	-0.0040	-0.0032	-0.0101	0.0125	0.0005	-0.0002	-0.0045	0.0000	12.96	80.13%	16.18	-0.0074	-0.0060	-0.0201	0.0260	0.0016	-0.0004	-0.0063	0.0000	12.96	80.11%	16.18	-0.0113	-0.0090	-0.0302	0.0394	0.0031	-0.0005	-0.0085	0.0000	12.96	80.10%
Mears	GNA_2023_98	4.9154	11.06	92.47%	11.96	-0.0017	-0.0137	-0.0411	0.0246	0.0006	-0.0003	-0.0316	5.9442	12.12	101.38%	11.96	-0.0033	-0.0253	-0.0722	0.0501	0.0014	-0.0006	-0.0499	5.9445	6.91	57.78%	11.96	-0.0049	-0.0378	-0.1008	0.0743	0.0026	-0.0009	-0.0675	5.9447	6.89	57.60%
Meats		0.0003	10.29	86.08%	11.96	-0.0144	-0.0111	-0.0210	0.0495	0.0010	-0.0006	0.0034	0.0030	10.31	86.22%	11.96	-0.0271	-0.0209	-0.0413	0.1034	0.0026	-0.0011	0.0156	0.0036	10.32	86.33%	11.96	-0.0404	-0.0313	-0.0615	0.1575	0.0050	-0.0016	0.0277	0.0043	10.34	86.45%
Mebane		0.0000	[redacted]			-0.0007	0.0000	-0.0001	0.0102	0.0001	0.0001	0.0096	0.0000	[redacted]			-0.0014	0.0000	-0.0002	0.0212	0.0002	0.0001	0.0199	0.0000	[redacted]			-0.0021	0.0000	-0.0003	0.0322	0.0004	0.0001	0.0303	0.0000	[redacted]	
Medal		0.0003	9.98	83.47%	11.96	-0.0205	-0.0060	-0.0165	0.0577	0.0009	-0.0004	0.0152	0.0047	10.01	83.75%	11.96	-0.0366	-0.0112	-0.0332	0.1207	0.0022	-0.0008	0.0411	0.0057	10.04	83.98%	11.96	-0.0545	-0.0168	-0.0499	0.1838	0.0042	-0.0012	0.0656	0.0068	10.07	84.19%
Medallion		0.0003	9.48	79.26%	11.96	-0.0153	-0.0080	-0.0170	0.0078	0.0004	-0.0010	-0.0331	0.0021	9.44	78.99%	11.96	-0.0279	-0.0161	-0.0353	0.0147	0.0014	-0.0017	-0.0649	0.0028	10.18	85.11%	11.96	-0.0416	-0.0247	-0.0531	0.0216	0.0028	-0.0025	-0.0975	0.0037	10.14	84.82%
Medford		0.0000	2.42	85.34%	2.84	-0.0022	-0.0004	-0.0028	0.0080	0.0006	-0.0001	0.0031	0.0000	2.43	85.49%	2.84	-0.0040	-0.0008	-0.0058	0.0163	0.0015	-0.0002	0.0070	0.0000	2.43	85.63%	2.84	-0.0060	-0.0012	-0.0088	0.0242	0.0029	-0.0003	0.0108	0.0000	2.43	85.76%
Medical		0.0000	2.18	91.15%	2.39	0.0000	0.0000	-0.0031	0.0409	0.0025	-0.0005	0.0398	0.0000	2.22	92.80%	2.39	0.0000	0.0000	-0.0058	0.0779	0.0066	-0.0015	0.0772	0.0000	2.26	94.60%	2.39	0.0000	0.0000	-0.0085	0.1183	0.0107	-0.0022	0.1183	0.0000	2.30	96.23%
Medio		0.0000	1.48	89.76%	1.65	0.0000	0.0000	-0.0022	0.0256	0.0019	-0.0003	0.0250	0.0006	1.51	91.51%	1.65	0.0000	0.0000	-0.0041	0.0521	0.0044	-0.0006	0.0518	0.0013	1.54	93.26%	1.65	0.0000	0.0000	-0.0060	0.0786	0.0067	-0.0009	0.0784	0.0023	1.57	94.99%
Mednick		0.0000	0.83	34.71%	2.39	-0.0004	-0.0010	-0.0025	0.0017	0.0005	-0.0001	-0.0018	0.0000	0.83	34.68%	2.39	-0.0008	-0.0019	-0.0045	0.0035	0.0013	-0.0002	-0.0026	0.0000	0.83	34.68%	2.39	-0.0008	-0.0019	-0.0045	0.0035	0.0013	-0.0002	-0.0026	0.0000	0.83	34.68%
Medusa		0.0003	[redacted]			-0.0056	-0.0401	-0.0627	0.0060	0.0005	-0.0003	-0.1022	0.0024	[redacted]			-0.0109	-0.0729	-0.1156	0.0167	0.0013	-0.0006	-0.1820	0.0028	[redacted]			-0.0161	-0.1082	-0.1672	0.0322	0.0025	-0.0008	-0.2576	0.0028	[redacted]	
Melinda		0.0000	8.34	69.79%	11.96	-0.0229	-0.0058	-0.0140	0.0618	0.0006	-0.0001	0.0196	0.0000	8.38	70.07%	11.96	-0.0413	-0.0110	-0.0263	0.1278	0.0016	-0.0002	0.0506	0.0000	8.43	70.53%	11.96	-0.0548	-0.0147	-0.0391	0.2056	0.0039	-0.0006	0.1003	0.0000	8.46	70.74%
Melissa		0.0000	7.69	64.35%	11.96	-0.0093	-0.0103	-0.0193	0.0214	0.0009	-0.0007	-0.0173	0.0000	7.69	64.28%	11.96	-0.0173	-0.0195	-0.0336	0.0441	0.0020	-0.0013	-0.0256	0.0000	7.68	64.19%	11.96	-0.0258	-0.0293	-0.0482	0.0662	0.0039	-0.0019	-0.0351	0.0000	7.66	64.10%
Melody		0.0001	4.05	58.75%	6.90	-0.1012	-0.0013	-0.0073	0.0232	0.0006	-0.0002	-0.0862	0.0010	3.97	57.60%	6.90	-0.1979	-0.0024	-0.0156	0.0481	0.0017	-0.0002	-0.1663	0.0014	3.90	56.51%	6.90	-0.2906	-0.0036	-0.0230	0.0725	0.0032	-0.0003	-0.2418	0.0188	3.85	55.76%
Melon		0.1196	8.73	78.45%	11.13	-0.0273	-0.0119	-0.0202	0.0069	0.0007	-0.0004	-0.0522	0.7259	8.59	77.21%	11.13	-0.0502	-0.0222	-0.0377	0.0150	0.0028	-0.0007	-0.0930	0.7259	8.56	76.92%	11.13	-0.0691	-0.0311	-0.0522	0.0253	0.0045	-0.0013	-0.1239	0.7259	8.53	76.63%
Melrose		0.0003	13.08	80.83%	16.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.0031	10.19	62.99%	16.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3878	7.32	45.27%	16.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8941	7.88	48.70%
Melvere		0.0000	11.11	92.93%	11.96	-0.0154	-0.0351	-0.0302	0.0053	0.0028	-0.0004	-0.0730	0.0000	11.04	92.37%	11.96	-0.0271	-0.0603	-0.0615	0.0128	0.0045	-0.0021	-0.1337	0.0000	10.98	91.83%	11.96	-0.0384	-0.0871	-0.0921	0.0208	0.0070	-0.0037	-0.1935	0.0000	10.91	91.23%
Memory		0.0000	[redacted]			-0.0200	-0.0091	-0.0180	0.0379	0.0007	-0.0001	-0.0086	0.0000	[redacted]			-0.0368	-0.0170	-0.0330	0.0781	0.0017	-0.0002	-0.0072	0.0010	[redacted]			-0.0554	-0.0255	-0.0471	0.1171	0.0035	-0.0003	-0.0077	0.0031	[redacted]	
Memphis		0.0003	9.09	76.01%	11.96	-0.0210	-0.0070	-0.0204	0.0412	0.0010	-0.0009	-0.0071	0.0051	9.10	76.09%	11.96	-0.0378	-0.0131	-0.0385	0.0851	0.0027	-0.0014	-0.0030	0.0072	9.10	76.13%	11.96	-0.0566	-0.0197	-0.0556	0.1279	0.0048	-0.0019	-0.0011	0.0122	9.11	76.16%
Mendocino		0.0000	6.70	56.02%	11.96	-0.0004	-0.0041	-0.0124	0.0028	0.0007	0.0000	-0.0134	0.0000	6.69	55.94%	11.96	-0.0008	-0.0074	-0.0218	0.0058	0.0013	0.0000	-0.0229	0.0085	6.69	55.94%	11.96	-0.0010	-0.0093	-0.0333	0.0097	0.0023	-0.0001	-0.0317	0.2272	6.91	57.79%
Mendoza		3.0649	[redacted]			-0.0001	-0.0020	-0.0101	0.0042	0.0013	0.0000	-0.0067	3.8950	[redacted]			-0.0002	-0.0037	-0.0175	0.0086	0.0027	0.0000	-0.0101	4.2188	[redacted]			-0.0003	-0.0055	-0.0234	0.0131	0.0037	0.0000	-0.0124	4.5719	[redacted]	
Menifee		0.0004	11.01	92.07%	11.96	-0.0442	-0.0027	-0.0125	0.0454	0.0015	-0.0002	-0.0127	0.0070	11.01	92.11%	11.96	-0.0798	-0.0050	-0.0255	0.0928	0.0037	-0.0004	-0.0142	0.0102	11.01	92.12%	11.96	-0.1156	-0.0075	-0.0378	0.1379	0.0065	-0.0006	-0.0171	0.0179	11.02	92.15%
Menlo		0.0000	0.90	39.76%	2.26	0.0000	0.0000	-0.0008	0.0142	0.0022	-0.0002	0.0154	0.0000	0.92	40.57%	2.26	0.0000	0.0000	-0.0015	0.0306	0.0040	-0.0002	0.0329	0.0000	0.93	41.33%	2.26	0.0000	0.0000	-0.0020	0.0453	0.0054	0.0004	0.0491	0.0000	0.95	42.18%
Mentry		0.0003	11.98	74.04%	16.18	-0.0139	-0.0030	-0.0167	0.1061	0.0009	-0.0003	0.0731	0.0047	12.07	74.64%	16.18	-0.0238	-0.0057	-0.0310	0.2169	0.0020	-0.0005	0.1579	0.0058	12.16	75.18%	16.18	-0.0345	-0.0086	-0.0459	0.3220	0.0037	-0.0008	0.2359	0.0167	12.25	75.71%
Mercado		0.0000	[redacted]			-0.0052	-0.0195	-0.0313	0.0337	0.0008	-0.0001	-0.0216	0.0000	[redacted]			-0.0097	-0.0356	-0.0612	0.0776	0.0020	-0.0002	-0.0271	0.0000	[redacted]			-0.0144	-0.0529	-0.0910	0.1297	0.0038	-0.0003	-0.0251	0.0000	[redacted]	
Mercantile		0.0000	0.70	35.37%	1.98	-0.0002	-0.0025	-0.0017	0.0011	0.0002	-0.0003	-0.0034	0.0004	0.70	35.25%	1.98	-0.0004	-0.0049	-0.0029	0.0023	0.0005	-0.0006	-0.0060	0.0005	0.70	35.21%	1.98	-0.0005	-0.0064	-0.0041	0.0041	0.0011	-0.0011	-0.0069	0.0006	0.70	35.17%
Mercedes		0.1156	10.63	88.90%	11.96	-0.0131	-0.0167	-0.0348	0.0369	0.0008	-0.0005	-0.0274	0.1474	10.65	89.05%	11.96	-0.0257	-0.0309	-0.0660	0.0786	0.0028	-0.0010	-0.0422	0.1654	10.65	89.10%	11.96	-0.0388	-0.0462	-0.0966	0.1222	0.0056	-0.0015	-0.0553	0.1654	10.64	88.98%
Mercer		0.0000	[redacted]			-0.0086	-0.0168	-0.0421	0.0317	0.0010	-0.0028	-0.0376	0.0000	[redacted]			-0.0155	-0.0318	-0.0769	0.0649	0.0026	-0.0053	-0.0620	0.0000	[redacted]			-0.0236	-0.0478	-0.1110	0.0964	0.0050	-0.0078	-0.0888	0.0000	[redacted]	
Meredith	GNA_2023_57	0.7967	[redacted]			-0.0039	-0.0285	-0.0504	0.0025	0.0029	0.0000	-0.0774	0.8033	[redacted]			-0.0077	-0.0516	-0.0916	0.0051	0.0070	0.0000	-0.1388	0.8065	[redacted]			-0.0113	-0.0765	-0.1315	0.0077	0.0124	0.0000	-0.1992	1.1947	[redacted]	
Meridian		0.2871	15.91	98.35%	16.18	-0.0106	-0.0380	-0.0507	0.0297	0.0011	-0.0016	-0.0701	0.2892	15.87	98.11%	16.18	-0.0187	-0.0662	-0.0924	0.0705	0.0023	-0.0034	-0.1079	0.2892	15.83	97.84%	16.18	-0.0277	-0.0964	-0.1353	0.1125	0.0042	-0.0051	-0.1478	0.2892	15.77	97.48%
Merlin		0.0002	6.73	47.08%	14.29	-0.0042	-0.0027	-0.0077	0.0252	0.0010	0.0004	0.0120	0.0021	6.75	47.20%	14.29	-0.0085	-0.0052	-0.0148	0.0527	0.0021	0.0007	0.0270	0.0024	6.77	47.34%	14.29	-0.0129	-0.0078	-0.0210	0.0806	0.0053	0.0009	0.0451	0.0033	6.79	47.47%
Merlot		0.0000	9.27	88.79%	10.43	-0.0467	-0.0025	-0.0085	0.0225	0.0009	0.0000	-0.0343	0.0000	9.24	88.58%	10.43	-0.0828	-0.0046	-0.0172	0.0477	0.0023	0.0000	-0.0546	0.0000	9.22	88.38%	10.43	-0.1204	-0.0068	-0.0256	0.0738	0.0048	0.0000	-0.0742	0.0000	9.20	88.18%
Merrit		0.0002	5.76	48.15%	11.96	-0.0088	-0.0138	-0.0097	0.0020	0.0017	0.0004	-0.0282	0.0032	5.74	47.97%	11.96	-0.0175	-0.0250	-0.0192	0.0041	0.0037	0.0015	-0.0524	0.0046	5.71	47.76%	11.96	-0.0260	-0.0371	-0.0290	0.0062	0.0058	0.0025	-0.0776	0.0080	5.69	47.57%
Merryman		0.0001	5.68	54.39%	10.43	-0.0142	-0.0071	-0.0075	0.0079	0.0003	0.0001	-0.0205	0.0010	5.66	54.22%	10.43	-0.0279	-0.0129	-0.0160	0.0185	0.0009	-0.0014	-0.0388	0.0014	5.64	54.10%	10.43	-0.0414	-0.0191	-0.0239	0.0314	0.0023	-0.0015	-0.0522	0.0024	5.63	54.00%
Mervin		0.0000	2.17	73.95%	2.93	-0.0005	-0.0004	-0.0028	0.0085	0.0005	-0.0002	0.0051	0.0000	2.17	74.17%	2.93	-0.0009	-0.0007	-0.0056	0.0173	0.0013	-0.0005	0.0109	0.0000	2.18	74.37%	2.93	-0.0014	-0.0011	-0.0084	0.0256	0.0024	-0.0008	0.0163	0.0000	2.18	74.56%
Mesa Grande		0.0000	5.56	46.49%	11.96	-0.0057	-0.0002	-0.0058	0.0078	0.0011	-0.0011	-0.0039	0.0000	5.56	46.47%	11.96	-0.0101	-0.0004	-0.0113	0.0159	0.0026	-0.0021	-0.0054	0.0000	5.56	46.46%	11.96	-0.0145	-0.0006	-0.0171	0.0236	0.0048	-0.0030	-0.0068	0.0000	5.55	46.46%
Mescal		0.2304	[redacted]			-0.0011	-0.0037	-0.0139	0.0060	0.0015	0.0001	-0.0111	1.1000	[redacted]			-0.0021	-0.0068	-0.0241	0.0125	0.0029	0.0003	-0.0173	2.6289	[redacted]			-0.0031	-0.0101	-0.0340	0.0192	0.0043	0.0005	-0.0232	3.6352	[redacted]	
Mesmer		0.0001	2.31	78.76%	2.93	-0.0051	-0.0012	-0.0032	0.0378	0.0018	-0.0001	0.0300	0.0005	2.34	79.99%	2.93	-0.0089	-0.0023	-0.0066	0.0772	0.0042	-0.0002	0.0634	0.0007	2.37	81.06%	2.93	-0.0132	-0.0035	-0.0108	0.1146	0.0061	-0.0003	0.0929	0.0009	2.40	82.04%
Mesquite		0.0004	6.04	50.47%	11.96	-0.0481	-0.0061	-0.0210	0.0105	0.0014	0.0000	-0.0633	0.0070	3.30	27.64%	11.96	-0.0854	-0.0112	-0.0405	0.0240	0.0034	0.0001	-0.1096	0.0070	0.33	2.72%	11.96	-0.1284	-0.0166	-0.0591	0.0399	0.0058	0.0001	-0.1583	0.8766	1.22	10.23%
Meteor		0.0003	[redacted]			-0.0010	-0.0050	-0.0407	0.0184	0.0007	-0.0002	-0.0278	0.0035	[redacted]			-0.0019	-0.0091	-0.0683	0.0374	0.0016	-0.0006	-0.0409	0.0042	[redacted]			-0.0029	-0.0135	-0.0957	0.0552	0.0031	-0.0010	-0.0548	0.0050	[redacted]	
Metro		0.0000	10.33	86.36%	11.96	-0.0115	-0.0073	-0.0149	0.0222	0.0011	-0.0004	-0.0108	0.0000	10.32	86.33%	11.96	-0.0206	-0.0139	-0.0310	0.0490	0.0029	-0.0008	-0.0144	0.0000	10.32	86.32%	11.96	-0.0301	-0.0209	-0.0473	0.0788	0.0056	-0.0012	-0.0151	0.0000	10.32	86.34%
Mettler		0.0000	1.49	14.31%	10.43	-0.0015	-0.0003	-0.0032	0.0118	0.0009	-0.0021	0.0056	0.0008	1.50	14.41%	10.43	-0.0028	-0.0005	-0.0062	0.0243	0.0020	-0.0027	0.0141	0.0011	1.51	14.49%	10.43	-0.0042	-0.0008	-0.0090	0.0364	0.0030	-0.0034	0.0220	0.0011	1.52	14.57%
Metz		0.0001	2.47	84.31%	2.93	-0.0068	-0.0002	-0.0027	0.0237	0.0005	0.0000	0.0145	0.0017	2.49	85.07%	2.93	-0.0119	-0.0004	-0.0053	0.0485	0.0025	0.0000	0.0334	0.0025	2.51	85.71%	2.93	-0.0179	-0.0006	-0.0083	0.0720	0.0043	0.0000	0.0495	0.0043	2.53	86.28%
Mexico		0.0000	9.71	81.20%	11.96	-0.0119	-0.0047	-0.0152	0.0456	0.0009	0.0000	0.0147	0.0000	9.73	81.39%	11.96	-0.0220	-0.0087	-0.0294	0.0940	0.0026	-0.0002	0.0363	0.0000	9.75	81.58%	11.96	-0.0326	-0.0130	-0.0427	0.1410	0.0049	-0.0004	0.0572	0.0000	9.77	81.75%
Miami		0.0000	1.68	77.71%	2.17	0.0000	0.0000	-0.0021	0.0184	0.0018	-0.0001	0.0180	0.0007	1.70	78.69%	2.17	0.0000	0.0000	-0.0040	0.0374	0.0039	-0.0002	0.0371	0.0010	1.73	79.65%	2.17	0.0000	0.0000	-0.0059	0.0564	0.0060	-0.0003	0.0562	0.0000	0.00	0.00%
Mica		0.0001	4.26	30.41%	14.00	0.0000	0.0000	-0.0034	0.0701	0.0160	-0.0015	0.0812	0.0017	4.36	31.12%	14.00	0.0000	0.0000	-0.0067	0.1445	0.0356	-0.0018	0.1716	0.0025	4.46	31.82%	14.00	0.0000	0.0000	-0.0100	0.2175	0.0567	-0.0021	0.2621	0.0044	5.90	42.14%
Michael		0.0000	[redacted]			-0.0079	-0.0387	-0.0458	0.0116	0.0004	-0.0003	-0.0807	0.0005	[redacted]			-0.0155	-0.0721	-0.0815	0.0246	0.0010	-0.0006	-0.1441	0.0006	[redacted]			-0.0228	-0.1079	-0.1173	0.0381	0.0020	-0.0008	-0.2087	0.0007	[redacted]	
Michelle		0.0000	6.97	58.31%	11.96	-0.0053	-0.0035	-0.0086	0.0169	0.0006	-0.0001	0.0000	0.0003	6.98	58.34%	11.96	-0.0094	-0.0066	-0.0173	0.0349	0.0016	-0.0002	0.0030	0.0004	6.98	58.36%	11.96	-0.0138	-0.0099	-0.0260	0.0524	0.0031	-0.0003	0.0055	0.0005	6.98	58.39%
Michigan	GNA_2023_307	0.0000	2.65	110.99%	2.39	-0.0021	-0.0003	-0.0027	0.0107	0.0005	0.0000	0.0061	0.0000	2.66	111.38%	2.39	-0.0036	-0.0006	-0.0053	0.0221	0.0021	0.0000	0.0147	0.0000	2.06	86.42%	2.39	-0.0040	-0.0007	-0.0082	0.0374	0.0036	-0.0002	0.0279	0.0000	2.08	86.97%
Mid Valle		0.0001	8.63	82.67%	10.43	-0.0121	-0.0064	-0.0162	0.0158	0.0007	-0.0005	-0.0187	0.0013	8.61	82.54%	10.43	-0.0221	-0.0116	-0.0323	0.0323	0.0021	-0.0010	-0.0326	0.0017	8.60	82.38%	10.43	-0.0327	-0.0172	-0.0486	0.0480	0.0041	-0.0015	-0.0479	0.0021	8.58	82.23%
Middle Road		0.0000	[redacted]			-0.0084	-0.0050	-0.0051	0.0141	0.0007	0.0013	-0.0024	0.0000	[redacted]			-0.0162	-0.0091	-0.0104	0.0290	0.0015	0.0026	-0.0026	0.0000	[redacted]			-0.0242	-0.0136	-0.0158	0.0441	0.0025	0.0039	-0.0031	0.0000	[redacted]	
Middlecoff		0.0000	8.34	69.72%	11.96	-0.0165	-0.0185	-0.0286	0.0584	0.0010	-0.0001	-0.0043	0.0000	8.35	69.80%	11.96	-0.0321	-0.0346	-0.0524	0.1216	0.0026	-0.0001	0.0050	0.0000	8.36	69.93%	11.96	-0.0488	-0.0518	-0.0706	0.1846	0.0056	-0.0002	0.0188	0.0000	8.37	70.04%
Midge		0.0002	6.58	63.03%	10.43	-0.0006	-0.0024	-0.0051	0.0028	0.0013	0.0000	-0.0040	0.0031	6.58	63.05%	10.43	-0.0012	-0.0043	-0.0099	0.0079	0.0025	0.0000	-0.0050	0.0044	6.58	63.07%	10.43	-0.0018	-0.0064	-0.0148	0.0150	0.0038	0.0000	-0.0042	0.0075	6.59	63.13%
Midori		1.5563	[redacted]			-0.0034	-0.0237	-0.0329	0.0046	0.0001	-0.0006	-0.0559	3.4387	[redacted]			-0.0069	-0.0443	-0.0572	0.0100	0.0004	-0.0007	-0.0987	5.6105	[redacted]			-0.0101	-0.0655	-0.0840	0.0167	0.0008	-0.0010	-0.1431	7.0229	[redacted]	
Midway		0.0000	1.32	55.28%	2.39	0.0000	0.0000	-0.0006	0.0088	0.0023	0.0000	0.0105	0.0001	1.33	55.79%	2.39	0.0000	0.0000	-0.0013	0.0179	0.0049	0.0000	0.0215	0.0001	1.34	56.30%	2.39	0.0000	0.0000	-0.0020	0.0272	0.0076	0.0000	0.0328	0.0000	0.00	0.00%
Midwick		0.0000	2.39	81.62%	2.93	-0.0021	-0.0014	-0.0037	0.0130	0.0005	-0.0004	0.0059	0.0001	2.40	81.90%	2.93	-0.0039	-0.0027	-0.0074	0.0265	0.0015	-0.0008	0.0132	0.0001	2.41	82.15%	2.93	-0.0059	-0.0041	-0.0110	0.0393	0.0029	-0.0012	0.0200	0.0002	2.41	82.37%
Miguel		0.5141	[redacted]			-0.0009	-0.0025	-0.0081	0.0063	0.0005	-0.0001	-0.0048	0.5143	[redacted]			-0.0012	-0.0034	-0.0142	0.0138	0.0014	-0.0003	-0.0039	0.5144	[redacted]			-0.0015	-0.0044	-0.0202	0.0208	0.0028	-0.0005	-0.0030	0.5145	[redacted]	
Mildred		0.0000	3.86	32.26%	11.96	-0.0077	-0.0085	-0.0205	0.0194	0.0007	0.0000	-0.0166	0.0000	3.85	32.18%	11.96	-0.0143	-0.0156	-0.0369	0.0403	0.0017	0.0000	-0.0248	0.0000	3.84	32.12%	11.96	-0.0213	-0.0232	-0.0522	0.0610	0.0035	0.0000	-0.0322	0.0000	3.83	32.05%
Miler		0.0003	[redacted]			-0.0017	-0.0167	-0.0258	0.0079	0.0006	-0.0002	-0.0359	0.0030	[redacted]			-0.0034	-0.0305	-0.0492	0.0164	0.0015	-0.0004	-0.0656	0.0042	[redacted]			-0.0051	-0.0454	-0.0725	0.0248	0.0028	-0.0005	-0.0959	0.0046	[redacted]	
Miles		0.0000	2.16	79.60%	2.71	-0.0006	-0.0008	-0.0045	0.0176	0.0006	-0.0007	0.0116	0.0003	2.17	80.12%	2.71	-0.0011	-0.0016	-0.0087	0.0358	0.0015	-0.0014	0.0245	0.0004	2.18	80.62%	2.71	-0.0016	-0.0024	-0.0129	0.0530	0.0029	-0.0022	0.0368	0.0005	2.19	81.04%
Milk	GNA_2023_330	0.0005	[redacted]			-0.0202	-0.0237	-0.0369	0.0715	0.0006	-0.0006	-0.0093	0.0013	[redacted]			-0.0369	-0.0434	-0.0683	0.2092	0.0022	-0.0011	0.0617	0.0016	[redacted]			-0.0545	-0.0646	-0.0997	0.3463	0.0044	-0.0016	0.1303	0.0021	[redacted]	
Mill		0.0001	[redacted]			-0.0011	-0.0221	-0.0279	0.0027	0.0007	-0.0001	-0.0478	0.0014	[redacted]			-0.0023	-0.0406	-0.0494	0.0066	0.0016	-0.0001	-0.0842	0.0020	[redacted]			-0.0035	-0.0605	-0.0709	0.0115	0.0025	-0.0001	-0.1210	0.0034	[redacted]	
Millennium		0.0000	9.57	80.04%	11.96	-0.0239	-0.0100	-0.0171	0.0430	0.0008	-0.0010	-0.0082	0.0000	9.57	80.07%	11.96	-0.0421	-0.0189	-0.0341	0.0896	0.0020	-0.0019	-0.0054	0.0000	9.57	80.07%	11.96	-0.0626	-0.0285	-0.0511	0.1359	0.0038	-0.0028	-0.0053	0.0000	9.57	80.05%
Miller		0.0000	1.97	82.66%	2.39	-0.0005	-0.0004	-0.0034	0.0168	0.0007	-0.0006	0.0126	0.0000	1.98	82.86%	2.39	-0.0022	-0.0019	-0.0068	0.0269	0.0018	-0.0008	0.0170	0.0000	1.98	83.06%	2.39	-0.0040	-0.0035	-0.0102	0.0370	0.0029	-0.0010	0.0212	0.0000	2.00	83.59%
Millergrove	GNA_2023_235	0.0000	10.22	85.48%	11.96	-0.0159	-0.0133	-0.0235	0.0302	0.0006	-0.0003	-0.0222	0.0000	10.21	85.41%	11.96	-0.0287	-0.0246	-0.0445	0.0660	0.0018	-0.0005	-0.0305	0.0000	10.20	85.34%	11.96	-0.0433	-0.0367	-0.0661	0.1052	0.0041	-0.0007	-0.0375	0.0318	10.23	85.57%
Millpoint		0.0000	[redacted]			-0.0012	-0.0108	-0.0141	0.0200	0.0006	-0.0001	-0.0056	0.0008	[redacted]			-0.0024	-0.0202	-0.0258	0.0424	0.0019	-0.0002	-0.0043	0.0008	[redacted]			-0.0036	-0.0302	-0.0372	0.0609	0.0038	-0.0003	-0.0066	0.0008	[redacted]	
Milo		0.0000	[redacted]			-0.0075	-0.0129	-0.0290	0.0379	0.0005	-0.0006	-0.0116	0.0000	[redacted]			-0.0135	-0.0240	-0.0549	0.0784	0.0013	-0.0011	-0.0138	0.0000	[redacted]			-0.0201	-0.0359	-0.0804	0.1179	0.0025	-0.0016	-0.0176	0.0000	[redacted]	
Milpas		0.0000	12.47	77.06%	16.18	-0.0077	-0.0274	-0.0388	0.0524	0.0016	-0.0006	-0.0205	0.0000	12.45	76.99%	16.18	-0.0134	-0.0523	-0.0778	0.1085	0.0039	-0.0014	-0.0325	0.0000	12.44	76.88%	16.18	-0.0197	-0.0788	-0.1188	0.1634	0.0063	-0.0021	-0.0497	0.0000	12.42	76.77%
Mimosa		0.0001	[redacted]			-0.0214	-0.0166	-0.0295	0.0198	0.0005	-0.0005	-0.0477	0.0010	[redacted]			-0.0442	-0.0332	-0.0542	0.0383	0.0019	-0.0010	-0.0924	0.0011	[redacted]			-0.0631	-0.0485	-0.0819	0.0613	0.0048	-0.0014	-0.1288	0.0015	[redacted]	
Mineral		0.0002	[redacted]			-0.0052	-0.0100	-0.0246	0.0076	0.0008	-0.0017	-0.0331	0.0023	[redacted]			-0.0095	-0.0188	-0.0447	0.0173	0.0022	-0.0034	-0.0569	0.0032	[redacted]			-0.0140	-0.0282	-0.0645	0.0276	0.0042	-0.0051	-0.0800	0.0055	[redacted]	
Mingo		0.0001	[redacted]			-0.0118	-0.0122	-0.0154	0.0126	0.0007	-0.0001	-0.0262	0.0024	[redacted]			-0.0212	-0.0228	-0.0311	0.0263	0.0014	-0.0007	-0.0481	0.0028	[redacted]			-0.0319	-0.0341	-0.0469	0.0392	0.0026	-0.0013	-0.0724	0.0038	[redacted]	
Minnesota		0.0002	[redacted]			-0.0015	-0.0204	-0.0382	0.0055	0.0009	0.0000	-0.0537	0.0027	[redacted]			-0.0030	-0.0371	-0.0659	0.0114	0.0021	0.0000	-0.0925	0.0033	[redacted]			-0.0046	-0.0551	-0.0913	0.0171	0.0039	0.0000	-0.1300	0.1206	[redacted]	
Minnow		0.4152	10.07	70.42%	14.29	-0.0010	-0.0266	-0.0551	0.0114	0.0005	-0.0001	-0.0709	0.5183	10.16	71.07%	14.29	-0.0013	-0.0322	-0.0801	0.0222	0.0063	0.0000	-0.0851	0.5551	10.18	71.25%	14.29	-0.0016	-0.0383	-0.1037	0.0332	0.0123	0.0001	-0.0980	0.5764	10.19	71.28%
Minor		0.5351	9.28	77.59%	11.96	-0.0356	-0.0083	-0.0166	0.0114	0.0012	-0.0005	-0.0484	0.6725	9.39	78.49%	11.96	-0.0648	-0.0155	-0.0334	0.0244	0.0032	-0.0010	-0.0871	0.7240	9.40	78.61%	11.96	-0.0949	-0.0232	-0.0503	0.0381	0.0062	-0.0014	-0.1255	0.7569	9.38	78.49%
Minosa		0.0000	7.25	60.67%	11.96	-0.0087	-0.0220	-0.0317	0.0274	0.0008	0.0002	-0.0340	0.0000	7.23	60.49%	11.96	-0.0167	-0.0403	-0.0563	0.0570	0.0019	0.0007	-0.0537	0.0000	7.22	60.38%	11.96	-0.0235	-0.0557	-0.0827	0.0918	0.0032	0.0007	-0.0662	0.0000	7.20	60.23%
Minotaur		2.3799	[redacted]			-0.0058	-0.0492	-0.0451	0.0084	0.0007	0.0002	-0.0908	2.3833	[redacted]			-0.0113	-0.0920	-0.0760	0.0178	0.0016	0.0002	-0.1597	2.3848	[redacted]			-0.0166	-0.1378	-0.1067	0.0277	0.0025	0.0001	-0.2308	2.3857	[redacted]	
Mint Canyon		0.0004	[redacted]			-0.0042	-0.0219	-0.0481	0.0239	0.0003	-0.0005	-0.0505	1.0324	[redacted]			-0.0067	-0.0353	-0.0842	0.0558	0.0009	-0.0013	-0.0708	1.0330	[redacted]			-0.0093	-0.0497	-0.1195	0.0864	0.0019	-0.0021	-0.0923	1.0330	[redacted]	
Minuteman		0.0000	11.17	93.44%	11.96	-0.0047	-0.0205	-0.0509	0.0093	0.0005	-0.0009	-0.0672	0.0002	11.12	92.98%	11.96	-0.0086	-0.0382	-0.0900	0.0191	0.0015	-0.0018	-0.1180	0.0004	11.06	92.52%	11.96	-0.0128	-0.0571	-0.1280	0.0285	0.0029	-0.0027	-0.1692	0.0006	11.01	92.05%
Mira		0.0002	[redacted]			-0.0006	-0.0236	-0.0318	0.0037	0.0003	-0.0001	-0.0521	0.0035	[redacted]			-0.0013	-0.0431	-0.0576	0.0084	0.0008	-0.0002	-0.0930	0.0051	[redacted]			-0.0020	-0.0641	-0.0830	0.0138	0.0014	-0.0003	-0.1342	0.0063	[redacted]	
Miracle City		0.0000	0.68	51.06%	1.33	-0.0006	-0.0001	-0.0009	0.0017	0.0002	-0.0001	0.0002	0.0000	0.68	51.11%	1.33	-0.0010	-0.0002	-0.0019	0.0034	0.0007	-0.0002	0.0008	0.0000	0.68	51.15%	1.33	-0.0015	-0.0003	-0.0030	0.0050	0.0013	-0.0003	0.0012	0.0000	0.68	51.21%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
32.93	-0.2229	0.0000	-0.1207	0.0563	0.0139	-0.0055	-0.2789	0.0000	13.07	39.67%	32.93	-0.2862	0.0000	-0.1460	0.0696	0.0203	-0.0058	-0.3481	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0784	-0.0119	-0.0567	0.2892	0.0085	-0.0004	0.1503	0.0094	9.42	78.78%	11.96	-0.1011	-0.0152	-0.0696	0.3483	0.0129	-0.0005	0.1748	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0703	-0.0580	-0.0726	0.1782	0.0084	-0.0048	-0.0191	0.0097	9.60	80.26%	11.96	-0.0834	-0.0683	-0.0890	0.2227	0.0128	-0.0063	-0.0115	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0823	-0.0295	-0.0456	0.1500	0.0071	-0.0004	-0.0007	0.0077	9.09	75.99%	11.96	-0.1060	-0.0374	-0.0539	0.1830	0.0121	-0.0005	-0.0027	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0533	-0.0346	-0.0490	0.1727	0.0069	-0.0021	0.0406	0.0133	5.70	47.71%	11.96	-0.0660	-0.0439	-0.0600	0.2110	0.0106	-0.0033	0.0484	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0425	-0.0289	-0.0840	0.1694	0.0093	-0.0017	0.0216	0.0000	10.16	84.97%	11.96	-0.0544	-0.0367	-0.1028	0.2039	0.0140	-0.0021	0.0219	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1143	-0.0451	-0.0682	0.0456	0.0092	-0.0011	-0.1739	0.0000	9.29	77.67%	11.96	-0.1315	-0.0531	-0.0844	0.0569	0.0137	-0.0031	-0.2015	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0145	0.0524	0.0058	0.0004	0.0441	0.0059	[redacted]			0.0000	0.0000	-0.0177	0.0663	0.0058	0.0005	0.0549	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0435	-0.0458	-0.0571	0.0454	0.0054	-0.0037	-0.0993	0.4796	7.68	64.20%	11.96	-0.0526	-0.0582	-0.0696	0.0580	0.0081	-0.0046	-0.1189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0814	-0.1084	-0.1358	0.0600	0.0041	-0.0016	-0.2631	0.0166	[redacted]			-0.1008	-0.1378	-0.1661	0.0747	0.0062	-0.0021	-0.3259	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0788	-0.0552	-0.0833	0.0750	0.0071	-0.0004	-0.1356	0.7537	10.22	85.48%	11.96	-0.1018	-0.0701	-0.0992	0.0915	0.0117	-0.0005	-0.1684	0.00	0.57	0.52	0.50	0.48	0.00%	5.85%	5.34%	5.13%	4.93%
11.96	-0.0155	-0.0352	-0.0735	0.0309	0.0071	-0.0087	-0.0949	0.0190	8.41	70.35%	11.96	-0.0196	-0.0447	-0.0905	0.0372	0.0109	-0.0102	-0.1169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0286	-0.0604	-0.1153	0.0855	0.0081	-0.0009	-0.1116	0.0215	[redacted]			-0.0351	-0.0768	-0.1417	0.1050	0.0117	-0.0011	-0.1380	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0183	-0.0033	-0.0289	0.1428	0.0069	-0.0029	0.0963	0.0120	6.17	51.64%	11.96	-0.0218	-0.0039	-0.0355	0.1718	0.0107	-0.0040	0.1173	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0060	-0.0085	-0.0170	0.0833	0.0050	-0.0019	0.0549	0.0015	2.46	84.07%	2.93	-0.0080	-0.0118	-0.0208	0.0977	0.0069	-0.0022	0.0618	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0246	-0.0118	-0.0596	0.0490	0.0044	-0.0026	-0.0452	4.1468	[redacted]			-0.0286	-0.0140	-0.0728	0.0589	0.0065	-0.0036	-0.0536	0.42	0.42	0.76	0.76	0.00	[redacted]				
8.35	-0.0652	-0.0150	-0.0341	0.0396	0.0051	-0.0027	-0.0723	0.0000	4.50	53.96%	8.35	-0.0814	-0.0190	-0.0418	0.0489	0.0079	-0.0033	-0.0887	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0363	-0.0746	-0.1720	0.1348	0.0144	-0.0016	-0.1353	0.0000	12.76	78.85%	16.18	-0.0464	-0.0948	-0.2085	0.1624	0.0214	-0.0021	-0.1680	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0307	-0.0550	-0.0771	0.0166	0.0036	-0.0020	-0.1446	0.2486	5.51	46.06%	11.96	-0.0394	-0.0699	-0.0945	0.0202	0.0056	-0.0025	-0.1805	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0391	-0.0019	-0.0136	0.0131	0.0025	0.0001	-0.0389	0.0163	6.07	58.18%	10.43	-0.0486	-0.0024	-0.0171	0.0163	0.0041	0.0001	-0.0476	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1384	-0.0115	-0.0489	0.0204	0.0100	-0.0004	-0.1688	0.5169	10.11	84.52%	11.96	-0.1740	-0.0146	-0.0579	0.0246	0.0161	-0.0005	-0.2063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.1045	-0.0177	-0.0682	0.1991	0.0068	-0.0008	0.0147	0.0131	13.98	86.43%	16.18	-0.1318	-0.0225	-0.0834	0.2456	0.0102	-0.0010	0.0171	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0111	-0.0004	-0.0095	0.0682	0.0058	0.0000	0.0530	0.0002	2.67	91.29%	2.93	-0.0143	-0.0005	-0.0117	0.0822	0.0082	0.0000	0.0639	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.1091	-0.0903	-0.1352	0.3596	0.0087	-0.0060	0.0277	0.2220	11.53	71.31%	16.18	-0.1380	-0.1156	-0.1647	0.4533	0.0133	-0.0078	0.0405	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0438	-0.0167	-0.0473	0.0606	0.0074	-0.0004	-0.0402	0.0000	8.83	73.87%	11.96	-0.0548	-0.0223	-0.0576	0.0775	0.0115	-0.0005	-0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0305	-0.0167	-0.0683	0.2787	0.0090	-0.0008	0.1714	0.0000	11.61	97.12%	11.96	-0.0380	-0.0213	-0.0839	0.3359	0.0130	-0.0010	0.2047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1251	0.0000	-0.0317	0.1272	0.0106	-0.0024	-0.0214	0.6693	[redacted]			-0.1407	0.0000	-0.0387	0.1547	0.0157	-0.0047	-0.0137	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0012	0.0000	-0.0106	0.0585	0.0056	-0.0007	0.0516	0.0000	2.67	91.26%	2.93	-0.0014	0.0000	-0.0130	0.0700	0.0079	-0.0009	0.0626	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0096	-0.0571	-0.1116	0.0513	0.0082	-0.0019	-0.1207	0.0000	9.61	73.41%	13.09	-0.0118	-0.0694	-0.1367	0.0634	0.0118	-0.0024	-0.1451	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0110	-0.0473	-0.0575	0.0100	0.0024	-0.0049	-0.1083	0.0000	5.82	48.71%	11.96	-0.0138	-0.0600	-0.0713	0.0124	0.0037	-0.0061	-0.1351	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0596	-0.0115	-0.0398	0.0954	0.0070	0.0000	-0.0085	0.0000	[redacted]			-0.0725	-0.0138	-0.0487	0.1183	0.0108	0.0000	-0.0059	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0813	-0.0026	-0.0324	0.1965	0.0094	-0.0009	0.0887	0.0002	10.64	89.00%	11.96	-0.0995	-0.0033	-0.0403	0.2363	0.0151	-0.0011	0.1072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0021	0.0027	0.0042	-0.0003	0.0045	0.0001	[redacted]			0.0000	0.0000	-0.0025	0.0033	0.0055	-0.0004	0.0059	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.85	-0.0066	-0.0010	-0.0023	0.0042	0.0074	0.0011	0.0028	0.0071	0.76	89.00%	0.85	-0.0066	-0.0010	-0.0026	0.0059	0.0084	0.0013	0.0054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0048	-0.0461	-0.1087	0.0190	0.0047	-0.0004	-0.1363	0.0116	[redacted]			-0.0057	-0.0562	-0.1329	0.0233	0.0069	-0.0005	-0.1651	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.59	-0.0373	-0.0614	-0.1281	0.9379	0.0056	-0.0043	0.7124	0.0040	13.06	83.79%	15.59	-0.0471	-0.0781	-0.1556	1.3179	0.0083	-0.0058	1.0396	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.62	-0.0208	-0.0025	-0.0086	0.0087	0.0024	0.0001	-0.0207	0.0000	2.57	98.01%	2.62	-0.0252	-0.0031	-0.0107	0.0108	0.0041	0.0001	-0.0240	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0036	-0.0498	-0.0731	0.0808	0.0042	-0.0014	-0.0429	0.0000	9.85	63.22%	15.59	-0.0045	-0.0637	-0.0890	0.0982	0.0057	-0.0015	-0.0548	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0086	-0.0792	-0.1196	0.3379	0.0045	-0.0008	0.1342	0.4045	7.15	50.61%	14.12	-0.0106	-0.1009	-0.1461	0.4445	0.0066	-0.0011	0.1924	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0136	-0.0161	-0.0331	0.0269	0.0095	-0.0017	-0.0281	0.0054	4.06	33.99%	11.96	-0.0151	-0.0183	-0.0389	0.0334	0.0138	-0.0022	-0.0273	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0086	-0.0543	-0.0935	0.0497	0.0059	-0.0036	-0.1044	0.0030	7.07	43.70%	16.18	-0.0108	-0.0725	-0.1139	0.0614	0.0081	-0.0045	-0.1322	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0213	-0.1365	-0.1197	0.0402	0.0031	0.0021	-0.2321	0.0033	9.65	80.75%	11.96	-0.0239	-0.1585	-0.1410	0.0509	0.0033	0.0029	-0.2663	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.50	-0.0136	-0.0213	-0.0618	0.4641	0.0258	-0.0059	0.3873	0.0000	8.64	55.77%	15.50	-0.0136	-0.0213	-0.0699	0.5576	0.0443	-0.0093	0.4878	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0233	-0.0965	-0.0800	0.0616	0.0009	-0.0040	-0.1413	0.0206	5.92	49.51%	11.96	-0.0285	-0.1214	-0.0964	0.0773	0.0012	-0.0041	-0.1719	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0010	-0.0367	0.0114	0.0042	-0.0003	-0.0224	0.0063	[redacted]			0.0000	-0.0013	-0.0436	0.0137	0.0055	-0.0004	-0.0261	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.43	-0.0106	-0.0027	-0.0066	0.0253	0.0151	0.0043	0.0248	0.0002	1.57	64.28%	2.43	-0.0137	-0.0034	-0.0079	0.0319	0.0192	0.0049	0.0310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0472	0.3015	0.0453	-0.0015	0.2981	0.3276	10.58	88.45%	11.96	0.0000	0.0000	-0.0573	0.3752	0.0586	-0.0016	0.3749	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.83	0.0000	0.0000	-0.0023	0.0089	0.0080	-0.0004	0.0142	0.0000	0.69	82.56%	0.83	0.0000	0.0000	-0.0028	0.0108	0.0113	-0.0005	0.0188	0.10	0.10	0.10	0.10	0.10	12.50%	12.50%	12.50%	12.50%	12.50%
2.39	0.0000	0.0000	-0.0104	0.0386	0.0077	-0.0033	0.0326	0.0008	2.01	84.28%	2.39	-0.0001	0.0000	-0.0131	0.0463	0.0102	-0.0050	0.0383	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1413	-0.0016	-0.0306	0.0915	0.0108	-0.0004	-0.0716	0.5445	9.52	79.65%	11.96	-0.1733	-0.0020	-0.0377	0.1100	0.0165	-0.0005	-0.0870	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0646	-0.0414	-0.0637	0.0978	0.0060	-0.0007	-0.0666	0.0303	10.90	91.14%	11.96	-0.0731	-0.0485	-0.0773	0.1212	0.0092	-0.0010	-0.0695	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0186	-0.0019	-0.0106	0.0451	0.0061	-0.0004	0.0197	0.0000	2.39	81.71%	2.93	-0.0236	-0.0023	-0.0127	0.0554	0.0096	-0.0005	0.0259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0253	-0.1108	-0.1391	0.1045	0.0074	-0.0044	-0.1677	0.0244	7.01	58.66%	11.96	-0.0321	-0.1443	-0.1688	0.1321	0.0113	-0.0052	-0.2070	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0097	0.0133	0.0196	-0.0018	0.0214	0.0013	[redacted]			0.0000	0.0000	-0.0118	0.0161	0.0250	-0.0023	0.0270	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0276	-0.1236	-0.1595	0.0660	0.0065	-0.0057	-0.2439	1.2681	[redacted]			-0.0343	-0.1557	-0.1941	0.0828	0.0097	-0.0079	-0.2995	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0158	-0.0121	-0.0399	0.0519	0.0055	-0.0007	-0.0111	0.0000	12.95	80.07%	16.18	-0.0211	-0.0154	-0.0500	0.0637	0.0091	-0.0009	-0.0146	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0063	-0.0510	-0.1297	0.0959	0.0044	-0.0012	-0.0879	5.9452	6.87	57.45%	11.96	-0.0076	-0.0649	-0.1538	0.1153	0.0075	-0.0015	-0.1050	4.30	5.30	5.30	5.30	5.30	39.81%	49.07%	49.07%	49.07%	49.07%
11.96	-0.0536	-0.0422	-0.0796	0.2086	0.0082	-0.0021	0.0393	0.0058	10.35	86.55%	11.96	-0.0665	-0.0536	-0.0974	0.2571	0.0121	-0.0026	0.0491	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	0.0000	-0.0004	0.0426	0.0007	0.0001	0.0402	0.0000	[redacted]			-0.0034	0.0000	-0.0005	0.0527	0.0010	0.0001	0.0499	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0735	-0.0227	-0.0644	0.2434	0.0067	-0.0017	0.0878	0.0092	10.09	84.38%	11.96	-0.0941	-0.0289	-0.0789	0.2998	0.0099	-0.0021	0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0561	-0.0337	-0.0702	0.0282	0.0048	-0.0032	-0.1302	0.0056	10.11	84.53%	11.96	-0.0716	-0.0430	-0.0869	0.0346	0.0076	-0.0039	-0.1632	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0082	-0.0016	-0.0117	0.0313	0.0050	-0.0004	0.0144	0.0000	2.44	85.87%	2.84	-0.0107	-0.0020	-0.0144	0.0377	0.0071	-0.0005	0.0172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0111	0.1546	0.0149	-0.0030	0.1554	0.0000	2.33	97.72%	2.39	0.0000	0.0000	-0.0135	0.1872	0.0196	-0.0039	0.1894	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.65	0.0000	0.0000	-0.0077	0.1038	0.0094	-0.0011	0.1044	0.0052	1.60	96.90%	1.65	0.0000	0.0000	-0.0088	0.1288	0.0112	0.0002	0.1314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0008	-0.0019	-0.0045	0.0035	0.0013	-0.0002	-0.0026	0.0000	0.83	34.68%	2.39	-0.0008	-0.0019	-0.0045	0.0035	0.0013	-0.0002	-0.0026	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0218	-0.1519	-0.2136	0.0480	0.0036	-0.0010	-0.3367	0.0028	[redacted]			-0.0272	-0.1982	-0.2589	0.0643	0.0050	-0.0012	-0.4162	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0761	-0.0205	-0.0506	0.2653	0.0065	-0.0009	0.1237	0.0000	8.48	70.92%	11.96	-0.0986	-0.0265	-0.0618	0.3214	0.0097	-0.0012	0.1430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0342	-0.0395	-0.0623	0.0865	0.0066	-0.0025	-0.0454	0.0000	7.66	64.08%	11.96	-0.0397	-0.0466	-0.0763	0.1082	0.0101	-0.0032	-0.0475	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.90	-0.3764	-0.0049	-0.0302	0.0951	0.0053	-0.0005	-0.3116	0.0899	3.84	55.66%	6.90	-0.4679	-0.0064	-0.0370	0.1144	0.0081	-0.0002	-0.3890	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0879	-0.0405	-0.0661	0.0354	0.0073	-0.0019	-0.1537	0.7259	8.50	76.36%	11.13	-0.1061	-0.0503	-0.0797	0.0451	0.0108	-0.0025	-0.1827	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.9037	10.08	62.32%	16.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0516	-0.1218	-0.1184	0.0276	0.0102	-0.0040	-0.2580	0.0000	10.85	90.74%	11.96	-0.0615	-0.1511	-0.1450	0.0352	0.0143	-0.0044	-0.3125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0751	-0.0344	-0.0607	0.1529	0.0061	-0.0004	-0.0116	0.0107	[redacted]			-0.0891	-0.0406	-0.0718	0.1912	0.0113	-0.0007	0.0003	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0774	-0.0266	-0.0713	0.1672	0.0081	-0.0024	-0.0024	0.0241	9.11	76.21%	11.96	-0.1012	-0.0338	-0.0864	0.2030	0.0124	-0.0029	-0.0089	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0012	-0.0114	-0.0447	0.0132	0.0030	-0.0002	-0.0413	0.5468	7.24	60.56%	11.96	-0.0014	-0.0136	-0.0542	0.0163	0.0043	-0.0003	-0.0489	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0074	-0.0312	0.0174	0.0038	0.0000	-0.0178	5.2568	[redacted]			-0.0005	-0.0094	-0.0389	0.0217	0.0038	0.0000	-0.0233	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1508	-0.0101	-0.0494	0.1783	0.0109	-0.0008	-0.0219	0.0380	11.03	92.28%	11.96	-0.1844	-0.0128	-0.0607	0.2148	0.0166	-0.0010	-0.0275	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0026	0.0614	0.0079	0.0004	0.0671	0.0000	0.97	43.00%	2.26	0.0000	0.0000	-0.0032	0.0769	0.0105	0.0004	0.0846	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0458	-0.0116	-0.0597	0.4160	0.0063	-0.0011	0.3041	0.0603	12.36	76.41%	16.18	-0.0578	-0.0148	-0.0732	0.5009	0.0094	-0.0014	0.3631	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0189	-0.0713	-0.1171	0.1857	0.0061	-0.0004	-0.0159	0.0000	[redacted]			-0.0234	-0.0908	-0.1423	0.2407	0.0089	-0.0005	-0.0074	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.98	-0.0006	-0.0079	-0.0053	0.0057	0.0019	-0.0016	-0.0078	0.0009	0.70	35.14%	1.98	-0.0007	-0.0094	-0.0065	0.0071	0.0028	-0.0021	-0.0088	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0515	-0.0623	-0.1279	0.1648	0.0108	-0.0019	-0.0680	0.1654	10.63	88.87%	11.96	-0.0637	-0.0792	-0.1569	0.2056	0.0160	-0.0024	-0.0806	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0330	-0.0645	-0.1464	0.1247	0.0087	-0.0104	-0.1209	0.0000	[redacted]			-0.0441	-0.0819	-0.1796	0.1503	0.0124	-0.0130	-0.1559	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0151	-0.1074	-0.1683	0.0097	0.0126	0.0000	-0.2685	2.8111	[redacted]			-0.0186	-0.1402	-0.2047	0.0117	0.0124	0.0000	-0.3394	3.82	3.76	3.76	3.92	4.70	[redacted]				
16.18	-0.0390	-0.1334	-0.1765	0.1476	0.0074	-0.0064	-0.2003	0.2892	15.71	97.12%	16.18	-0.0516	-0.1723	-0.2139	0.1823	0.0103	-0.0077	-0.2529	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0171	-0.0105	-0.0263	0.1074	0.0083	0.0011	0.0629	0.0061	6.80	47.60%	14.29	-0.0210	-0.0133	-0.0334	0.1342	0.0108	0.0014	0.0787	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1588	-0.0092	-0.0334	0.0991	0.0083	0.0000	-0.0940	0.0000	9.18	87.98%	10.43	-0.1967	-0.0117	-0.0407	0.1233	0.0128	0.0000	-0.1130	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0342	-0.0500	-0.0376	0.0082	0.0075	0.0035	-0.1026	0.0167	5.67	47.43%	11.96	-0.0418	-0.0637	-0.0456	0.0102	0.0096	0.0045	-0.1268	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0546	-0.0257	-0.0306	0.0453	0.0037	-0.0015	-0.0634	0.0047	5.63	53.92%	10.43	-0.0672	-0.0327	-0.0366	0.0594	0.0050	-0.0015	-0.0736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0019	-0.0015	-0.0112	0.0329	0.0040	-0.0011	0.0212	0.0000	2.19	74.71%	2.93	-0.0025	-0.0019	-0.0138	0.0394	0.0056	-0.0015	0.0253	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0188	-0.0008	-0.0223	0.0305	0.0082	-0.0039	-0.0071	0.0000	5.55	46.38%	11.96	-0.0309	-0.0014	-0.0276	0.0362	0.0117	-0.0040	-0.0160	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0040	-0.0136	-0.0437	0.0258	0.0053	0.0007	-0.0295	3.6400	[redacted]			-0.0048	-0.0173	-0.0532	0.0323	0.0063	0.0010	-0.0357	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0179	-0.0047	-0.0146	0.1481	0.0090	-0.0004	0.1195	0.0013	2.43	82.87%	2.93	-0.0231	-0.0060	-0.0182	0.1783	0.0117	-0.0005	0.1422	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1772	-0.0224	-0.0758	0.0569	0.0094	0.0002	-0.2089	7.7625	8.73	72.99%	11.96	-0.2142	-0.0264	-0.0923	0.0705	0.0145	0.0001	-0.2478	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0038	-0.0182	-0.1229	0.0709	0.0053	-0.0014	-0.0701	0.0068	[redacted]			-0.0060	-0.0304	-0.1516	0.0837	0.0076	-0.0015	-0.0982	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0398	-0.0282	-0.0614	0.1094	0.0092	-0.0016	-0.0124	0.0000	10.33	86.40%	11.96	-0.0499	-0.0358	-0.0726	0.1391	0.0151	-0.0017	-0.0058	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0056	-0.0011	-0.0118	0.0474	0.0048	-0.0040	0.0297	0.0011	1.53	14.64%	10.43	-0.0070	-0.0014	-0.0146	0.0573	0.0069	-0.0047	0.0365	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0247	-0.0008	-0.0110	0.0930	0.0066	0.0000	0.0631	0.0089	2.54	86.87%	2.93	-0.0326	-0.0011	-0.0135	0.1120	0.0096	0.0000	0.0744	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0431	-0.0176	-0.0556	0.1841	0.0088	-0.0006	0.0760	0.0000	9.79	81.91%	11.96	-0.0534	-0.0224	-0.0682	0.2246	0.0136	-0.0008	0.0934	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.00	0.0000	0.0000	-0.0133	0.2822	0.0800	-0.0034	0.3455	0.0090	6.01	42.95%	14.00	0.0000	0.0000	-0.0161	0.3665	0.0988	-0.0036	0.4456	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0296	-0.1455	-0.1521	0.0513	0.0031	-0.0011	-0.2739	0.0010	[redacted]			-0.0358	-0.1850	-0.1864	0.0644	0.0046	-0.0014	-0.3396	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0182	-0.0134	-0.0336	0.0685	0.0050	-0.0003	0.0080	0.0008	6.98	58.41%	11.96	-0.0228	-0.0171	-0.0408	0.0836	0.0075	-0.0003	0.0101	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0045	-0.0008	-0.0110	0.0509	0.0057	-0.0004	0.0399	0.0000	2.09	87.48%	2.39	-0.0049	-0.0009	-0.0137	0.0629	0.0085	-0.0006	0.0513	0.30	0.30	0.30	0.30	0.30	12.50%	12.50%	12.50%	12.50%	12.50%
10.43	-0.0439	-0.0232	-0.0629	0.0621	0.0071	-0.0020	-0.0628	0.0029	8.55	81.98%	10.43	-0.0604	-0.0320	-0.0769	0.0734	0.0106	-0.0022	-0.0875	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0322	-0.0183	-0.0205	0.0586	0.0037	0.0052	-0.0035	0.0000	[redacted]			-0.0398	-0.0233	-0.0248	0.0729	0.0050	0.0066	-0.0034	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0655	-0.0699	-0.0878	0.2441	0.0106	-0.0003	0.0312	0.0000	8.38	70.13%	11.96	-0.0820	-0.0889	-0.1065	0.3022	0.0169	-0.0004	0.0413	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0024	-0.0086	-0.0191	0.0233	0.0045	0.0000	-0.0023	0.0153	6.60	63.23%	10.43	-0.0029	-0.0109	-0.0231	0.0316	0.0053	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0131	-0.0891	-0.1068	0.0233	0.0009	-0.0011	-0.1859	7.0229	[redacted]			-0.0159	-0.1141	-0.1287	0.0300	0.0010	-0.0012	-0.2289	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0081	-0.0055	-0.0146	0.0508	0.0050	-0.0016	0.0260	0.0003	2.42	82.56%	2.93	-0.0107	-0.0070	-0.0181	0.0612	0.0075	-0.0020	0.0309	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0019	-0.0055	-0.0261	0.0270	0.0045	-0.0007	-0.0027	0.5147	[redacted]			-0.0023	-0.0066	-0.0320	0.0325	0.0065	-0.0009	-0.0028	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0282	-0.0313	-0.0668	0.0804	0.0062	0.0000	-0.0397	0.0000	3.83	32.07%	11.96	-0.0328	-0.0370	-0.0793	0.1004	0.0114	-0.0001	-0.0374	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0067	-0.0612	-0.0923	0.0326	0.0044	-0.0005	-0.1237	0.0046	[redacted]			-0.0082	-0.0780	-0.1109	0.0400	0.0065	-0.0005	-0.1511	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0022	-0.0032	-0.0171	0.0683	0.0048	-0.0030	0.0476	0.0006	2.20	81.41%	2.71	-0.0029	-0.0041	-0.0210	0.0819	0.0068	-0.0038	0.0569	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0697	-0.0833	-0.1297	0.5477	0.0082	-0.0022	0.2710	0.0031	[redacted]			-0.0857	-0.1031	-0.1596	0.8149	0.0128	-0.0026	0.4767	0.20	0.20	0.30	0.30	0.30	[redacted]				
[redacted]	-0.0041	-0.0722	-0.0918	0.0174	0.0032	-0.0002	-0.1477	0.0066	[redacted]			-0.0047	-0.0846	-0.1111	0.0235	0.0043	-0.0003	-0.1729	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0848	-0.0385	-0.0660	0.1793	0.0062	-0.0037	-0.0075	0.0000	9.56	79.99%	11.96	-0.1094	-0.0489	-0.0804	0.2203	0.0091	-0.0046	-0.0139	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0045	-0.0039	-0.0135	0.0515	0.0051	-0.0016	0.0331	0.0000	2.01	84.06%	2.39	-0.0050	-0.0043	-0.0166	0.0643	0.0073	-0.0023	0.0434	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0594	-0.0495	-0.0862	0.1448	0.0068	-0.0009	-0.0444	0.1668	10.37	86.69%	11.96	-0.0776	-0.0630	-0.1073	0.1842	0.0110	-0.0011	-0.0538	0.13	0.46	0.44	0.44	0.64	1.29%	4.72%	4.51%	4.51%	6.56%
[redacted]	-0.0048	-0.0411	-0.0481	0.0773	0.0053	-0.0005	-0.0119	0.0008	[redacted]			-0.0059	-0.0526	-0.0600	0.1005	0.0077	-0.0010	-0.0113	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0271	-0.0484	-0.1038	0.1543	0.0041	-0.0021	-0.0230	0.0000	[redacted]			-0.0346	-0.0615	-0.1267	0.1885	0.0063	-0.0026	-0.0306	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0264	-0.1063	-0.1547	0.2142	0.0093	-0.0026	-0.0665	0.0000	12.25	75.72%	16.18	-0.0332	-0.1349	-0.1866	0.2620	0.0120	-0.0032	-0.0839	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0807	-0.0646	-0.1078	0.0837	0.0083	-0.0018	-0.1629	0.0029	[redacted]			-0.0968	-0.0815	-0.1319	0.1051	0.0122	-0.0022	-0.1951	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0188	-0.0380	-0.0834	0.0384	0.0072	-0.0067	-0.1013	0.0111	[redacted]			-0.0259	-0.0523	-0.1026	0.0547	0.0108	-0.0076	-0.1229	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0437	-0.0460	-0.0610	0.0509	0.0042	-0.0019	-0.0975	0.0072	[redacted]			-0.0572	-0.0584	-0.0748	0.0629	0.0062	-0.0025	-0.1238	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0066	-0.0804	-0.1100	0.0215	0.0040	0.0000	-0.1715	0.6655	[redacted]			-0.0085	-0.1072	-0.1279	0.0258	0.0039	0.0000	-0.2139	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0019	-0.0448	-0.1275	0.0438	0.0161	0.0002	-0.1141	0.5791	10.18	71.19%	14.29	-0.0022	-0.0517	-0.1506	0.0543	0.0198	0.0003	-0.1301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1326	-0.0333	-0.0642	0.0498	0.0100	-0.0014	-0.1717	0.7609	9.35	78.21%	11.96	-0.1625	-0.0418	-0.0780	0.0627	0.0149	-0.0015	-0.2062	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0304	-0.0721	-0.1100	0.1238	0.0052	0.0007	-0.0828	0.0000	7.18	60.08%	11.96	-0.0393	-0.0941	-0.1290	0.1520	0.0101	0.0012	-0.0991	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0215	-0.1859	-0.1368	0.0375	0.0036	0.0001	-0.3030	2.3888	[redacted]			-0.0257	-0.2320	-0.1683	0.0470	0.0050	-0.0001	-0.3741	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0119	-0.0648	-0.1545	0.1141	0.0032	-0.0029	-0.1168	1.0330	[redacted]			-0.0145	-0.0807	-0.1892	0.1393	0.0047	-0.0037	-0.1441	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0172	-0.0770	-0.1654	0.0371	0.0049	-0.0036	-0.2212	0.0010	10.95	91.57%	11.96	-0.0219	-0.0979	-0.2035	0.0449	0.0074	-0.0042	-0.2752	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0026	-0.0865	-0.1012	0.0195	0.0016	-0.0003	-0.1695	0.0063	[redacted]			-0.0032	-0.1102	-0.1186	0.0252	0.0017	-0.0003	-0.2054	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.33	-0.0020	-0.0004	-0.0039	0.0065	0.0022	-0.0004	0.0020	0.0000	0.68	51.25%	1.33	-0.0026	-0.0005	-0.0047	0.0078	0.0030	-0.0005	0.0025	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0016	-0.0503	-0.0952	0.0290	0.0022	-0.0004	-0.1163	0.0067	[redacted]			-0.0020	-0.0641	-0.1131	0.0361	0.0023	-0.0005	-0.1413	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.17	0.0000	0.0000	-0.0027	0.0311	0.0093	-0.0012	0.0365	0.0000	0.80	68.78%	1.17	0.0000	0.0000	-0.0033	0.0382	0.0119	-0.0013	0.0455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	0.0000	0.0000	-0.0082	0.0240	0.0049	-0.0008	0.0199	0.0008	1.97	72.83%	2.71	0.0000	0.0000	-0.0100	0.0293	0.0072	-0.0010	0.0255	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0451	-0.0185	-0.0526	0.0393	0.0048	-0.0033	-0.0754	0.0036	9.23	77.23%	11.96	-0.0573	-0.0229	-0.0646	0.0478	0.0073	-0.0041	-0.0938	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0305	-0.1377	-0.1524	0.0821	0.0061	0.0000	-0.2324	0.0180	[redacted]			-0.0391	-0.1730	-0.1879	0.1031	0.0091	-0.0003	-0.2881	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0588	-0.0419	-0.0835	0.0697	0.0095	-0.0050	-0.1100	0.2164	9.09	76.00%	11.96	-0.0737	-0.0533	-0.1007	0.0857	0.0134	-0.0062	-0.1348	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0078	-0.0039	-0.0122	0.0226	0.0050	-0.0013	0.0024	0.0000	2.31	96.66%	2.39	-0.0105	-0.0049	-0.0150	0.0272	0.0071	-0.0016	0.0023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.18	-0.0184	-0.0121	-0.0127	0.2305	0.0014	-0.0002	0.1885	0.0022	3.13	20.60%	15.18	-0.0210	-0.0140	-0.0148	0.2834	0.0022	-0.0005	0.2353	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0722	-0.0345	-0.0817	0.0716	0.0079	-0.0005	-0.1094	0.0243	8.61	71.98%	11.96	-0.0872	-0.0438	-0.0999	0.0873	0.0116	-0.0006	-0.1326	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0015	-0.0180	-0.0366	0.0509	0.0055	0.0008	0.0011	0.0000	[redacted]			-0.0018	-0.0224	-0.0446	0.0646	0.0076	0.0011	0.0045	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.35	-0.0009	0.0000	-0.0010	0.0291	0.0046	-0.0004	0.0314	0.0010	0.41	30.58%	1.35	-0.0011	0.0000	-0.0012	0.0348	0.0065	-0.0005	0.0385	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0024	-0.0082	-0.1536	0.3210	0.0058	-0.0085	0.1541	0.0098	13.10	80.99%	16.18	-0.0030	-0.0104	-0.1882	0.3968	0.0081	-0.0108	0.1925	1.00	0.60	0.60	0.70	0.70	8.40%	4.84%	4.84%	5.65%	5.65%
1.96	-0.0054	-0.0032	-0.0089	0.0051	0.0036	-0.0021	-0.0109	0.0040	0.83	42.42%	1.96	-0.0061	-0.0037	-0.0108	0.0062	0.0052	-0.0027	-0.0119	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0845	-0.0122	-0.0477	0.0972	0.0111	-0.0013	-0.0374	0.0001	10.73	89.72%	11.96	-0.1059	-0.0159	-0.0582	0.1171	0.0170	-0.0015	-0.0474	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0804	-0.0103	-0.0478	0.4014	0.0076	-0.0006	0.2699	0.0024	8.85	74.02%	11.96	-0.1097	-0.0140	-0.0581	0.4821	0.0112	-0.0006	0.3109	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0090	-0.0065	-0.0203	0.0181	0.0033	-0.0069	-0.0213	0.0102	[redacted]			-0.0105	-0.0078	-0.0242	0.0219	0.0046	-0.0087	-0.0247	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.02	-0.0076	-0.0033	-0.0066	0.0690	0.0039	-0.0004	0.0550	0.0000	1.95	96.26%	2.02	-0.0089	-0.0039	-0.0080	0.0856	0.0060	-0.0005	0.0703	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1229	-0.0232	-0.0695	0.0647	0.0076	-0.0006	-0.1439	0.0190	10.68	89.32%	11.96	-0.1499	-0.0295	-0.0855	0.0788	0.0118	-0.0008	-0.1751	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0011	0.0040	0.0015	0.0000	0.0044	0.0255	[redacted]			0.0000	0.0000	-0.0014	0.0050	0.0015	0.0000	0.0051	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0379	-0.0989	-0.1069	0.2349	0.0137	-0.0017	0.0032	0.0252	8.18	68.43%	11.96	-0.0480	-0.1239	-0.1275	0.2969	0.0239	-0.0023	0.0191	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0052	0.0510	0.0103	0.0013	0.0574	0.0005	1.95	81.48%	2.39	0.0000	0.0000	-0.0063	0.0642	0.0131	0.0018	0.0728	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0198	-0.0457	-0.1000	0.0352	0.0096	-0.0027	-0.1234	0.0268	6.79	56.80%	11.96	-0.0252	-0.0582	-0.1176	0.0429	0.0134	-0.0034	-0.1481	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0284	-0.0681	-0.1096	0.1169	0.0056	-0.0055	-0.0891	0.0270	8.96	55.41%	16.18	-0.0352	-0.0866	-0.1321	0.1426	0.0086	-0.0068	-0.1095	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0148	-0.0651	-0.0675	0.0318	0.0043	0.0004	-0.1109	0.6914	[redacted]			-0.0183	-0.0829	-0.0825	0.0396	0.0043	0.0005	-0.1393	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0095	-0.0562	-0.0755	0.0505	0.0012	-0.0005	-0.0900	0.8870	[redacted]			-0.0095	-0.0562	-0.0843	0.0710	0.0013	-0.0005	-0.0782	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0235	-0.0445	-0.0455	0.0231	0.0030	-0.0015	-0.0889	0.0072	[redacted]			-0.0289	-0.0567	-0.0551	0.0294	0.0046	-0.0019	-0.1086	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0162	-0.2557	-0.2584	0.0247	0.0024	-0.0006	-0.5038	2.7929	[redacted]			-0.0199	-0.3263	-0.3134	0.0317	0.0030	-0.0007	-0.6256	0.00	0.11	0.33	0.33	0.54	[redacted]				
11.96	-0.0573	-0.0856	-0.1264	0.1774	0.0059	-0.0039	-0.0899	1.1940	10.28	86.02%	11.96	-0.0728	-0.1087	-0.1475	0.2175	0.0099	-0.0041	-0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0047	-0.0664	-0.0681	0.0444	0.0021	-0.0004	-0.0931	1.4343	[redacted]			-0.0057	-0.0835	-0.0828	0.0572	0.0032	-0.0007	-0.1123	0.00	0.00	0.00	0.00	0.00	[redacted]				
17.25	-0.0021	-0.0071	-0.0448	0.0067	0.0411	-0.0003	-0.0065	8.1266	10.80	62.64%	17.25	-0.0025	-0.0090	-0.0548	0.0080	0.0406	-0.0004	-0.0181	3.52	3.52	3.52	3.52	3.52	195.56%	195.56%	195.56%	195.56%	195.56%
10.35	-0.0026	-0.0638	-0.0648	0.0054	0.0006	-0.0006	-0.1258	0.0000	5.96	57.56%	10.35	-0.0031	-0.0810	-0.0778	0.0067	0.0007	-0.0007	-0.1552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0594	-0.0115	-0.0439	0.1452	0.0133	-0.0002	0.0435	0.0034	12.14	75.05%	16.18	-0.0734	-0.0145	-0.0539	0.1787	0.0195	-0.0003	0.0561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0192	-0.0095	-0.0274	0.0688	0.0073	-0.0015	0.0185	0.0248	3.62	52.00%	6.96	-0.0228	-0.0117	-0.0338	0.0837	0.0109	-0.0019	0.0244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0050	-0.0412	-0.0660	0.0074	0.0029	-0.0004	-0.1023	0.0014	[redacted]			-0.0062	-0.0525	-0.0811	0.0098	0.0043	-0.0005	-0.1262	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0218	-0.0249	-0.0560	0.0127	0.0042	-0.0012	-0.0870	0.0000	[redacted]			-0.0253	-0.0302	-0.0686	0.0157	0.0062	-0.0015	-0.1037	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0121	-0.0662	-0.0892	0.0201	0.0059	-0.0012	-0.1427	0.0062	[redacted]			-0.0160	-0.0843	-0.1067	0.0249	0.0083	-0.0013	-0.1751	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0017	-0.0004	-0.0097	0.0818	0.0119	-0.0019	0.0800	0.0000	1.86	68.81%	2.71	-0.0017	-0.0004	-0.0111	0.0982	0.0170	-0.0023	0.0997	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.20	-0.0034	0.0000	-0.0056	0.0432	0.0046	-0.0011	0.0377	0.0000	1.72	78.37%	2.20	-0.0046	0.0000	-0.0069	0.0517	0.0065	-0.0015	0.0452	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0356	-0.0072	-0.0371	0.0862	0.0048	-0.0004	0.0107	0.0233	6.28	59.48%	10.57	-0.0451	-0.0094	-0.0454	0.1102	0.0074	-0.0005	0.0172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0679	-0.1394	-0.1377	0.1447	0.0117	-0.0025	-0.1911	1.4613	9.82	82.11%	11.96	-0.0840	-0.1770	-0.1650	0.1791	0.0158	-0.0029	-0.2340	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0111	0.0321	0.0056	-0.0011	0.0255	0.0007	1.96	70.08%	2.80	0.0000	0.0000	-0.0136	0.0393	0.0077	-0.0014	0.0320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0258	-0.0175	-0.0647	0.1898	0.0089	-0.0005	0.0902	0.0000	9.91	82.85%	11.96	-0.0316	-0.0223	-0.0792	0.2316	0.0135	-0.0006	0.1114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0298	-0.0848	-0.1418	0.0714	0.0045	-0.0004	-0.1809	1.2038	[redacted]			-0.0384	-0.1080	-0.1671	0.0871	0.0077	-0.0005	-0.2192	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.50	-0.0623	-0.0334	-0.0834	0.2229	0.0078	-0.0009	0.0507	0.0022	13.81	95.23%	14.50	-0.0777	-0.0425	-0.1001	0.2725	0.0122	-0.0011	0.0633	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0168	-0.0496	-0.0946	0.0317	0.0029	0.0000	-0.1264	0.0196	[redacted]			-0.0203	-0.0632	-0.1157	0.0392	0.0030	0.0000	-0.1570	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	0.0000	0.0000	-0.0049	0.2989	0.0159	-0.0015	0.3084	0.0014	1.97	67.21%	2.93	0.0000	0.0000	-0.0059	0.3826	0.0193	-0.0016	0.3944	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.1076	-0.0330	-0.1009	0.4702	0.0100	-0.0014	0.2373	0.0065	15.02	92.86%	16.18	-0.1369	-0.0426	-0.1230	0.5713	0.0141	-0.0017	0.2812	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0662	-0.0554	-0.0666	0.0991	0.0128	-0.0020	-0.0783	0.1774	6.46	92.85%	6.96	-0.0808	-0.0702	-0.0816	0.1274	0.0198	-0.0025	-0.0879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.52	-0.0331	-0.0022	-0.0197	0.0283	0.0057	-0.0045	-0.0255	0.0048	2.73	41.79%	6.52	-0.0373	-0.0025	-0.0241	0.0350	0.0082	-0.0058	-0.0265	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0048	-0.1101	-0.1454	0.0208	0.0008	-0.0010	-0.2397	0.0078	12.23	75.61%	16.18	-0.0059	-0.1402	-0.1751	0.0259	0.0009	-0.0013	-0.2957	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0468	-0.0093	-0.0246	0.1053	0.0053	-0.0021	0.0278	0.5380	8.50	71.13%	11.96	-0.0571	-0.0118	-0.0303	0.1276	0.0080	-0.0026	0.0338	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0055	-0.0008	-0.0502	0.3395	0.0197	-0.0202	0.2825	0.0031	9.21	77.06%	11.96	-0.0072	-0.0010	-0.0601	0.4086	0.0319	-0.0282	0.3440	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0559	0.2534	0.0105	-0.0045	0.2035	0.0000	[redacted]			0.0000	0.0000	-0.0661	0.3127	0.0159	-0.0053	0.2572	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	9.51	79.53%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0161	-0.0452	-0.1072	0.0574	0.0049	-0.0032	-0.1094	1.1305	8.86	74.13%	11.96	-0.0203	-0.0574	-0.1257	0.0694	0.0086	-0.0035	-0.1289	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0009	-0.0121	-0.1027	0.1568	0.0242	-0.0001	0.0652	2.0120	[redacted]			-0.0009	-0.0122	-0.1229	0.2255	0.0243	-0.0001	0.1137	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0024	-0.0125	-0.0111	0.0096	0.0017	0.0000	-0.0147	0.0021	[redacted]			-0.0030	-0.0159	-0.0135	0.0125	0.0026	0.0000	-0.0173	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0001	0.0000	-0.0456	0.0658	0.0130	-0.0043	0.0288	0.0042	6.25	59.85%	10.43	-0.0002	0.0000	-0.0554	0.0807	0.0202	-0.0075	0.0378	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0047	-0.0581	-0.0721	0.1052	0.0039	-0.0003	-0.0261	0.4901	6.68	55.88%	11.96	-0.0057	-0.0740	-0.0869	0.1377	0.0052	-0.0004	-0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0079	-0.0006	-0.0023	0.0057	0.0174	0.0018	0.0141	0.0000	1.52	52.04%	2.93	-0.0098	-0.0007	-0.0028	0.0071	0.0225	0.0024	0.0187	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0145	-0.0002	-0.0066	0.0774	0.0054	-0.0010	0.0605	0.0000	2.09	71.20%	2.93	-0.0175	-0.0002	-0.0081	0.0937	0.0077	-0.0016	0.0740	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.98	0.0000	0.0000	-0.0022	0.0253	0.0155	-0.0005	0.0381	0.2080	0.72	73.91%	0.98	0.0000	0.0000	-0.0027	0.0309	0.0204	-0.0007	0.0479	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0813	-0.0951	-0.1084	0.0598	0.0078	-0.0061	-0.2233	0.0039	9.24	77.28%	11.96	-0.0985	-0.1207	-0.1323	0.0745	0.0118	-0.0079	-0.2731	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0297	-0.1026	-0.1205	0.0814	0.0057	-0.0031	-0.1688	0.0000	10.04	84.00%	11.96	-0.0373	-0.1304	-0.1471	0.1085	0.0087	-0.0038	-0.2014	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0160	-0.0572	-0.1262	0.1590	0.0063	-0.0047	-0.0388	4.2873	15.47	97.42%	15.88	-0.0223	-0.0824	-0.1506	0.1870	0.0103	-0.0049	-0.0629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0350	-0.0152	-0.0730	0.4136	0.0121	-0.0060	0.2965	0.0309	9.96	83.32%	11.96	-0.0406	-0.0177	-0.0894	0.5021	0.0174	-0.0084	0.3634	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0397	-0.0438	-0.0431	0.0013	0.0028	-0.0016	-0.1241	0.0006	[redacted]			-0.0479	-0.0557	-0.0534	0.0017	0.0044	-0.0020	-0.1529	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.44	-0.0482	0.0000	-0.0428	0.0828	0.0137	-0.0020	0.0035	0.0068	6.22	59.61%	10.44	-0.0542	0.0000	-0.0522	0.1023	0.0197	-0.0039	0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.29	-0.0289	-0.0049	-0.0242	0.2898	0.0044	-0.0004	0.2358	0.0031	5.84	51.69%	11.29	-0.0359	-0.0062	-0.0302	0.3538	0.0069	-0.0004	0.2880	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0504	-0.0457	-0.0752	0.0751	0.0082	-0.0016	-0.0896	1.3074	10.48	87.67%	11.96	-0.0571	-0.0526	-0.0929	0.0967	0.0132	-0.0022	-0.0949	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0187	-0.0278	-0.0518	0.0459	0.0064	-0.0007	-0.0467	0.0000	3.90	32.65%	11.96	-0.0252	-0.0372	-0.0633	0.0550	0.0087	-0.0008	-0.0628	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1361	-0.0126	-0.0551	0.3770	0.0118	-0.0084	0.1766	0.2229	9.45	79.00%	11.96	-0.1535	-0.0141	-0.0674	0.4654	0.0173	-0.0131	0.2346	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0218	-0.0106	-0.0203	0.0278	0.0046	-0.0010	-0.0213	0.0007	2.24	76.35%	2.93	-0.0289	-0.0134	-0.0252	0.0339	0.0072	-0.0012	-0.0276	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0001	-0.0014	0.0262	0.0066	0.0007	0.0304	0.0005	[redacted]			-0.0016	-0.0001	-0.0016	0.0345	0.0077	0.0008	0.0397	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0204	-0.0049	-0.0289	0.0361	0.0056	-0.0004	-0.0129	0.0000	[redacted]			-0.0246	-0.0062	-0.0354	0.0434	0.0084	-0.0005	-0.0149	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0032	-0.0012	-0.0143	0.0247	0.0052	-0.0011	0.0101	0.0002	2.16	90.29%	2.39	-0.0043	-0.0016	-0.0176	0.0296	0.0073	-0.0015	0.0119	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1018	-0.0441	-0.0690	0.0886	0.0071	-0.0025	-0.1217	0.0085	8.82	73.78%	11.96	-0.1220	-0.0516	-0.0843	0.1107	0.0114	-0.0033	-0.1391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	-0.0016	-0.0007	-0.0035	0.0133	0.0065	0.0001	0.0141	0.0000	1.36	21.77%	6.26	-0.0018	-0.0008	-0.0043	0.0167	0.0085	0.0001	0.0184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0544	-0.0369	-0.0925	0.1654	0.0091	-0.0022	-0.0115	1.1010	11.41	95.41%	11.96	-0.0806	-0.0513	-0.1129	0.1951	0.0125	-0.0025	-0.0397	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0361	-0.0266	-0.0710	0.0394	0.0150	-0.0045	-0.0838	0.0220	8.12	67.92%	11.96	-0.0450	-0.0338	-0.0867	0.0484	0.0220	-0.0056	-0.1007	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0407	-0.0133	-0.0265	0.0171	0.0117	-0.0004	-0.0521	0.0025	4.26	50.98%	8.35	-0.0505	-0.0163	-0.0327	0.0228	0.0158	-0.0006	-0.0615	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0729	-0.0219	-0.0670	0.1673	0.0139	-0.0021	0.0173	0.0039	8.86	74.11%	11.96	-0.0805	-0.0240	-0.0818	0.2045	0.0214	-0.0050	0.0346	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0058	-0.0017	-0.0097	0.0572	0.0045	0.0000	0.0445	0.0000	2.63	94.04%	2.80	-0.0067	-0.0020	-0.0118	0.0710	0.0071	0.0000	0.0576	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0188	-0.0124	-0.0436	0.2815	0.0101	-0.0023	0.2145	0.0000	8.52	71.30%	11.96	-0.0214	-0.0143	-0.0534	0.3405	0.0146	-0.0037	0.2623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0090	-0.0012	-0.0075	0.0424	0.0045	-0.0004	0.0288	0.0000	2.38	81.32%	2.93	-0.0120	-0.0015	-0.0092	0.0510	0.0069	-0.0005	0.0347	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.11	-0.0052	-0.0731	-0.0799	0.0109	0.0033	-0.0010	-0.1450	0.0000	6.33	62.63%	10.11	-0.0064	-0.0930	-0.0965	0.0136	0.0043	-0.0012	-0.1792	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0051	-0.0036	-0.0195	0.0273	0.0060	-0.0009	0.0042	0.1600	2.40	85.84%	2.80	-0.0066	-0.0046	-0.0242	0.0328	0.0083	-0.0011	0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0022	-0.0006	-0.0100	0.0680	0.0052	-0.0006	0.0598	0.2614	2.73	96.04%	2.84	-0.0025	-0.0007	-0.0123	0.0823	0.0074	-0.0009	0.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0889	-0.0106	-0.0380	0.0604	0.0100	-0.0004	-0.0675	0.0133	7.49	62.68%	11.96	-0.1141	-0.0135	-0.0467	0.0726	0.0152	-0.0005	-0.0870	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2118	-0.0885	-0.1081	0.1712	0.0096	0.0002	-0.2274	0.7978	[redacted]			-0.2609	-0.1127	-0.1338	0.2315	0.0134	0.0001	-0.2624	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0883	-0.0221	-0.0804	0.2144	0.0136	-0.0021	0.0351	0.9911	8.05	67.36%	11.96	-0.1073	-0.0281	-0.0979	0.2599	0.0215	-0.0026	0.0455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.99	-0.0059	-0.0018	-0.0090	0.0612	0.0056	-0.0014	0.0487	0.0000	1.94	97.64%	1.99	-0.0070	-0.0021	-0.0110	0.0741	0.0080	-0.0020	0.0600	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0028	-0.0017	0.0046	0.0024	0.0000	0.0009	0.0000	[redacted]			-0.0020	-0.0036	-0.0020	0.0057	0.0032	0.0000	0.0013	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0315	-0.0285	-0.0573	0.0737	0.0034	-0.0012	-0.0414	0.0061	10.29	86.09%	11.96	-0.0398	-0.0362	-0.0709	0.0917	0.0053	-0.0015	-0.0514	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0161	-0.0016	-0.0084	0.0628	0.0053	0.0000	0.0420	0.0000	2.82	96.19%	2.93	-0.0206	-0.0021	-0.0103	0.0777	0.0076	0.0000	0.0523	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0561	-0.0473	-0.0725	0.0771	0.0066	-0.0020	-0.0942	0.0000	8.34	69.75%	11.96	-0.0706	-0.0601	-0.0885	0.0945	0.0099	-0.0025	-0.1173	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1232	-0.0020	-0.0359	0.0448	0.0079	-0.0003	-0.1087	0.0061	8.96	84.82%	10.57	-0.1568	-0.0025	-0.0442	0.0547	0.0117	-0.0004	-0.1375	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0041	-0.0594	-0.0512	0.0134	0.0032	0.0011	-0.0970	0.0000	7.73	64.65%	11.96	-0.0049	-0.0756	-0.0621	0.0171	0.0037	0.0014	-0.1204	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0131	-0.0271	-0.0768	0.0673	0.0080	-0.0024	-0.0441	1.2856	8.89	74.37%	11.96	-0.0164	-0.0345	-0.0941	0.0810	0.0117	-0.0030	-0.0553	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0052	-0.0023	-0.0133	0.0251	0.0043	-0.0004	0.0082	0.0014	2.02	72.27%	2.80	-0.0069	-0.0029	-0.0164	0.0305	0.0061	-0.0005	0.0099	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0696	-0.0017	-0.0121	0.0686	0.0069	0.0000	-0.0079	0.0095	9.58	80.09%	11.96	-0.0856	-0.0022	-0.0149	0.0829	0.0095	0.0000	-0.0103	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0109	-0.0126	-0.0490	0.1331	0.0395	-0.0026	0.0975	0.4880	6.82	57.25%	11.91	-0.0109	-0.0126	-0.0555	0.1704	0.0549	-0.0033	0.1430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0505	-0.0247	-0.0634	0.0525	0.0074	-0.0022	-0.0809	0.0000	9.51	79.56%	11.96	-0.0630	-0.0305	-0.0775	0.0641	0.0111	-0.0027	-0.0985	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0292	-0.0077	-0.0567	0.0392	0.0142	-0.0069	-0.0471	0.0000	11.43	95.60%	11.96	-0.0366	-0.0098	-0.0703	0.0482	0.0223	-0.0090	-0.0552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0201	-0.0990	-0.1701	0.4604	0.0104	-0.0034	0.1782	0.0000	12.46	88.28%	14.12	-0.0263	-0.1319	-0.2083	0.5617	0.0157	-0.0026	0.2083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.1010	-0.0283	-0.0457	0.0563	0.0110	-0.0014	-0.1091	0.0109	6.71	60.25%	11.13	-0.1227	-0.0349	-0.0568	0.0730	0.0171	-0.0019	-0.1262	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1310	-0.0071	-0.0528	0.1299	0.0130	-0.0004	-0.0484	0.0001	10.51	87.90%	11.96	-0.1550	-0.0087	-0.0654	0.1592	0.0196	-0.0005	-0.0508	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0550	-0.0299	-0.0739	0.2390	0.0060	-0.0035	0.0827	0.0000	14.68	90.73%	16.18	-0.0663	-0.0361	-0.0903	0.2966	0.0091	-0.0045	0.1085	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.02	0.0000	0.0000	-0.0062	0.0020	0.0029	-0.0023	-0.0036	0.0000	3.39	56.26%	6.02	0.0000	0.0000	-0.0076	0.0028	0.0040	-0.0030	-0.0038	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0083	0.0000	-0.0137	0.0467	0.0074	-0.0020	0.0301	0.0000	2.67	91.21%	2.93	-0.0112	0.0000	-0.0170	0.0559	0.0101	-0.0028	0.0350	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1688	-0.0147	-0.0583	0.0402	0.0084	-0.0006	-0.1938	0.0284	9.09	76.02%	11.96	-0.2196	-0.0184	-0.0718	0.0505	0.0132	-0.0008	-0.2469	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0071	-0.0017	-0.0128	0.0444	0.0060	-0.0007	0.0281	0.0001	2.76	98.56%	2.80	-0.0071	-0.0017	-0.0149	0.0538	0.0092	-0.0009	0.0384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0335	-0.0186	-0.0576	0.1730	0.0084	-0.0025	0.0692	0.0183	10.39	86.92%	11.96	-0.0427	-0.0236	-0.0693	0.2086	0.0130	-0.0031	0.0829	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0126	-0.1690	-0.2491	0.0320	0.0038	-0.0001	-0.3950	0.5999	[redacted]			-0.0161	-0.2153	-0.2924	0.0398	0.0070	-0.0001	-0.4771	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0101	-0.0730	-0.1119	0.1289	0.0086	-0.0007	-0.0582	0.3509	10.68	74.70%	14.29	-0.0124	-0.0928	-0.1376	0.1601	0.0115	-0.0009	-0.0721	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0048	-0.0012	-0.0086	0.0368	0.0047	0.0000	0.0269	0.0014	2.30	85.11%	2.71	-0.0059	-0.0015	-0.0102	0.0443	0.0074	0.0000	0.0341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0113	-0.0473	-0.1184	0.4522	0.0118	-0.0035	0.2835	0.1329	7.90	48.84%	16.18	-0.0128	-0.0541	-0.1430	0.5369	0.0167	-0.0044	0.3393	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0390	-0.0029	-0.0334	0.2977	0.0084	-0.0004	0.2304	0.0072	9.07	75.87%	11.96	-0.0512	-0.0039	-0.0403	0.3528	0.0134	-0.0005	0.2703	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0892	-0.0149	-0.0524	0.3374	0.0057	0.0001	0.1867	0.0159	12.55	77.58%	16.18	-0.1125	-0.0189	-0.0648	0.4187	0.0084	0.0002	0.2311	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.63	-0.0020	-0.0291	-0.0458	0.0262	0.0026	0.0000	-0.0481	0.0061	2.36	22.20%	10.63	-0.0025	-0.0370	-0.0556	0.0323	0.0036	0.0000	-0.0592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0085	-0.0003	-0.0135	0.1491	0.0052	-0.0002	0.1318	0.0010	2.70	92.13%	2.93	-0.0115	-0.0004	-0.0166	0.1891	0.0080	-0.0002	0.1684	0.20	0.20	0.20	0.30	0.30	8.33%	8.33%	8.33%	12.50%	12.50%
11.96	-0.0144	-0.0111	-0.0327	0.0512	0.0075	-0.0015	-0.0010	0.0085	10.36	86.67%	11.96	-0.0156	-0.0123	-0.0400	0.0629	0.0120	-0.0022	0.0048	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0267	-0.0566	-0.0481	0.0060	0.0038	0.0007	-0.1209	0.0063	5.14	49.24%	10.43	-0.0332	-0.0734	-0.0589	0.0073	0.0052	0.0007	-0.1523	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0066	-0.0266	-0.0657	0.0202	0.0064	-0.0002	-0.0725	0.0038	9.45	66.97%	14.12	-0.0085	-0.0332	-0.0815	0.0276	0.0090	-0.0003	-0.0869	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0706	-0.0232	-0.0584	0.1355	0.0070	-0.0010	-0.0107	0.0000	9.44	78.96%	11.96	-0.0897	-0.0295	-0.0715	0.1653	0.0105	-0.0013	-0.0162	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0515	-0.0281	-0.0388	0.0619	0.0075	-0.0014	-0.0504	0.0029	5.77	48.24%	11.96	-0.0553	-0.0304	-0.0440	0.0737	0.0118	-0.0020	-0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0295	-0.0190	-0.0370	0.1511	0.0095	-0.0001	0.0750	0.0415	8.40	70.24%	11.96	-0.0359	-0.0242	-0.0445	0.1883	0.0140	-0.0001	0.0976	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0448	-0.0113	-0.0256	0.0428	0.0055	-0.0003	-0.0337	0.0026	6.17	51.62%	11.96	-0.0577	-0.0144	-0.0315	0.0522	0.0085	-0.0004	-0.0433	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0070	-0.1613	-0.1946	0.0311	0.0014	-0.0010	-0.3314	0.4273	14.81	91.54%	16.18	-0.0086	-0.2054	-0.2308	0.0387	0.0016	-0.0014	-0.4059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0092	-0.0689	-0.0981	0.0085	0.0027	-0.0007	-0.1657	0.0000	5.27	44.06%	11.96	-0.0115	-0.0898	-0.1193	0.0103	0.0039	-0.0008	-0.2072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0490	-0.0081	-0.0619	0.0928	0.0089	-0.0009	-0.0182	0.0064	10.23	85.54%	11.96	-0.0649	-0.0103	-0.0768	0.1119	0.0131	-0.0011	-0.0281	0.61	0.61	0.61	0.61	0.59	6.33%	6.33%	6.33%	6.33%	6.13%
11.96	-0.0329	-0.0882	-0.0890	0.0764	0.0077	-0.0016	-0.1276	4.5150	10.22	85.49%	11.96	-0.0407	-0.1121	-0.1067	0.0946	0.0104	-0.0019	-0.1564	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.1035	-0.1677	0.1315	0.0117	0.0010	-0.1297	0.8569	[redacted]			-0.0033	-0.1319	-0.2047	0.1637	0.0116	0.0013	-0.1633	0.00	0.00	0.00	0.00	0.00	[redacted]				

Facility	GNA ID	2023 Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Ninth St		0.0000	[redacted]			-0.0002	-0.0022	-0.0027	0.0054	0.0004	0.0000	0.0007
Nipton		0.0000	[redacted]			-0.0165	-0.0194	-0.0187	0.0000	0.0003	0.0000	-0.0543
Nisley		0.0000	4.80	29.65%	16.18	0.0000	0.0000	-0.0079	0.0577	0.0042	-0.0007	0.0533
Nisqually		0.2963	26.03	79.04%	32.93	-0.0344	0.0000	-0.0588	0.0803	0.0036	-0.0043	-0.0136
No American		0.0000	7.29	60.97%	11.96	-0.0185	-0.0162	-0.0250	0.0222	0.0022	-0.0010	-0.0363
Noakes		0.0001	2.88	55.26%	5.22	0.0000	0.0000	-0.0032	0.0009	0.0013	-0.0001	-0.0011
Noche		0.0004	11.70	97.83%	11.96	-0.0604	-0.0020	-0.0094	0.0253	0.0024	-0.0001	-0.0442
Nocta		0.0000	2.45	83.65%	2.93	-0.0015	-0.0015	-0.0048	0.0103	0.0006	-0.0002	0.0029
Nogal		0.0000	0.59	55.02%	1.07	-0.0009	-0.0001	-0.0009	0.0069	0.0004	0.0000	0.0054
Nohl		0.0000	8.58	71.73%	11.96	-0.0168	-0.0020	-0.0097	0.0423	0.0009	0.0000	0.0147
Nomad		0.0000	[redacted]			-0.0004	-0.0127	-0.0220	0.0059	0.0004	0.0000	-0.0288
Nomex		0.0000	10.63	88.89%	11.96	-0.0046	-0.0053	-0.0179	0.0337	0.0012	-0.0005	0.0066
Nootka		0.0004	8.00	66.93%	11.96	-0.0296	-0.0131	-0.0364	0.0701	0.0011	-0.0002	-0.0081
Nordic		0.0829	6.74	56.37%	11.96	0.0000	0.0000	-0.0055	0.0030	0.0036	-0.0009	0.0002
Norman		0.0000	2.69	91.91%	2.93	0.0000	0.0000	-0.0041	0.0212	0.0022	-0.0005	0.0188
Normandie		0.0001	2.80	95.71%	2.93	0.0000	0.0000	-0.0026	0.0239	0.0043	-0.0005	0.0251
North Adobe		0.0000	5.26	63.00%	8.35	-0.0148	-0.0064	-0.0111	0.0036	0.0003	-0.0002	-0.0286
North Beach		0.0002	2.14	73.09%	2.93	0.0000	0.0000	-0.0021	0.0309	0.0000	-0.0001	0.0287
North Shore		0.0000	5.76	91.98%	6.26	-0.0079	-0.0111	-0.0155	0.0085	0.0005	-0.0005	-0.0260
Northpark		0.0005	13.90	116.29%	11.96	-0.0281	-0.0258	-0.0448	0.0318	0.0011	-0.0002	-0.0660
Northridge		0.0000	1.25	42.54%	2.93	-0.0001	-0.0001	-0.0014	0.0101	0.0008	-0.0002	0.0091
Northside		0.0000	1.79	61.15%	2.93	-0.0017	-0.0056	-0.0072	0.0189	0.0005	-0.0001	0.0048
Norton		0.0000	[redacted]			-0.0044	-0.0225	-0.0297	0.0281	0.0009	-0.0001	-0.0277
Norwich		0.1966	12.03	74.35%	16.18	-0.0014	-0.0247	-0.0347	0.0167	0.0009	-0.0008	-0.0440
Norwood		0.0000	8.85	84.82%	10.43	-0.0118	-0.0034	-0.0128	0.0260	0.0011	-0.0002	-0.0011
Nova		0.1141	[redacted]			-0.0424	-0.0047	-0.0146	0.0216	0.0035	-0.0001	-0.0367
Novac		0.4507	12.16	101.70%	11.96	-0.0350	-0.0039	-0.0183	0.0462	0.0017	-0.0001	-0.0094
Nozzle		0.0002	[redacted]			-0.0010	-0.0129	-0.0214	0.0035	0.0018	0.0003	-0.0297
Nubia		0.0003	9.12	76.25%	11.96	-0.0065	-0.0139	-0.0238	0.0260	0.0002	-0.0011	-0.0191
Nurses		0.3568	7.95	66.48%	11.96	-0.0019	-0.0275	-0.0460	0.0040	0.0005	-0.0002	-0.0711
Nusbaum		0.0000	[redacted]			-0.0151	-0.0164	-0.0323	0.0077	0.0002	-0.0002	-0.0561
Nutmeg		0.0000	7.02	58.68%	11.96	-0.0107	-0.0005	-0.0057	0.0194	0.0012	-0.0001	0.0036
Nylic		0.0000	1.40	62.21%	2.26	0.0000	0.0000	-0.0016	0.0122	0.0013	-0.0002	0.0117
Oak Creek		0.9728	[redacted]			-0.0042	-0.0037	-0.0062	0.0050	0.0001	0.0000	-0.0090
Oak Glen		0.0001	7.75	85.91%	9.02	-0.0236	-0.0089	-0.0175	0.0381	0.0006	-0.0007	-0.0120
Oakdale		0.0003	[redacted]			-0.0558	-0.0097	-0.0227	0.0362	0.0012	-0.0001	-0.0509
Oakhurst		0.0000	1.69	70.68%	2.39	-0.0006	-0.0037	-0.0038	0.0056	0.0005	-0.0002	-0.0022
Oakland		0.2411	4.03	48.32%	8.35	-0.0060	-0.0083	-0.0068	0.0046	0.0013	0.0006	-0.0146
Oakwood		0.0001	2.75	93.90%	2.93	-0.0005	-0.0001	-0.0026	0.0194	0.0007	-0.0003	0.0166
Oban		0.0001	[redacted]			-0.0049	-0.0145	-0.0193	0.0047	0.0003	-0.0001	-0.0338
Oboe		0.0000	[redacted]			-0.0019	-0.0357	-0.0643	0.0102	0.0002	-0.0004	-0.0919
Observatory		0.0000	[redacted]			-0.0001	-0.0002	-0.0004	0.0007	0.0004	0.0000	0.0004
Obsidian	GNA_2023_165	1.2969	[redacted]			-0.0114	-0.0107	-0.0206	0.0220	0.0008	-0.0003	-0.0202
Ocana		0.3940	7.60	63.57%	11.96	0.0000	0.0000	-0.0153	0.0082	0.0024	0.0000	-0.0047
Occidental		0.0000	2.52	15.85%	15.88	-0.0009	-0.0046	-0.0110	0.0169	0.0006	-0.0006	0.0004
Oceanic		0.0000	2.11	88.22%	2.39	-0.0009	-0.0016	-0.0045	0.0178	0.0006	-0.0002	0.0112
Octane		1.3502	11.21	90.71%	12.35	-0.0016	-0.0056	-0.0336	0.0680	0.0011	-0.0023	0.0260
Offside		1.0415	8.57	71.67%	11.96	-0.0085	-0.0235	-0.0268	0.0162	0.0004	-0.0007	-0.0429
Ohio	GNA_2023_38	0.0000	2.58	108.13%	2.39	-0.0015	-0.0016	-0.0061	0.0193	0.0011	-0.0003	0.0109
Oil		0.0003	8.67	72.50%	11.96	-0.0058	-0.0332	-0.0438	0.0125	0.0007	-0.0006	-0.0702
Oilers		0.0000	8.60	71.89%	11.96	-0.0296	-0.0057	-0.0173	0.0923	0.0012	-0.0001	0.0408
Oilwell		0.0001	7.73	73.14%	10.57	-0.0033	-0.0273	-0.0397	0.0073	0.0004	-0.0001	-0.0627
Oklahoma		0.0000	9.38	78.47%	11.96	-0.0281	-0.0047	-0.0153	0.0443	0.0008	0.0000	-0.0030
Olancha		0.0001	[redacted]			-0.0179	-0.0272	-0.0374	0.0089	0.0006	-0.0016	-0.0746
Old Dale		0.0000	1.45	43.70%	3.33	-0.0026	-0.0017	-0.0037	0.0040	0.0005	-0.0005	-0.0040
Old Trails		0.0700	[redacted]			-0.1008	-0.0127	-0.0195	0.0123	0.0038	0.0002	-0.1167
Olds		0.0000	8.89	74.38%	11.96	-0.0135	-0.0010	-0.0079	0.0289	0.0008	0.0000	0.0073
Olive		0.0000	1.80	61.37%	2.93	-0.0010	-0.0057	-0.0049	0.0014	0.0001	-0.0006	-0.0107
Oliver		0.6664	[redacted]			-0.1174	-0.0203	-0.0446	0.0429	0.0028	-0.0007	-0.1373
Olson		0.0697	14.44	89.29%	16.18	-0.0054	-0.0403	-0.0318	0.0172	0.0015	-0.0004	-0.0592
Olympiad		0.0001	9.64	80.63%	11.96	-0.0253	-0.0012	-0.0085	0.0825	0.0006	0.0000	0.0481
Olympus		0.0003	[redacted]			-0.0101	-0.0111	-0.0309	0.0129	0.0007	-0.0005	-0.0390
Omaha		0.0000	9.56	79.96%	11.96	-0.0095	-0.0069	-0.0166	0.0389	0.0035	-0.0007	0.0087
O'Malley		0.0003	9.29	77.68%	11.96	-0.0046	-0.0227	-0.0344	0.0098	0.0008	-0.0012	-0.0523
Omega		0.0004	9.54	79.76%	11.96	-0.0113	-0.0037	-0.0125	0.0608	0.0010	-0.0003	0.0340
Omicron		0.0867	9.55	79.86%	11.96	-0.0036	-0.0023	-0.0068	0.0315	0.0006	-0.0002	0.0192
Onaga		0.0001	8.52	71.29%	11.96	-0.0213	-0.0236	-0.0335	0.0071	0.0007	-0.0011	-0.0717
Onbord		0.0000	9.06	75.79%	11.96	-0.0207	-0.0083	-0.0170	0.0420	0.0011	-0.0005	-0.0034
Onion		0.0000	10.26	85.85%	11.96	-0.0271	-0.0230	-0.0347	0.0075	0.0007	-0.0007	-0.0773
Opal		0.0000	1.23	51.48%	2.39	0.0000	0.0000	-0.0014	0.0224	0.0026	-0.0007	0.0229
Opportunity		0.0000	[redacted]			-0.0081	-0.0195	-0.0328	0.0114	0.0007	-0.0009	-0.0492
Ora		0.0001	2.84	140.56%	2.02	-0.0045	-0.0003	-0.0033	0.0166	0.0006	0.0000	0.0091
Orange Blossom		0.0000	5.55	55.42%	10.02	-0.0204	-0.0100	-0.0135	0.0109	0.0005	-0.0002	-0.0327
Orbiter		0.0000	[redacted]			-0.0028	-0.0030	-0.0272	0.0451	0.0010	-0.0004	0.0127
Orchardale		0.0004	7.26	60.76%	11.96	-0.0032	-0.0184	-0.0277	0.0093	0.0011	-0.0001	-0.0390
Orchid		0.0000	1.61	71.28%	2.26	0.0000	0.0000	-0.0013	0.0199	0.0049	-0.0003	0.0232
Oregon		0.0000	1.28	53.73%	2.39	-0.0006	-0.0029	-0.0040	0.0078	0.0003	-0.0001	0.0005
Oriole		0.0000	9.37	78.35%	11.96	-0.0188	-0.0350	-0.0368	0.0256	0.0013	-0.0001	-0.0638
Orion	GNA_2023_178	-0.1172	15.78	110.38%	14.29	-0.0143	-0.0042	-0.0218	0.1470	0.0012	-0.0003	0.1076
Orizaba		0.0001	8.94	74.74%	11.96	-0.0086	-0.0154	-0.0244	0.0552	0.0042	-0.0005	0.0105
Orlena		0.0000	2.71	92.51%	2.93	-0.0090	-0.0003	-0.0027	0.0156	0.0011	0.0001	0.0048
Orman		0.0000	0.07	4.46%	1.50	0.0000	0.0000	-0.0001	0.0000	0.0002	0.0000	0.0001
Orsatti		0.4589	2.05	69.90%	2.93	-0.0007	-0.0023	-0.0053	0.0164	0.0004	-0.0006	0.0079
Orvil		0.0002	8.59	71.83%	11.96	-0.0068	-0.0298	-0.0281	0.0167	0.0005	-0.0007	-0.0482
Osgood	GNA_2023_314	0.0001	2.92	126.31%	2.31	-0.0004	-0.0001	-0.0043	0.0148	0.0008	-0.0004	0.0104
Oslo		0.0004	9.76	81.59%	11.96	-0.0086	-0.0020	-0.0155	0.0661	0.0013	-0.0020	0.0393
Osner	GNA_2023_103	0.0000	9.61	80.36%	11.96	-0.0071	-0.0067	-0.0174	0.0075	0.0004	-0.0003	-0.0236
Ostran		0.0001	2.63	93.91%	2.80	-0.0036	-0.0019	-0.0055	0.0184	0.0004	-0.0006	0.0072
Otis		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O'Toole		0.0000	10.96	91.69%	11.96	-0.0121	-0.0064	-0.0226	0.0331	0.0007	-0.0010	-0.0083
Otter		0.0004	11.23	93.90%	11.96	-0.0080	-0.0251	-0.0423	0.0313	0.0007	-0.0014	-0.0448
Otto		0.0000	2.23	76.17%	2.93	-0.0059	-0.0003	-0.0022	0.0120	0.0007	0.0000	0.0043
Ottowa		0.0004	10.81	90.43%	11.96	-0.0129	-0.0199	-0.0328	0.0180	0.0005	-0.0011	-0.0482
Ounce		0.3683	[redacted]			-0.0058	-0.0032	-0.0115	0.0094	0.0005	-0.0002	-0.0108
Outlaw		0.4818	4.95	75.93%	6.52	-0.0092	-0.0031	-0.0081	0.0132	0.0007	-0.0002	-0.0067
Outpost		0.0004	10.34	86.47%	11.96	-0.0537	-0.0011	-0.0097	0.0081	0.0012	-0.0001	-0.0553
Outrigger		0.0000	5.60	46.85%	11.96	0.0000	0.0000	-0.0089	0.0587	0.0035	-0.0010	0.0523
Overall	GNA_2023_55	18.2090	4.99	41.72%	11.96	-0.0075	-0.0055	-0.0078	0.0085	0.0007	-0.0003	-0.0119
Overhill		0.0000	2.56	87.51%	2.93	-0.0004	-0.0004	-0.0034	0.0238	0.0008	-0.0009	0.0195
Overland		0.0000	2.82	96.37%	2.93	0.0000	0.0000	-0.0031	0.0105	0.0042	-0.0007	0.0109
Overlook		0.0080	1.32	71.85%	1.83	-0.0045	-0.0019	-0.0038	0.0037	0.0003	-0.0001	-0.0063
Owens		3.7283	[redacted]			-0.0158	-0.0286	-0.0328	0.0746	0.0042	-0.0003	0.0013
Owl		0.0001	2.51	85.73%	2.93	-0.0036	0.0000	-0.0022	0.0156	0.0005	0.0000	0.0103
Oxford		0.0000	1.77	60.41%	2.93	-0.0010	-0.0002	-0.0032	0.0181	0.0007	-0.0002	0.0142
Oxley		0.0000	2.28	77.70%	2.93	-0.0023	-0.0001	-0.0019	0.0209	0.0004	-0.0001	0.0169
Oxy		0.0000	9.06	75.77%	11.96	0.0000	0.0000	-0.0316	0.0395	0.0014	-0.0010	0.0083
Ozone		0.0000	0.96	46.11%	2.08	-0.0027	-0.0003	-0.0015	0.0243	0.0012	0.0001	0.0211
P & G		0.0000	[redacted]			0.0000	0.0000	-0.0018	0.0035	0.0018	-0.0001	0.0034
Pablo		0.0000	9.74	82.96%	11.74	-0.0166	-0.0160	-0.0256	0.0313	0.0011	-0.0003	-0.0261
Pachea		0.0003	11.44	95.68%	11.96	-0.0288	-0.0025	-0.0124	0.0085	0.0017	-0.0002	-0.0337
Pacifica		0.0000	[redacted]			-0.0085	-0.0114	-0.0233	0.0135	0.0009	-0.0004	-0.0292
Packard		0.0003	8.26	69.12%	11.96	-0.0120	-0.0158	-0.0312	0.0284	0.0012	-0.0008	-0.0302
Packwood		0.0000	9.46	85.01%	11.13	-0.0120	-0.0023	-0.0091	0.0111	0.0013	-0.0002	-0.0112
Pacoma		0.0001	2.34	97.90%	2.39	-0.0018	-0.0002	-0.0038	0.0242	0.0008	-0.0004	0.0188
Paddock		0.0005	12.92	91.54%	14.12	-0.0039	-0.0121	-0.0361	0.0561	0.0009	-0.0009	0.0040
Paddy		0.0003	10.25	92.12%	11.13	-0.0127	-0.0037	-0.0162	0.0096	0.0009	-0.0002	-0.0223
Padova		0.0003	8.55	71.54%	11.96	-0.0115	-0.0013	-0.0075	0.0614	0.0009	-0.0001	0.0419
Padre		3.1439	13.52	83.60%	16.18	-0.0011	-0.0391	-0.0525	0.0214	0.0004	-0.0006	-0.0715
Pago		0.0002	1.19	7.87%	15.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pahute		0.0003	11.05	92.43%	11.96	-0.0216	-0.0083	-0.0207	0.0105	0.0008	-0.0001	-0.0394
Paige		0.0000	9.89	82.73%	11.96	-0.0099	-0.0052	-0.0172	0.0066	0.0009	-0.0015	-0.0263
Paint	GNA_2023_230	0.0006	13.35	111.64%	11.96	-0.0210	-0.0008	-0.0145	0.0113	0.0013	-0.0001	-0.0238
Painter		0.0001	10.13	95.90%	10.57	-0.0086	-0.0084	-0.0279	0.0533	0.0012	-0.0017	0.0079
Pajaro		0.0000	[redacted]			-0.0120	-0.0062	-0.0145	0.0420	0.0007	-0.0002	0.0098
Palace	GNA_2023_70	0.1131	12.54	104.87%	11.96	-0.0143	-0.0340	-0.0423	0.0123	0.0006	0.0000	-0.0777
Palisades		0.0000	[redacted]			-0.0001	-0.0018	-0.0029	0.0025	0.0001	0.0000	-0.0022
Paljay		0.0001	10.81	66.81%	16.18	-0.0064	-0.0162	-0.0305	0.0375	0.0019	-0.0023	-0.0160
Palm		0.0000	2.46	103.01%	2.39	-0.0008	-0.0018	-0.0080	0.0188	0.0007	-0.0021	0.0068
Palm City		0.0003	[redacted]			-0.0144	-0.0133	-0.0298	0.0092	0.0006	-0.0001	-0.0478
Palmer		0.0000	8.75	73.18%	11.96	-0.0081	-0.0007	-0.0067	0.0533	0.0009	-0.0001	0.0386
Palmetto	GNA_2023_75	0.0001	10.65	89.05%	11.96	-0.0244	-0.0093	-0.0180	0.0135	0.0007	-0.0003	-0.0378
Palmview	GNA_2023_134	0.2912	[redacted]			-0.1936	0.0000	-0.0589	0.0131	0.0017	-0.0012	-0.2389
Palo Brea		0.0004	10.01	83.75%	11.96	-0.0005	-0.0003	-0.0242	0.0255	0.0013	-0.0009	0.0009
Paloma		0.0000	11.82	82.68%	14.29	-0.0107	-0.0030	-0.0125	0.0611	0.0006	-0.0009	0.0346
Palomar		0.0001	[redacted]			-0.0009	-0.0005	-0.0037	0.0086	0.0007	-0.0003	0.0039

Facility	2024 Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Ninth St	0.0007	[redacted]			-0.0005	-0.0042	-0.0045	0.0112	0.0008	0.0001	0.0029
Nipton	8.1268	[redacted]			-0.0201	-0.0229	-0.0366	0.0000	0.0012	-0.0008	-0.0792
Nisley	0.0000	4.86	30.03%	16.18	0.0000	0.0000	-0.0149	0.1192	0.0089	-0.0014	0.1118
Nisqually	0.3775	26.14	79.37%	32.93	-0.0374	0.0000	-0.1038	0.1583	0.0110	-0.0136	0.0145
No American	0.0000	7.29	60.95%	11.96	-0.0269	-0.0245	-0.0476	0.0574	0.0051	-0.0023	-0.0388
Noakes	0.0016	2.88	55.27%	5.22	0.0000	0.0000	-0.0062	0.0019	0.0027	-0.0002	-0.0018
Noche	0.0067	11.67	97.61%	11.96	-0.1067	-0.0039	-0.0211	0.0523	0.0048	-0.0002	-0.0748
Nocta	0.0000	2.45	83.79%	2.93	-0.0028	-0.0029	-0.0098	0.0210	0.0015	-0.0003	0.0067
Nogal	0.0000	0.59	55.63%	1.07	-0.0016	-0.0001	-0.0017	0.0142	0.0008	0.0000	0.0116
Nohl	0.0000	8.60	71.92%	11.96	-0.0306	-0.0038	-0.0194	0.0878	0.0022	0.0000	0.0362
Nomad	0.0000	[redacted]			-0.0008	-0.0231	-0.0388	0.0123	0.0012	0.0001	-0.0491
Nomex	0.0000	10.64	88.97%	11.96	-0.0087	-0.0099	-0.0360	0.0687	0.0030	-0.0010	0.0161
Nootka	0.0004	8.03	67.13%	11.96	-0.0520	-0.0238	-0.0639	0.1519	0.0024	-0.0004	0.0142
Nordic	0.1809	6.85	57.29%	11.96	0.0000	0.0000	-0.0109	0.0066	0.0088	-0.0013	0.0032
Norman	0.0000	2.71	92.65%	2.93	0.0000	0.0000	-0.0076	0.0433	0.0048	-0.0010	0.0395
Normandie	0.0013	2.84	96.89%	2.93	0.0000	0.0000	-0.0050	0.0548	0.0077	-0.0008	0.0567
North Adobe	0.0000	5.23	62.68%	8.35	-0.0282	-0.0120	-0.0218	0.0086	0.0011	-0.0003	-0.0526
North Beach	0.0003	2.17	74.03%	2.93	0.0000	0.0000	-0.0041	0.0588	0.0000	-0.0002	0.0545
North Shore	0.0002	5.77	92.16%	6.26	-0.0079	-0.0111	-0.0238	0.0188	0.0096	-0.0014	-0.0158
Northpark	0.0088	11.82	98.86%	11.96	-0.0521	-0.0470	-0.0863	0.0670	0.0028	-0.0004	-0.1160
Northridge	0.0004	1.26	42.91%	2.93	-0.0002	-0.0002	-0.0030	0.0207	0.0020	-0.0003	0.0190
Northside	0.0000	1.80	61.49%	2.93	-0.0031	-0.0108	-0.0123	0.0395	0.0011	-0.0002	0.0142
Norton	0.0000	[redacted]			-0.0080	-0.0414	-0.0530	0.0639	0.0019	-0.0002	-0.0368
Norwich	2.6415	14.65	90.53%	16.18	-0.0026	-0.0434	-0.0634	0.0388	0.0021	-0.0017	-0.0702
Norwood	0.0000	10.31	98.78%	10.43	-0.0210	-0.0063	-0.0266	0.0534	0.0027	-0.0004	0.0018
Nova	0.1456	[redacted]			-0.0584	-0.0067	-0.0300	0.0473	0.0059	-0.0024	-0.0443
Novac	0.8604	8.16	68.21%	11.96	-0.0617	-0.0072	-0.0370	0.0946	0.0042	-0.0003	-0.0074
Nozzle	0.0046	[redacted]			-0.0020	-0.0233	-0.0360	0.0076	0.0046	0.0006	-0.0485
Nubia	0.0048	9.11	76.21%	11.96	-0.0119	-0.0262	-0.0433	0.0543	0.0012	-0.0021	-0.0280
Nurses	0.3587	7.89	65.99%	11.96	-0.0036	-0.0502	-0.0837	0.0088	0.0013	-0.0004	-0.1278
Nusbaum	0.0001	[redacted]			-0.0232	-0.0248	-0.0583	0.0179	0.0012	-0.0004	-0.0876
Nutmeg	0.0000	7.02	58.73%	11.96	-0.0208	-0.0009	-0.0122	0.0399	0.0034	-0.0002	0.0092
Nylic	0.0000	1.42	62.79%	2.26	0.0000	0.0000	-0.0031	0.0248	0.0031	-0.0003	0.0245
Oak Creek	1.2399	[redacted]			-0.0079	-0.0067	-0.0117	0.0105	0.0004	0.0000	-0.0154
Oak Glen	0.0018	7.79	86.37%	9.02	-0.0278	-0.0106	-0.0319	0.0954	0.0021	-0.0030	0.0242
Oakdale	0.0042	[redacted]			-0.1108	-0.0196	-0.0423	0.0750	0.0029	0.0000	-0.0948
Oakhurst	0.0000	1.69	70.71%	2.39	-0.0011	-0.0067	-0.0071	0.0129	0.0012	-0.0005	-0.0013
Oakland	0.3085	4.09	49.01%	8.35	-0.0119	-0.0150	-0.0133	0.0096	0.0025	0.0016	-0.0265
Oakwood	0.0019	2.77	94.64%	2.93	-0.0009	-0.0002	-0.0053	0.0396	0.0017	-0.0005	0.0344
Oban	0.0018	[redacted]			-0.0095	-0.0268	-0.0361	0.0107	0.0008	-0.0001	-0.0610
Oboe	0.0001	[redacted]			-0.0039	-0.0650	-0.1149	0.0217	0.0008	-0.0007	-0.1620
Observatory	0.0000	[redacted]			-0.0002	-0.0004	-0.0008	0.0015	0.0005	0.0000	0.0006
Obsidian	2.8621	[redacted]			-0.0208	-0.0196	-0.0355	0.0453	0.0017	-0.0006	-0.0295
Ocana	0.3940	7.60	63.57%	11.96	0.0000	0.0000	-0.0268	0.0168	0.0049	0.0000	-0.0051
Occidental	0.0000	2.52	15.88%	15.88	-0.0018	-0.0087	-0.0198	0.0346	0.0017	-0.0014	0.0046
Oceanic	0.0000	2.12	88.76%	2.39	-0.0016	-0.0031	-0.0089	0.0364	0.0014	-0.0005	0.0237
Octane	1.5498	11.43	92.54%	12.35	-0.0046	-0.0168	-0.0627	0.1299	0.0025	-0.0043	0.0440
Offside	1.3313	8.84	73.95%	11.96	-0.0169	-0.0442	-0.0476	0.0339	0.0015	-0.0012	-0.0745
Ohio	0.0000	2.60	108.70%	2.39	-0.0027	-0.0031	-0.0111	0.0394	0.0020	-0.0006	0.0239
Oil	0.0050	8.62	72.10%	11.96	-0.0105	-0.0613	-0.0767	0.0263	0.0015	-0.0008	-0.1215
Oilers	0.0000	8.65	72.34%	11.96	-0.0549	-0.0110	-0.0346	0.1909	0.0031	-0.0003	0.0932
Oilwell	0.0014	7.68	72.68%	10.57	-0.0065	-0.0502	-0.0700	0.0151	0.0017	-0.0002	-0.1101
Oklahoma	0.0000	9.39	78.55%	11.96	-0.0504	-0.0087	-0.0288	0.0913	0.0021	0.0000	0.0055
Olancha	0.0009	[redacted]			-0.0323	-0.0514	-0.0664	0.0212	0.0013	-0.0037	-0.1313
Old Dale	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Old Trails	0.0892	[redacted]			-0.1845	-0.0216	-0.0381	0.0270	0.0069	0.0008	-0.2095
Olds	0.0000	8.91	74.49%	11.96	-0.0239	-0.0019	-0.0161	0.0597	0.0019	0.0000	0.0197
Olive	0.0000	1.79	61.12%	2.93	-0.0018	-0.0101	-0.0089	0.0035	0.0005	-0.0012	-0.0180
Oliver	0.6664	[redacted]			-0.1870	-0.0303	-0.0867	0.0996	0.0075	-0.0014	-0.1983
Olson	0.0887	14.34	88.64%	16.18	-0.0105	-0.0750	-0.0593	0.0358	0.0039	-0.0006	-0.1057
Olympiad	0.0017	10.97	91.72%	11.96	-0.0462	-0.0023	-0.0172	0.1700	0.0015	0.0000	0.1058
Olympus	1.2915	[redacted]			-0.0181	-0.0207	-0.0576	0.0263	0.0017	-0.0009	-0.0693
Omaha	0.0005	9.57	80.05%	11.96	-0.0185	-0.0133	-0.0349	0.0793	0.0070	-0.0014	0.0182
O'Malley	0.0053	9.27	77.49%	11.96	-0.0067	-0.0343	-0.0621	0.0258	0.0019	-0.0027	-0.0781
Omega	0.0068	9.59	80.18%	11.96	-0.0213	-0.0070	-0.0257	0.1254	0.0025	-0.0006	0.0733
Omicron	0.1124	9.60	80.30%	11.96	-0.0067	-0.0044	-0.0136	0.0647	0.0017	-0.0004	0.0413
Onaga	0.4769	8.08	67.56%	11.96	-0.0399	-0.0443	-0.0618	0.0160	0.0018	-0.0021	-0.1303
Onbord	0.0000	9.07	75.84%	11.96	-0.0390	-0.0155	-0.0332	0.0874	0.0029	-0.0009	0.0017
Onion	0.0000	9.09	75.99%	11.96	-0.0452	-0.0390	-0.0582	0.0190	0.0020	-0.0018	-0.1232
Opal	0.0000	1.26	52.57%	2.39	0.0000	0.0000	-0.0027	0.0457	0.0059	-0.0016	0.0473
Opportunity	0.0000	[redacted]			-0.0147	-0.0362	-0.0611	0.0239	0.0018	-0.0017	-0.0880
Ora	0.0012	2.85	141.22%	2.02	-0.0080	-0.0006	-0.0066	0.0339	0.0018	0.0000	0.0205
Orange Blossom	0.0002	5.52	55.11%	10.02	-0.0409	-0.0199	-0.0266	0.0222	0.0016	-0.0003	-0.0639
Orbiter	0.0000	[redacted]			-0.0053	-0.0055	-0.0492	0.0917	0.0032	-0.0013	0.0336
Orchardale	0.0051	7.24	60.54%	11.96	-0.0061	-0.0340	-0.0505	0.0194	0.0024	-0.0003	-0.0691
Orchid	0.0000	1.64	72.42%	2.26	0.0000	0.0000	-0.0028	0.0406	0.0104	-0.0008	0.0474
Oregon	0.0000	1.28	53.77%	2.39	-0.0012	-0.0058	-0.0074	0.0147	0.0014	-0.0001	0.0016
Oriole	0.0000	9.31	77.89%	11.96	-0.0351	-0.0660	-0.0695	0.0530	0.0032	-0.0004	-0.1148
Orion	-0.2333	15.78	97.57%	16.18	-0.0247	-0.0080	-0.0405	0.3008	0.0026	-0.0005	0.2297
Orizaba	0.0022	8.96	74.93%	11.96	-0.0156	-0.0298	-0.0453	0.1156	0.0071	-0.0008	0.0312
Orlena	0.0000	2.72	92.82%	2.93	-0.0159	-0.0006	-0.0052	0.0325	0.0023	0.0003	0.0134
Orman	0.0000	0.07	4.48%	1.50	0.0000	0.0000	-0.0002	0.0000	0.0004	0.0000	0.0002
Orsatti	0.5759	2.19	74.69%	2.93	-0.0013	-0.0045	-0.0102	0.0335	0.0012	-0.0011	0.0176
Orvil	0.0021	8.55	71.50%	11.96	-0.0133	-0.0549	-0.0537	0.0348	0.0015	-0.0013	-0.0869
Osgood	0.0008	2.93	126.83%	2.31	-0.0020	-0.0005	-0.0087	0.0311	0.0023	-0.0011	0.0211
Oslo	0.0070	9.81	82.06%	11.96	-0.0155	-0.0039	-0.0309	0.1350	0.0041	-0.0043	0.0845
Osner	0.0004	9.59	80.20%	11.96	-0.0128	-0.0123	-0.0341	0.0168	0.0015	-0.0006	-0.0415
Ostran	0.0007	2.64	94.31%	2.80	-0.0064	-0.0037	-0.0108	0.0376	0.0014	-0.0012	0.0169
Otis	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
O'Toole	0.0000	10.96	91.70%	11.96	-0.0209	-0.0121	-0.0421	0.0677	0.0023	-0.0018	-0.0069
Otter	0.0038	11.20	93.64%	11.96	-0.0145	-0.0468	-0.0799	0.0648	0.0019	-0.0027	-0.0772
Otto	0.0000	2.51	85.54%	2.93	-0.0104	-0.0006	-0.0046	0.0250	0.0017	0.0000	0.0111
Ottowa	0.0047	10.78	90.16%	11.96	-0.0232	-0.0373	-0.0608	0.0391	0.0015	-0.0021	-0.0828
Ounce	0.3685	[redacted]			-0.0111	-0.0058	-0.0222	0.0196	0.0018	-0.0004	-0.0181
Outlaw	0.9520	5.46	83.76%	6.52	-0.0174	-0.0057	-0.0160	0.0271	0.0017	-0.0004	-0.0107
Outpost	0.0050	10.33	86.42%	11.96	-0.0647	-0.0014	-0.0212	0.0205	0.0032	-0.0018	-0.0654
Outrigger	0.0000	5.66	47.35%	11.96	0.0000	0.0000	-0.0172	0.1193	0.0086	-0.0021	0.1086
Overall	19.4104	4.98	41.66%	11.96	-0.0140	-0.0103	-0.0155	0.0185	0.0018	-0.0005	-0.0200
Overhill	0.0000	2.59	88.26%	2.93	-0.0008	-0.0008	-0.0070	0.0485	0.0021	-0.0018	0.0402
Overland	0.0005	2.84	96.82%	2.93	0.0000	0.0000	-0.0057	0.0213	0.0085	-0.0014	0.0227
Overlook	0.0147	1.32	71.96%	1.83	-0.0084	-0.0036	-0.0072	0.0076	0.0007	-0.0002	-0.0111
Owens	5.4905	[redacted]			-0.0306	-0.0510	-0.0659	0.1527	0.0101	-0.0005	0.0148
Owl	0.0018	2.53	86.38%	2.93	-0.0047	0.0000	-0.0048	0.0342	0.0018	-0.0003	0.0262
Oxford	0.0003	1.79	60.97%	2.93	-0.0018	-0.0004	-0.0066	0.0368	0.0016	-0.0005	0.0291
Oxley	0.0000	2.30	78.44%	2.93	-0.0041	-0.0002	-0.0038	0.0427	0.0022	-0.0001	0.0367
Oxy	0.0000	9.08	75.91%	11.96	0.0000	0.0000	-0.0560	0.0805	0.0032	-0.0032	0.0245
Ozone	0.0000	0.99	47.35%	2.08	-0.0048	-0.0006	-0.0032	0.0508	0.0031	0.0002	0.0455
P & G	0.0007	[redacted]			0.0000	0.0000	-0.0032	0.0072	0.0036	-0.0002	0.0074
Pablo	0.0000	9.73	82.87%	11.74	-0.0291	-0.0305	-0.0447	0.0659	0.0023	-0.0004	-0.0365
Pachea	0.0051	10.33	86.38%	11.96	-0.0516	-0.0047	-0.0264	0.0173	0.0043	-0.0004	-0.0615
Pacifica	0.0000	[redacted]			-0.0158	-0.0210	-0.0438	0.0278	0.0023	-0.0007	-0.0512
Packard	0.0046	8.25	69.01%	11.96	-0.0231	-0.0297	-0.0544	0.0590	0.0026	-0.0015	-0.0471
Packwood	0.0000	9.45	84.94%	11.13	-0.0213	-0.0044	-0.0195	0.0228	0.0043	-0.0004	-0.0185
Pacoma	0.0009	2.35	98.63%	2.39	-0.0050	-0.0007	-0.0076	0.0462	0.0022	-0.0005	0.0346
Paddock	0.0076	12.95	91.72%	14.12	-0.0071	-0.0226	-0.0663	0.1156	0.0023	-0.0017	0.0202
Paddy	0.0053	8.29	69.33%	11.96	-0.0221	-0.0068	-0.0290	0.0199	0.0020	-0.0005	-0.0365
Padova	0.0028	8.61	72.00%	11.96	-0.0201	-0.0024	-0.0161	0.1262	0.0022	-0.0002	0.0896
Padre	3.1496	13.47	83.28%	16.18	-0.0021	-0.0740	-0.0971	0.0452	0.0016	-0.0010	-0.1274
Pago	0.0002	1.19	7.87%	15.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pahute	0.0048	11.03	92.23%	11.96	-0.0389	-0.0153	-0.0372	0.0240	0.0019	-0.0001	-0.0656
Paige	0.0011	9.87	82.56%	11.96	-0.0175	-0.0098	-0.0329	0.0138	0.0027	-0.0029	-0.0466
Paint	0.0093	10.95	91.57%	11.96	-0.0421	-0.0018	-0.0282	0.0216	0.0025	-0.0002	-0.0482
Painter	0.0017	10.15	96.09%	10.57	-0.0154	-0.0158	-0.0528	0.1095	0.0031	-0.0031	0.0255
Pajaro	0.0000	[redacted]			-0.0221	-0.0114	-0.0283	0.0866	0.0018	-0.0004	0.0262
Palace	0.6260	13.03	109.00%	11.96	-0.0270	-0.0623	-0.0780	0.0257	0.0020	0.0000	-0.1396
Palisades	0.0000	[redacted]			-0.0002	-0.0034	-0.0048	0.0052	0.0002	0.0000	-0.0030
Paljay	0.0009	10.80	66.78%	16.18	-0.0117	-0.0305	-0.0578	0.0786	0.0048	-0.0043	-0.0209
Palm	0.0001	2.46	103.22%	2.39	-0.0023	-0.0057	-0.0153	0.0371	0.0016	-0.0040	0.0114
Palm City	0.0049	[redacted]			-0.0274	-0.0242	-0.0549	0.0197	0.0021	-0.0002	-0.0849
Palmer	0.0000	8.80	73.57%	11.96	-0.0143	-0.0013	-0.0144	0.1090	0.0022	-0.0002	0.0810
Palmetto	0.0000	10.62	88.86%	11.96	-0.0402	-0.0161	-0.0364	0.0312	0.0024	-0.0007	-0.0598
Palmview	17.7320	[redacted]			-0.3544	0.0000	-0.1120	0.0287	0.0097	-0.0019	-0.4299
Palo Brea	0.0057	9.98	83.50%	11.96	-0.0218	-0.0118	-0.0474	0.0465	0.0027	-0.0011	-0.0329
Paloma	0.0000	11.86	82.99%	14.29	-0.0187	-0.0057	-0.0247	0.1248	0.0021	-0.0018	0.0760
Palomar	0.0011	[redacted]			-0.0009	-0.0005	-0.0051	0.0188	0.0032	-0.0003	0.0152

Facility	2025 Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Ninth St	0.0009	[redacted]			-0.0008	-0.0063	-0.0063	0.0171	0.0013	0.0002	0.0052	0.0010	[redacted]	
Nipton	8.1271	[redacted]			-0.0235	-0.0267	-0.0547	0.0000	0.0024	-0.0015	-0.1040	8.1276	[redacted]	
Nisley	0.0000	4.92	30.43%	16.18	0.0000	0.0000	-0.0218	0.1834	0.0132	-0.0021	0.1727	0.0000	4.99	30.82%
Nisqually	0.4072	26.20	79.54%	32.93	-0.0407	0.0000	-0.1488	0.2340	0.0202	-0.0230	0.0417	0.4359	26.25	79.71%
No American	0.0000	7.15	59.82%	11.96	-0.0368	-0.0334	-0.0700	0.0906	0.0095	-0.0036	-0.0437	0.0000	7.12	59.56%
Noakes	0.0022	2.87	54.93%	5.22	-0.0056	-0.0075	-0.0133	0.0034	0.0033	-0.0002	-0.0199	0.0037	2.85	54.61%
Noche	0.0097	11.64	97.34%	11.96	-0.1551	-0.0059	-0.0323	0.0786	0.0079	-0.0003	-0.1071	0.0167	11.61	97.10%
Nocta	0.0000	2.46	84.05%	2.93	-0.0033	-0.0035	-0.0147	0.0324	0.0031	-0.0006	0.0134	0.0000	2.47	84.18%
Nogal	0.0000	0.60	56.24%	1.07	-0.0024	-0.0001	-0.0025	0.0214	0.0014	0.0000	0.0178	0.0000	0.61	56.85%
Nohl	0.0000	8.62	72.12%	11.96	-0.0454	-0.0057	-0.0287	0.1328	0.0046	0.0000	0.0576	0.0000	8.65	72.31%
Nomad	0.0000	[redacted]			-0.0012	-0.0343	-0.0549	0.0188	0.0021	0.0002	-0.0693	0.0000	[redacted]	
Nomex	0.0000	10.65	89.04%	11.96	-0.0127	-0.0149	-0.0542	0.1019	0.0060	-0.0015	0.0246	0.0276	10.67	89.27%
Nootka	0.0004	8.05	67.34%	11.96	-0.0782	-0.0354	-0.0920	0.2391	0.0046	-0.0006	0.0375	0.0004	8.07	67.52%
Nordic	0.2675	6.95	58.12%	11.96	0.0000	0.0000	-0.0163	0.0107	0.0141	-0.0018	0.0067	0.3627	7.06	59.05%
Norman	0.0000	2.74	93.40%	2.93	0.0000	0.0000	-0.0110	0.0652	0.0079	-0.0015	0.0606	0.0000	2.76	94.37%
Normandie	0.0017	2.88	98.24%	2.93	0.0000	0.0000	-0.0072	0.0899	0.0118	-0.0008	0.0937	0.0021	2.91	99.41%
North Adobe	0.0000	5.21	62.39%	8.35	-0.0413	-0.0180	-0.0326	0.0150	0.0024	-0.0005	-0.0750	0.0000	5.19	62.13%
North Beach	0.0003	2.19	74.87%	2.93	0.0000	0.0000	-0.0063	0.0844	0.0000	-0.0003	0.0778	0.0003	2.21	75.48%
North Shore	0.0003	5.78	92.37%	6.26	-0.0079	-0.0111	-0.0316	0.0291	0.0204	-0.0023	-0.0034	0.0005	5.80	92.57%
Northpark	0.0101	10.50	87.84%	11.96	-0.0679	-0.0614	-0.1276	0.1079	0.0059	-0.0006	-0.1437	0.0139	10.50	87.85%
Northridge	0.0006	1.27	43.26%	2.93	-0.0003	-0.0003	-0.0046	0.0308	0.0034	-0.0004	0.0286	0.0010	1.28	43.62%
Northside	0.0000	1.81	61.82%	2.93	-0.0046	-0.0163	-0.0173	0.0600	0.0019	-0.0003	0.0234	0.0000	1.84	62.78%
Norton	0.0000	[redacted]			-0.0119	-0.0618	-0.0770	0.0893	0.0035	-0.0003	-0.0582	0.2133	[redacted]	
Norwich	2.6669	14.64	90.52%	16.18	-0.0039	-0.0634	-0.0913	0.0605	0.0035	-0.0026	-0.0972	2.6819	14.62	90.39%
Norwood	0.0000	10.31	98.80%	10.43	-0.0310	-0.0094	-0.0406	0.0799	0.0054	-0.0006	0.0037	0.0000	10.31	98.80%
Nova	0.1559	[redacted]			-0.0750	-0.0088	-0.0444	0.0715	0.0090	-0.0047	-0.0524	0.1617	[redacted]	
Novac	1.3351	8.67	72.55%	11.96	-0.0907	-0.0107	-0.0544	0.1407	0.0078	-0.0005	-0.0078	2.3252	9.76	81.59%
Nozzle	0.0066	[redacted]			-0.0029	-0.0345	-0.0505	0.0121	0.0068	0.0008	-0.0682	0.0078	[redacted]	
Nubia	0.0069	9.10	76.14%	11.96	-0.0175	-0.0393	-0.0622	0.0826	0.0026	-0.0032	-0.0370	0.0086	9.11	76.16%
Nurses	0.3590	7.83	65.48%	11.96	-0.0053	-0.0746	-0.1202	0.0139	0.0024	-0.0006	-0.1844	0.3599	7.77	64.99%
Nusbaum	0.0002	[redacted]			-0.0312	-0.0339	-0.0834	0.0277	0.0025	-0.0006	-0.1189	0.0002	[redacted]	
Nutmeg	0.0000	7.03	58.78%	11.96	-0.0305	-0.0013	-0.0188	0.0597	0.0063	-0.0003	0.0151	0.0000	7.04	58.85%
Nylic	0.0001	1.43	63.38%	2.26	0.0000	0.0000	-0.0045	0.0374	0.0048	-0.0004	0.0373	0.0002	1.44	63.97%
Oak Creek	1.3328	[redacted]			-0.0118	-0.0099	-0.0170	0.0161	0.0008	0.0000	-0.0218	1.3929	[redacted]	
Oak Glen	0.0025	7.83	86.79%	9.02	-0.0321	-0.0124	-0.0467	0.1503	0.0047	-0.0053	0.0585	0.0033	7.86	87.18%
Oakdale	0.0057	[redacted]			-0.1663	-0.0302	-0.0606	0.1217	0.0052	0.0000	-0.1302	0.0278	[redacted]	
Oakhurst	0.0000	1.69	70.89%	2.39	-0.0014	-0.0088	-0.0104	0.0216	0.0022	-0.0008	0.0024	0.0000	1.69	70.85%
Oakland	0.3324	4.10	49.17%	8.35	-0.0177	-0.0222	-0.0196	0.0147	0.0040	0.0025	-0.0383	0.4633	4.23	50.71%
Oakwood	0.0028	2.79	95.31%	2.93	-0.0013	-0.0003	-0.0080	0.0585	0.0032	-0.0007	0.0514	0.0052	2.81	95.97%
Oban	0.0030	[redacted]			-0.0142	-0.0400	-0.0526	0.0175	0.0015	-0.0001	-0.0879	0.0049	[redacted]	
Oboe	0.0027	[redacted]			-0.0059	-0.0966	-0.1643	0.0337	0.0014	-0.0010	-0.2327	0.0088	[redacted]	
Observatory	0.0000	[redacted]			-0.0003	-0.0006	-0.0012	0.0023	0.0008	0.0000	0.0010	0.0000	[redacted]	
Obsidian	3.4074	[redacted]			-0.0311	-0.0292	-0.0507	0.0679	0.0031	-0.0009	-0.0409	3.8031	[redacted]	
Ocana	0.3940	7.59	63.46%	11.96	-0.0008	-0.0123	-0.0468	0.0351	0.0068	0.0006	-0.0174	0.3940	7.58	63.38%
Occidental	0.0000	2.53	15.90%	15.88	-0.0027	-0.0131	-0.0283	0.0514	0.0029	-0.0023	0.0079	0.0000	2.53	15.92%
Oceanic	0.0000	2.13	89.28%	2.39	-0.0024	-0.0047	-0.0131	0.0540	0.0026	-0.0007	0.0357	0.0000	2.14	89.49%
Octane	1.6183	11.54	93.39%	12.35	-0.0061	-0.0221	-0.0901	0.1960	0.0050	-0.0069	0.0758	1.6655	11.61	93.98%
Offside	1.4330	8.92	74.57%	11.96	-0.0257	-0.0663	-0.0678	0.0517	0.0030	-0.0017	-0.1068	1.5001	8.96	74.97%
Ohio	0.0000	2.61	89.03%	2.93	-0.0041	-0.0047	-0.0161	0.0584	0.0034	-0.0009	0.0360	0.0000	2.62	89.47%
Oil	0.0050	8.56	71.59%	11.96	-0.0157	-0.0915	-0.1106	0.0372	0.0028	-0.0009	-0.1787	0.0050	8.50	71.07%
Oilers	0.0001	8.70	72.76%	11.96	-0.0839	-0.0166	-0.0512	0.2875	0.0065	-0.0004	0.1419	0.0006	8.75	73.15%
Oilwell	0.0017	7.63	72.20%	10.57	-0.0098	-0.0748	-0.0990	0.0229	0.0032	-0.0003	-0.1578	0.0020	7.59	71.87%
Oklahoma	0.0000	9.40	78.61%	11.96	-0.0754	-0.0130	-0.0415	0.1370	0.0044	0.0000	0.0115	0.0000	9.42	78.79%
Olancha	0.0018	[redacted]			-0.0481	-0.0773	-0.0949	0.0353	0.0025	-0.0059	-0.1884	0.0035	[redacted]	
Old Dale	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Old Trails	0.0959	[redacted]			-0.2731	-0.0322	-0.0566	0.0432	0.0112	0.0014	-0.3061	0.1000	[redacted]	
Olds	0.0000	8.92	74.60%	11.96	-0.0358	-0.0029	-0.0240	0.0897	0.0039	0.0000	0.0309	0.0000	8.93	74.68%
Olive	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Oliver	0.6664	[redacted]			-0.2559	-0.0415	-0.1285	0.1535	0.0152	-0.0022	-0.2594	0.6664	[redacted]	
Olson	0.0955	14.30	88.37%	16.18	-0.0156	-0.1122	-0.0863	0.0546	0.0064	-0.0007	-0.1538	0.1010	14.25	88.10%
Olympiad	0.0024	11.03	92.22%	11.96	-0.0691	-0.0034	-0.0256	0.2549	0.0030	0.0000	0.1598	0.0041	11.08	92.67%
Olympus	1.2943	[redacted]			-0.0212	-0.0246	-0.0828	0.0405	0.0036	-0.0021	-0.0866	1.2943	[redacted]	
Omaha	0.0007	9.58	80.11%	11.96	-0.0279	-0.0201	-0.0529	0.1176	0.0101	-0.0021	0.0247	0.0012	9.59	80.17%
O'Malley	0.0071	9.24	77.27%	11.96	-0.0090	-0.0467	-0.0891	0.0412	0.0036	-0.0043	-0.1043	0.0083	9.19	76.90%
Omega	0.0097	9.63	80.56%	11.96	-0.0316	-0.0105	-0.0391	0.1882	0.0047	-0.0009	0.1108	0.0165	9.68	80.94%
Omicron	0.1212	9.63	80.58%	11.96	-0.0100	-0.0066	-0.0203	0.0965	0.0038	-0.0006	0.0628	0.1300	9.67	80.84%
Onaga	0.4770	8.02	67.05%	11.96	-0.0586	-0.0665	-0.0893	0.0262	0.0033	-0.0030	-0.1879	0.4876	7.97	66.65%
Onbord	0.0000	9.07	75.89%	11.96	-0.0569	-0.0232	-0.0493	0.1325	0.0056	-0.0013	0.0074	0.0000	9.07	75.86%
Onion	0.0000	9.03	75.56%	11.96	-0.0638	-0.0562	-0.0844	0.0322	0.0039	-0.0029	-0.1712	0.0000	8.99	75.18%
Opal	0.0000	1.28	53.63%	2.39	0.0000	0.0000	-0.0039	0.0683	0.0095	-0.0025	0.0714	0.0000	1.30	54.63%
Opportunity	0.0000	[redacted]			-0.0226	-0.0541	-0.0892	0.0363	0.0033	-0.0025	-0.1288	0.0000	[redacted]	
Ora	0.0015	1.91	94.58%	2.02	-0.0122	-0.0009	-0.0099	0.0503	0.0036	0.0000	0.0309	0.0017	1.92	95.06%
Orange Blossom	0.0005	5.50	54.86%	10.02	-0.0591	-0.0291	-0.0392	0.0345	0.0040	-0.0003	-0.0892	0.0008	5.47	54.61%
Orbiter	0.0000	[redacted]			-0.0079	-0.0081	-0.0705	0.1354	0.0061	-0.0022	0.0528	0.0000	[redacted]	
Orchardale	0.0069	7.21	60.28%	11.96	-0.0090	-0.0508	-0.0733	0.0296	0.0041	-0.0004	-0.0998	0.0093	7.18	60.04%
Orchid	0.0000	1.66	73.51%	2.26	0.0000	0.0000	-0.0043	0.0607	0.0156	-0.0013	0.0707	0.0000	1.68	74.60%
Oregon	0.0016	1.28	53.79%	2.39	-0.0019	-0.0089	-0.0110	0.0216	0.0024	-0.0002	0.0020	0.0000	1.28	53.82%
Oriole	0.0000	9.26	77.41%	11.96	-0.0537	-0.0992	-0.1015	0.0807	0.0055	-0.0006	-0.1688	0.0000	9.20	76.95%
Orion	-0.3507	9.95	61.49%	16.18	-0.0358	-0.0120	-0.0599	0.4469	0.0048	-0.0007	0.3433	-0.2363	10.18	62.91%
Orizaba	0.0046	8.98	75.13%	11.96	-0.0234	-0.0450	-0.0659	0.1759	0.0114	-0.0013	0.0517	0.0086	9.01	75.33%
Orlena	0.0000	2.73	93.09%	2.93	-0.0240	-0.0009	-0.0077	0.0496	0.0037	0.0005	0.0212	0.0000	0.00	0.00%
Orman	0.0002	0.07	4.49%	1.50	0.0000	0.0000	-0.0003	0.0000	0.0006	0.0000	0.0003	0.0000	0.07	4.51%
Orsatti	0.6285	2.26	77.02%	2.93	-0.0020	-0.0068	-0.0151	0.0497	0.0024	-0.0016	0.0266	0.7611	2.42	82.46%
Orvil	0.0029	8.51	71.14%	11.96	-0.0201	-0.0819	-0.0795	0.0529	0.0028	-0.0019	-0.1277	0.0032	8.46	70.79%
Osgood	0.0011	2.13	91.98%	2.31	-0.0038	-0.0010	-0.0129	0.0461	0.0043	-0.0018	0.0309	0.0015	2.14	92.44%
Oslo	0.0101	7.10	59.36%	11.96	-0.0231	-0.0059	-0.0465	0.2003	0.0084	-0.0068	0.1264	0.0161	7.14	59.75%
Osner	0.0010	9.57	80.06%	11.96	-0.0187	-0.0183	-0.0511	0.0275	0.0036	-0.0009	-0.0579	0.0017	9.56	79.94%
Ostran	0.0010	2.65	94.66%	2.80	-0.0094	-0.0056	-0.0160	0.0557	0.0027	-0.0018	0.0256	-0.0024	2.65	94.83%
Otis	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
O'Toole	0.0000	10.96	91.70%	11.96	-0.0308	-0.0182	-0.0614	0.1007	0.0047	-0.0027	-0.0077	0.0000	10.96	91.66%
Otter	0.0051	11.16	93.34%	11.96	-0.0217	-0.0701	-0.1170	0.0975	0.0036	-0.0039	-0.1116	0.0068	11.12	93.04%
Otto	0.0000	2.51	85.79%	2.93	-0.0155	-0.0009	-0.0071	0.0380	0.0034	0.0000	0.0179	0.0000	2.52	86.06%
Ottowa	0.0064	10.74	89.86%	11.96	-0.0351	-0.0559	-0.0894	0.0619	0.0032	-0.0031	-0.1184	0.0086	10.71	89.55%
Ounce	0.3687	[redacted]			-0.0162	-0.0087	-0.0328	0.0297	0.0036	-0.0006	-0.0250	0.3687	[redacted]	
Outlaw	1.2302	5.76	88.37%	6.52	-0.0259	-0.0085	-0.0239	0.0405	0.0035	-0.0006	-0.0149	1.3953	5.94	91.07%
Outpost	0.0068	10.32	86.33%	11.96	-0.0775	-0.0017	-0.0329	0.0327	0.0061	-0.0036	-0.0769	0.0090	10.31	86.24%
Outrigger	0.0000	5.72	47.85%	11.96	0.0000	0.0000	-0.0251	0.1787	0.0148	-0.0032	0.1652	0.0000	5.78	48.33%
Overall	62.0255	4.99	41.73%	11.96	-0.0208	-0.0154	-0.0231	0.0295	0.0032	-0.0007	-0.0273	86.5433	5.00	41.81%
Overhill	0.0000	2.61	88.96%	2.93	-0.0012	-0.0012	-0.0106	0.0717	0.0036	-0.0027	0.0596	0.0000	2.62	89.60%
Overland	0.0006	2.85	97.27%	2.93	0.0000	0.0000	-0.0082	0.0318	0.0136	-0.0022	0.0350	0.0007	2.86	97.68%
Overlook	0.0172	1.32	71.84%	1.83	-0.0122	-0.0054	-0.0105	0.0114	0.0014	-0.0004	-0.0157	0.0000	0.00	0.00%
Owens	6.3709	[redacted]			-0.0450	-0.0755	-0.1000	0.2271	0.0197	-0.0007	0.0256	7.7125	[redacted]	
Owl	0.0030	2.54	86.85%	2.93	-0.0080	0.0000	-0.0075	0.0497	0.0034	-0.0003	0.0373	0.0478	2.60	88.89%
Oxford	0.0004	1.81	61.72%	2.93	-0.0018	-0.0004	-0.0076	0.0561	0.0036	-0.0003	0.0496	0.0007	1.83	62.51%
Oxley	0.0000	2.32	79.24%	2.93	-0.0049	-0.0003	-0.0059	0.0660	0.0037	-0.0005	0.0581	0.0000	2.34	79.96%
Oxy	0.0000	9.10	76.11%	11.96	0.0000	0.0000	-0.0765	0.1221	0.0058	-0.0040	0.0474	0.0000	9.12	76.31%
Ozone	0.0000	1.01	48.51%	2.08	-0.0071	-0.0009	-0.0054	0.0775	0.0040	0.0003	0.0684	0.0000	1.03	49.64%
P & G	0.0010	[redacted]			0.0000	0.0000	-0.0043	0.0103	0.0067	-0.0004	0.0123	0.0018	[redacted]	
Pablo	0.0000	9.72	82.77%	11.74	-0.0429	-0.0459	-0.0634	0.1013	0.0041	-0.0007	-0.0475	0.0000	9.71	82.73%
Pachea	0.0059	9.43	78.85%	11.96	-0.0761	-0.0071	-0.0406	0.0256	0.0087	-0.0006	-0.0901	0.0079	9.38	78.46%
Pacifica	0.0000	[redacted]			-0.0229	-0.0313	-0.0639	0.0416	0.0044	-0.0010	-0.0731	0.0000	[redacted]	
Packard	0.0067	8.23	68.87%	11.96	-0.0348	-0.0446	-0.0781	0.0892	0.0051	-0.0021	-0.0653	0.0145	8.22	68.77%
Packwood	0.0000	9.45	84.86%	11.13	-0.0316	-0.0067	-0.0301	0.0339	0.0086	-0.0007	-0.0266	0.0000	9.44	84.81%
Pacoma	0.0012	2.37	99.29%	2.39	-0.0087	-0.0012	-0.0113	0.0671	0.0041	-0.0006	0.0494	0.0021	1.98	82.81%
Paddock	0.0110	12.97	91.85%	14.12	-0.0104	-0.0338	-0.0959	0.1720	0.0044	-0.0025	0.0338	0.0137	12.98	91.93%
Paddy	0.0073	8.28	69.21%	11.96	-0.0324	-0.0102	-0.0419	0.0300	0.0037	-0.0008	-0.0516	0.0098	8.26	69.10%
Padova	0.0033	8.66	72.42%	11.96	-0.0296	-0.0036	-0.0249	0.1884	0.0044	-0.0003	0.1344	0.0033	8.71	72.81%
Padre	3.1502	13.41	82.90%	16.18	-0.0031	-0.1112	-0.1434	0.0696	0.0027	-0.0016	-0.1870	3.1502	13.35	82.54%
Pago	0.0002	1.19	7.87%	15.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	1.19	7.87%
Pahute	0.0055	11.00	92.01%	11.96	-0.0578	-0.0228	-0.0526	0.0398	0.0032	-0.0001	-0.0903	0.0127	10.98	91.86%
Paige	0.0013	9.85	82.38%	11.96	-0.0258	-0.0147	-0.0486	0.0208	0.0053	-0.0044	-0.0674	0.0018	9.83	82.21%
Paint	0.0131	10.92	91.37%	11.96	-0.0654	-0.0028	-0.0423	0.0324	0.0047	-0.0002	-0.0736	0.0221	10.91	91.22%
Painter	0.0021	10.17	96.22%	10.57	-0.0228	-0.0238	-0.0784	0.1619	0.0063	-0.0046	0.0386	0.0024	10.18	96.31%
Pajaro	0.0000	[redacted]			-0.0331	-0.0170	-0.0420	0.1299	0.0036	-0.0006	0.0408	0.0000	[redacted]	
Palace	1.3563	11.02	92.20%	11.96	-0.0398	-0.0928	-0.1132	0.0391	0.0037	0.0000	-0.2030	1.8323	11.48	96.01%
Palisades	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]	
Paljay	0.0011	10.80	66.75%	16.18	-0.0179	-0.0461	-0.0849	0.1190	0.0091	-0.0064	-0.0272	0.0104	10.82	66.86%
Palm	0.0001	2.47	84.25%	2.93	-0.0039	-0.0098	-0.0226	0.0532	0.0030	-0.0053	0.0146	0.0001	2.47	84.45%
Palm City	0.0066	[redacted]			-0.0400	-0.0360	-0.0779	0.0308	0.0043	-0.0003	-0.1191	0.0082	[redacted]	
Palmer	0.0000	8.84	73.93%	11.96	-0.0209	-0.0019	-0.0223	0.1619	0.0043	-0.0003	0.1208	0.0000	8.88	74.27%
Palmetto	0.0001	10.60	88.65%	11.96	-0.0578	-0.0234	-0.0538	0.0483	0.0047	-0.0010	-0.0830	0.0001	10.57	88.44%
Palmview	28.6405	[redacted]			-0.5253	0.0000	-0.1641	0.0463	0.0198	-0.0026	-0.6259	57.6799	[redacted]	
Palo Brea	0.0080	9.99	83.55%	11.96	-0.0223	-0.0121	-0.0699	0.0724	0.0058	-0.0033	-0.0294	0.0136	10.00	83.63%
Paloma	0.0000	11.90	83.28%	14.29	-0.0282	-0.0086	-0.0369	0.1853	0.0042	-0.0027	0.1131	0.0000	11.94	83.52%
Palomar	0.0015	[redacted]			-0.0009	-0.0005	-0.0065	0.0292	0.0059	-0.0003	0.0269	0.0027	[redacted]	

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0009	-0.0076	-0.0082	0.0246	0.0020	0.0000	0.0099	0.0013	[redacted]			-0.0011	-0.0099	-0.0102	0.0302	0.0029	0.0001	0.0120	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0266	-0.0307	-0.0710	0.0000	0.0030	-0.0021	-0.1274	8.1290	[redacted]			-0.0294	-0.0350	-0.0859	0.0000	0.0036	-0.0028	-0.1495	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	0.0000	0.0000	-0.0279	0.2464	0.0179	-0.0027	0.2337	0.0000	5.05	31.21%	16.18	0.0000	0.0000	-0.0336	0.3067	0.0242	-0.0034	0.2939	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.0442	0.0000	-0.1907	0.3030	0.0304	-0.0328	0.0657	0.4800	26.31	79.89%	32.93	-0.0480	0.0000	-0.2319	0.3655	0.0418	-0.0448	0.0826	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0562	-0.0494	-0.0921	0.1133	0.0157	-0.0044	-0.0731	0.0000	7.09	59.28%	11.96	-0.0789	-0.0662	-0.1126	0.1363	0.0213	-0.0052	-0.1053	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	-0.0110	-0.0155	-0.0193	0.0049	0.0040	-0.0002	-0.0371	0.0078	2.85	54.69%	5.22	-0.0110	-0.0155	-0.0218	0.0058	0.0054	-0.0003	-0.0374	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2047	-0.0079	-0.0428	0.1029	0.0132	-0.0004	-0.1397	0.0342	11.59	96.97%	11.96	-0.2538	-0.0100	-0.0529	0.1257	0.0195	-0.0005	-0.1720	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0045	-0.0050	-0.0191	0.0414	0.0049	-0.0008	0.0169	0.0000	2.47	84.30%	2.93	-0.0057	-0.0066	-0.0234	0.0495	0.0072	-0.0010	0.0200	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0032	-0.0002	-0.0032	0.0280	0.0025	0.0000	0.0239	0.0000	0.61	57.46%	1.07	-0.0041	-0.0003	-0.0038	0.0342	0.0040	0.0000	0.0300	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0604	-0.0076	-0.0353	0.1742	0.0086	0.0000	0.0795	0.0000	8.67	72.50%	11.96	-0.0757	-0.0096	-0.0418	0.2132	0.0146	0.0000	0.1007	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0014	-0.0429	-0.0687	0.0267	0.0021	0.0004	-0.0838	0.0000	[redacted]			-0.0016	-0.0520	-0.0824	0.0346	0.0021	0.0006	-0.0987	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0185	-0.0229	-0.0701	0.1269	0.0092	-0.0019	0.0227	0.1377	10.80	90.30%	11.96	-0.0221	-0.0283	-0.0855	0.1536	0.0138	-0.0024	0.0291	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1078	-0.0477	-0.1188	0.3259	0.0077	-0.0008	0.0585	0.0004	8.10	67.78%	11.96	-0.1292	-0.0559	-0.1428	0.4031	0.0128	-0.0010	0.0870	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0212	0.0150	0.0203	-0.0023	0.0118	0.4414	7.15	59.81%	11.96	0.0000	0.0000	-0.0259	0.0191	0.0258	-0.0028	0.0162	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0137	0.0922	0.0111	-0.0018	0.0878	0.0000	2.79	95.31%	2.93	0.0000	0.0000	-0.0165	0.1179	0.0148	-0.0022	0.1140	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0094	0.1193	0.0172	-0.0011	0.1260	0.0029	2.24	76.33%	2.93	0.0000	0.0000	-0.0116	0.1472	0.0225	-0.0015	0.1566	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0538	-0.0243	-0.0426	0.0220	0.0044	-0.0007	-0.0950	0.0000	5.17	61.88%	8.35	-0.0657	-0.0309	-0.0523	0.0291	0.0068	-0.0009	-0.1139	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0083	0.1036	0.0000	-0.0004	0.0949	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	-0.0079	-0.0111	-0.0391	0.0387	0.0301	-0.0032	0.0075	0.0012	5.81	92.74%	6.26	-0.0079	-0.0111	-0.0463	0.0476	0.0382	-0.0041	0.0164	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0735	-0.0667	-0.1628	0.1491	0.0096	-0.0023	-0.1466	0.0263	10.51	87.90%	11.96	-0.0794	-0.0723	-0.1971	0.1858	0.0141	-0.0043	-0.1532	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0004	-0.0004	-0.0061	0.0399	0.0057	-0.0005	0.0382	0.0020	1.29	43.97%	2.93	-0.0005	-0.0005	-0.0075	0.0480	0.0081	-0.0006	0.0470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0046	-0.0163	-0.0198	0.0865	0.0057	-0.0013	0.0502	0.0000	1.86	63.63%	2.93	-0.0046	-0.0163	-0.0224	0.1098	0.0099	-0.0024	0.0740	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0160	-0.0834	-0.1000	0.1093	0.0057	-0.0004	-0.0848	1.0647	[redacted]			-0.0204	-0.1062	-0.1207	0.1432	0.0075	-0.0005	-0.0971	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0053	-0.0877	-0.1197	0.0780	0.0061	-0.0033	-0.1319	2.6819	14.59	90.16%	16.18	-0.0066	-0.1131	-0.1462	0.0951	0.0085	-0.0039	-0.1662	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0417	-0.0127	-0.0536	0.1040	0.0092	-0.0009	0.0043	0.0000	10.31	98.78%	10.43	-0.0534	-0.0161	-0.0663	0.1259	0.0140	-0.0012	0.0029	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0920	-0.0111	-0.0584	0.0930	0.0138	-0.0070	-0.0617	0.1617	[redacted]			-0.1088	-0.0135	-0.0722	0.1120	0.0202	-0.0096	-0.0719	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1216	-0.0144	-0.0696	0.1822	0.0124	-0.0008	-0.0118	3.3559	10.88	90.97%	11.96	-0.1533	-0.0183	-0.0844	0.2197	0.0186	-0.0011	-0.0188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0037	-0.0465	-0.0630	0.0168	0.0071	0.0010	-0.0883	0.0118	[redacted]			-0.0045	-0.0592	-0.0746	0.0215	0.0073	0.0012	-0.1083	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0212	-0.0483	-0.0802	0.1127	0.0044	-0.0044	-0.0370	0.0120	9.11	76.17%	11.96	-0.0250	-0.0577	-0.0983	0.1400	0.0071	-0.0053	-0.0392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0070	-0.1006	-0.1548	0.0191	0.0034	-0.0008	-0.2407	0.3627	7.71	64.46%	11.96	-0.0091	-0.1325	-0.1880	0.0236	0.0047	-0.0009	-0.3022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0389	-0.0436	-0.1074	0.0365	0.0041	-0.0008	-0.1501	0.0003	[redacted]			-0.0461	-0.0539	-0.1315	0.0445	0.0062	-0.0010	-0.1818	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0395	-0.0018	-0.0250	0.0777	0.0108	-0.0004	0.0218	0.0000	7.04	58.91%	11.96	-0.0477	-0.0023	-0.0310	0.0941	0.0162	-0.0005	0.0288	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0057	0.0494	0.0068	-0.0005	0.0500	0.0007	1.46	64.56%	2.26	0.0000	0.0000	-0.0069	0.0607	0.0091	-0.0007	0.0622	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0158	-0.0133	-0.0217	0.0214	0.0014	0.0000	-0.0280	1.3934	[redacted]			-0.0199	-0.0169	-0.0264	0.0267	0.0024	0.0000	-0.0341	0.00	0.00	0.00	0.00	0.00	[redacted]				
9.02	-0.0364	-0.0143	-0.0605	0.1997	0.0081	-0.0075	0.0891	0.0054	7.86	87.08%	9.02	-0.0600	-0.0248	-0.0743	0.2353	0.0113	-0.0081	0.0794	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2213	-0.0415	-0.0788	0.1715	0.0095	0.0000	-0.1606	0.1362	[redacted]			-0.2741	-0.0535	-0.0966	0.2217	0.0142	0.0000	-0.1883	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0020	-0.0126	-0.0137	0.0273	0.0036	-0.0010	0.0016	0.0000	1.69	70.81%	2.39	-0.0025	-0.0165	-0.0168	0.0329	0.0049	-0.0012	0.0008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0214	-0.0273	-0.0243	0.0191	0.0055	0.0029	-0.0455	0.9496	4.73	56.63%	8.35	-0.0266	-0.0355	-0.0287	0.0241	0.0066	0.0040	-0.0561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0017	-0.0004	-0.0106	0.0752	0.0053	-0.0009	0.0669	0.0115	2.83	96.73%	2.93	-0.0021	-0.0005	-0.0130	0.0900	0.0074	-0.0012	0.0806	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0188	-0.0540	-0.0677	0.0247	0.0023	-0.0002	-0.1137	0.0097	[redacted]			-0.0232	-0.0687	-0.0822	0.0320	0.0033	-0.0002	-0.1390	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0078	-0.1303	-0.2094	0.0454	0.0015	-0.0013	-0.3019	0.0241	[redacted]			-0.0096	-0.1660	-0.2526	0.0569	0.0016	-0.0016	-0.3713	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0004	-0.0008	-0.0016	0.0031	0.0008	0.0000	0.0011	0.0000	[redacted]			-0.0005	-0.0010	-0.0020	0.0039	0.0008	0.0000	0.0012	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0456	-0.0430	-0.0632	0.0860	0.0058	-0.0011	-0.0611	3.8031	[redacted]			-0.0607	-0.0576	-0.0753	0.1037	0.0090	-0.0013	-0.0822	0.00	0.00	0.41	0.83	0.80	[redacted]				
11.96	-0.0011	-0.0179	-0.0644	0.0485	0.0080	0.0006	-0.0263	0.3940	7.58	63.38%	11.96	-0.0011	-0.0179	-0.0752	0.0567	0.0109	0.0006	-0.0260	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0036	-0.0177	-0.0372	0.0664	0.0050	-0.0029	0.0100	0.0000	2.53	15.92%	15.88	-0.0045	-0.0224	-0.0456	0.0799	0.0071	-0.0035	0.0110	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0039	-0.0076	-0.0171	0.0656	0.0043	-0.0008	0.0405	0.0001	2.14	89.70%	2.39	-0.0056	-0.0105	-0.0207	0.0769	0.0060	-0.0009	0.0452	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
12.35	-0.0077	-0.0276	-0.1186	0.2544	0.0086	-0.0094	0.0997	1.6743	11.64	94.21%	12.35	-0.0094	-0.0334	-0.1453	0.3062	0.0122	-0.0122	0.1181	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0320	-0.0833	-0.0879	0.0712	0.0052	-0.0025	-0.1293	1.5073	8.94	74.73%	11.96	-0.0401	-0.1076	-0.1086	0.0878	0.0084	-0.0031	-0.1632	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0056	-0.0064	-0.0203	0.0754	0.0065	-0.0012	0.0484	0.0000	2.63	89.88%	2.93	-0.0073	-0.0081	-0.0244	0.0907	0.0102	-0.0015	0.0596	0.19	0.21	0.22	0.24	0.24	7.92%	8.75%	9.17%	10.00%	10.00%
11.96	-0.0212	-0.1235	-0.1444	0.0469	0.0046	-0.0014	-0.2390	0.0050	8.44	70.59%	11.96	-0.0271	-0.1572	-0.1747	0.0608	0.0062	-0.0019	-0.2939	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1161	-0.0224	-0.0629	0.3763	0.0123	-0.0005	0.1867	0.0023	8.79	73.50%	11.96	-0.1522	-0.0284	-0.0744	0.4598	0.0210	-0.0006	0.2252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0114	-0.0876	-0.1304	0.0329	0.0060	-0.0005	-0.1910	0.0028	7.56	71.55%	10.57	-0.0129	-0.1011	-0.1600	0.0419	0.0088	-0.0007	-0.2240	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0933	-0.0160	-0.0540	0.1867	0.0081	-0.0001	0.0314	0.0000	9.44	78.92%	11.96	-0.1129	-0.0192	-0.0663	0.2316	0.0129	-0.0002	0.0459	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0651	-0.1043	-0.1223	0.0508	0.0041	-0.0079	-0.2447	0.0081	[redacted]			-0.0840	-0.1325	-0.1498	0.0676	0.0062	-0.0100	-0.3025	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.3647	-0.0450	-0.0733	0.0598	0.0170	0.0020	-0.4042	0.1000	[redacted]			-0.4489	-0.0587	-0.0912	0.0770	0.0241	0.0017	-0.4960	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0489	-0.0039	-0.0313	0.1172	0.0066	0.0000	0.0397	0.0000	8.94	74.74%	11.96	-0.0637	-0.0050	-0.0382	0.1431	0.0102	0.0000	0.0464	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.3559	-0.0603	-0.1654	0.1953	0.0216	-0.0029	-0.3676	0.6664	[redacted]			-0.4501	-0.0808	-0.2015	0.2346	0.0295	-0.0035	-0.4718	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0206	-0.1514	-0.1099	0.0726	0.0088	-0.0008	-0.2013	0.1048	14.21	87.81%	16.18	-0.0253	-0.1926	-0.1330	0.0904	0.0130	-0.0010	-0.2485	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0930	-0.0046	-0.0336	0.3329	0.0053	-0.0001	0.2069	0.0082	11.13	93.09%	11.96	-0.1180	-0.0059	-0.0414	0.4061	0.0080	-0.0002	0.2486	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0295	-0.0354	-0.1065	0.0517	0.0055	-0.0027	-0.1169	1.2943	[redacted]			-0.0326	-0.0397	-0.1295	0.0628	0.0083	-0.0041	-0.1348	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0370	-0.0271	-0.0690	0.1518	0.0149	-0.0027	0.0309	0.0024	9.58	80.16%	11.96	-0.0501	-0.0380	-0.0816	0.1789	0.0226	-0.0029	0.0289	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0132	-0.0690	-0.1168	0.0519	0.0060	-0.0053	-0.1464	0.0109	9.15	76.55%	11.96	-0.0176	-0.0923	-0.1427	0.0624	0.0082	-0.0062	-0.1882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0416	-0.0142	-0.0508	0.2459	0.0078	-0.0012	0.1459	0.0334	9.73	81.40%	11.96	-0.0513	-0.0180	-0.0622	0.3002	0.0115	-0.0015	0.1787	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0134	-0.0089	-0.0264	0.1252	0.0063	-0.0007	0.0821	0.1393	9.69	81.08%	11.96	-0.0170	-0.0113	-0.0322	0.1512	0.0096	-0.0009	0.0994	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0769	-0.0897	-0.1156	0.0369	0.0056	-0.0039	-0.2436	0.5339	7.96	66.56%	11.96	-0.0950	-0.1139	-0.1417	0.0474	0.0085	-0.0049	-0.2996	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0765	-0.0326	-0.0633	0.1693	0.0091	-0.0016	0.0044	0.0000	9.07	75.84%	11.96	-0.0955	-0.0429	-0.0763	0.2042	0.0142	-0.0017	0.0020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0824	-0.0743	-0.1070	0.0461	0.0067	-0.0039	-0.2148	0.0000	8.94	74.78%	11.96	-0.1005	-0.0933	-0.1309	0.0597	0.0100	-0.0050	-0.2600	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0050	0.0890	0.0132	-0.0034	0.0938	0.0000	1.33	55.55%	2.39	0.0000	0.0000	-0.0061	0.1081	0.0171	-0.0044	0.1147	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0316	-0.0730	-0.1164	0.0480	0.0060	-0.0032	-0.1702	0.0000	[redacted]			-0.0423	-0.0929	-0.1410	0.0591	0.0087	-0.0040	-0.2124	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.02	-0.0171	-0.0012	-0.0131	0.0650	0.0063	0.0000	0.0399	0.0021	1.93	95.44%	2.02	-0.0229	-0.0015	-0.0161	0.0783	0.0090	0.0000	0.0468	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.02	-0.0778	-0.0388	-0.0505	0.0463	0.0065	-0.0003	-0.1146	0.0013	5.45	54.36%	10.02	-0.0971	-0.0490	-0.0609	0.0578	0.0088	-0.0002	-0.1406	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0105	-0.0109	-0.0936	0.1740	0.0109	-0.0030	0.0669	0.0000	[redacted]			-0.0130	-0.0139	-0.1108	0.2082	0.0184	-0.0040	0.0849	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0119	-0.0686	-0.0956	0.0394	0.0070	-0.0005	-0.1302	0.0139	7.15	59.82%	11.96	-0.0146	-0.0873	-0.1161	0.0491	0.0093	-0.0005	-0.1601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0057	0.0810	0.0202	-0.0018	0.0937	0.0000	1.71	75.92%	2.26	0.0000	0.0000	-0.0068	0.1050	0.0255	-0.0019	0.1218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0026	-0.0121	-0.0141	0.0281	0.0036	-0.0003	0.0026	0.0000	1.29	53.85%	2.39	-0.0033	-0.0154	-0.0169	0.0344	0.0048	-0.0004	0.0032	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0732	-0.1331	-0.1310	0.1086	0.0093	-0.0004	-0.2198	0.0000	9.14	76.48%	11.96	-0.0948	-0.1687	-0.1578	0.1371	0.0123	-0.0001	-0.2720	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0473	-0.0162	-0.0779	0.5778	0.0081	-0.0009	0.4436	-0.1602	10.35	64.00%	16.18	-0.0594	-0.0205	-0.0954	0.6961	0.0121	-0.0011	0.5318	3.00	3.00	1.50	0.00	0.00	20.99%	20.99%	10.50%	0.00%	0.00%
11.96	-0.0317	-0.0607	-0.0851	0.2329	0.0173	-0.0017	0.0710	0.0182	9.06	75.78%	11.96	-0.0370	-0.0701	-0.1059	0.3018	0.0272	-0.0035	0.1125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.50	0.0000	0.0000	-0.0004	0.0000	0.0009	0.0000	0.0005	0.0000	0.07	4.54%	1.50	0.0000	0.0000	-0.0005	0.0000	0.0013	0.0000	0.0008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0023	-0.0078	-0.0198	0.0658	0.0043	-0.0025	0.0377	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0267	-0.1105	-0.1011	0.0699	0.0046	-0.0025	-0.1663	0.0032	8.42	70.45%	11.96	-0.0330	-0.1407	-0.1211	0.0865	0.0066	-0.0031	-0.2048	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.31	-0.0042	-0.0011	-0.0172	0.0589	0.0068	-0.0028	0.0404	0.0022	2.15	92.90%	2.31	-0.0047	-0.0012	-0.0211	0.0712	0.0096	-0.0041	0.0497	0.60	0.60	0.60	0.60	0.60	26.09%	26.09%	26.09%	26.09%	26.09%
11.96	-0.0312	-0.0080	-0.0617	0.2586	0.0146	-0.0093	0.1630	0.0276	7.19	60.14%	11.96	-0.0398	-0.0102	-0.0757	0.3105	0.0210	-0.0123	0.1935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0247	-0.0247	-0.0658	0.0387	0.0060	-0.0012	-0.0717	0.0028	9.55	79.83%	11.96	-0.0308	-0.0314	-0.0800	0.0496	0.0091	-0.0015	-0.0850	0.00	0.20	0.17	0.15	0.11	0.00%	2.02%	1.72%	1.51%	1.11%
2.80	-0.0124	-0.0076	-0.0207	0.0719	0.0044	-0.0024	0.0332	-0.0058	2.66	95.04%	2.80	-0.0155	-0.0096	-0.0243	0.0865	0.0076	-0.0026	0.0421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0415	-0.0246	-0.0810	0.1303	0.0084	-0.0036	-0.0120	0.0000	10.95	91.60%	11.96	-0.0533	-0.0312	-0.0993	0.1571	0.0121	-0.0045	-0.0191	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0294	-0.0946	-0.1498	0.1277	0.0058	-0.0056	-0.1459	0.0100	11.09	92.76%	11.96	-0.0378	-0.1203	-0.1812	0.1561	0.0087	-0.0059	-0.1804	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0211	-0.0012	-0.0089	0.0502	0.0061	0.0000	0.0251	0.0000	2.53	86.29%	2.93	-0.0274	-0.0015	-0.0107	0.0617	0.0093	0.0000	0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0484	-0.0755	-0.1165	0.0848	0.0055	-0.0041	-0.1542	0.0127	10.67	89.24%	11.96	-0.0636	-0.0960	-0.1434	0.1069	0.0084	-0.0051	-0.1928	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0209	-0.0117	-0.0424	0.0391	0.0059	-0.0007	-0.0307	0.4577	[redacted]			-0.0252	-0.0149	-0.0519	0.0477	0.0090	-0.0008	-0.0361	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.52	-0.0346	-0.0115	-0.0311	0.0527	0.0057	-0.0008	-0.0196	1.4005	5.94	91.07%	6.52	-0.0433	-0.0146	-0.0378	0.0638	0.0084	-0.0011	-0.0246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0920	-0.0020	-0.0434	0.0440	0.0096	-0.0056	-0.0894	0.0146	10.30	86.15%	11.96	-0.1090	-0.0023	-0.0537	0.0542	0.0139	-0.0081	-0.1050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0315	0.2338	0.0213	-0.0042	0.2194	0.0000	5.83	48.80%	11.96	0.0000	0.0000	-0.0379	0.2850	0.0304	-0.0052	0.2723	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0288	-0.0216	-0.0297	0.0401	0.0050	-0.0008	-0.0358	86.5489	5.00	41.78%	11.96	-0.0370	-0.0281	-0.0361	0.0507	0.0072	-0.0008	-0.0441	12.28	13.54	58.63	84.54	84.54	102.68%	113.21%	490.22%	706.86%	706.86%
2.93	-0.0015	-0.0016	-0.0141	0.0922	0.0061	-0.0034	0.0777	0.0000	2.64	90.17%	2.93	-0.0018	-0.0020	-0.0173	0.1104	0.0087	-0.0042	0.0938	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0106	0.0415	0.0182	-0.0029	0.0462	0.0009	2.87	98.04%	2.93	0.0000	0.0000	-0.0128	0.0504	0.0221	-0.0037	0.0560	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0584	-0.1020	-0.1261	0.2939	0.0289	-0.0009	0.0354	8.4720	[redacted]			-0.0631	-0.1126	-0.1485	0.3597	0.0405	-0.0041	0.0719	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0117	0.0000	-0.0099	0.0635	0.0054	-0.0003	0.0470	0.2238	2.81	95.79%	2.93	-0.0160	0.0000	-0.0121	0.0760	0.0080	-0.0003	0.0556	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0018	-0.0004	-0.0090	0.0745	0.0081	-0.0004	0.0710	0.0015	1.85	63.28%	2.93	-0.0018	-0.0004	-0.0103	0.0920	0.0125	-0.0005	0.0915	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0057	-0.0004	-0.0078	0.0866	0.0055	-0.0009	0.0773	0.0000	2.36	80.69%	2.93	-0.0066	-0.0005	-0.0092	0.1049	0.0094	-0.0014	0.0966	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0961	0.1609	0.0092	-0.0047	0.0693	0.0000	9.14	76.41%	11.96	-0.0027	-0.0057	-0.1199	0.1987	0.0159	-0.0061	0.0802	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.08	-0.0095	-0.0012	-0.0073	0.1030	0.0053	0.0004	0.0907	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0054	0.0133	0.0101	-0.0006	0.0174	0.0040	[redacted]			0.0000	0.0000	-0.0066	0.0163	0.0129	-0.0008	0.0218	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.74	-0.0565	-0.0608	-0.0813	0.1404	0.0067	-0.0009	-0.0524	0.0000	9.70	82.65%	11.74	-0.0714	-0.0763	-0.1010	0.1774	0.0109	-0.0012	-0.0616	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1153	-0.0109	-0.0532	0.0319	0.0141	-0.0007	-0.1341	0.0146	9.34	78.13%	11.96	-0.1551	-0.0148	-0.0650	0.0378	0.0206	-0.0009	-0.1774	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0296	-0.0422	-0.0823	0.0542	0.0073	-0.0015	-0.0941	0.0000	[redacted]			-0.0359	-0.0537	-0.1006	0.0660	0.0108	-0.0020	-0.1154	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0462	-0.0602	-0.1008	0.1174	0.0086	-0.0027	-0.0839	0.0301	8.22	68.73%	11.96	-0.0570	-0.0764	-0.1246	0.1441	0.0139	-0.0034	-0.1034	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0428	-0.0090	-0.0380	0.0440	0.0148	-0.0009	-0.0319	0.0000	9.43	84.75%	11.13	-0.0553	-0.0114	-0.0456	0.0531	0.0220	-0.0011	-0.0383	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0105	-0.0014	-0.0152	0.0879	0.0065	-0.0012	0.0661	0.0042	1.99	83.53%	2.39	-0.0126	-0.0017	-0.0188	0.1064	0.0090	-0.0020	0.0803	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0136	-0.0456	-0.1265	0.2228	0.0076	-0.0033	0.0414	0.0195	12.99	92.02%	14.12	-0.0168	-0.0580	-0.1551	0.2701	0.0108	-0.0041	0.0469	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0433	-0.0138	-0.0536	0.0394	0.0059	-0.0010	-0.0664	0.0145	8.25	68.99%	11.96	-0.0551	-0.0175	-0.0651	0.0480	0.0087	-0.0012	-0.0822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0396	-0.0049	-0.0304	0.2443	0.0080	-0.0004	0.1770	0.0033	8.75	73.15%	11.96	-0.0504	-0.0062	-0.0359	0.2949	0.0126	-0.0005	0.2145	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0041	-0.1500	-0.1856	0.0932	0.0040	-0.0021	-0.2446	3.1502	13.29	82.18%	16.18	-0.0051	-0.1905	-0.2235	0.1164	0.0052	-0.0028	-0.3003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	1.19	7.87%	15.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0780	-0.0307	-0.0671	0.0567	0.0052	-0.0001	-0.1140	0.0399	10.99	91.88%	11.96	-0.1002	-0.0391	-0.0819	0.0733	0.0082	0.0000	-0.1397	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0347	-0.0199	-0.0633	0.0273	0.0093	-0.0058	-0.0871	0.0034	9.81	82.04%	11.96	-0.0444	-0.0253	-0.0780	0.0333	0.0143	-0.0068	-0.1069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0904	-0.0039	-0.0548	0.0430	0.0077	-0.0002	-0.0986	0.0438	10.90	91.17%	11.96	-0.1177	-0.0051	-0.0670	0.0532	0.0116	-0.0003	-0.1253	1.40	1.40	1.30	1.30	1.30	11.71%	11.71%	10.87%	10.87%	10.87%
10.57	-0.0307	-0.0321	-0.1026	0.2084	0.0107	-0.0061	0.0476	0.0030	10.18	96.38%	10.57	-0.0392	-0.0408	-0.1267	0.2519	0.0156	-0.0076	0.0532	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0442	-0.0229	-0.0544	0.1696	0.0061	-0.0008	0.0534	0.0000	[redacted]			-0.0556	-0.0291	-0.0661	0.2069	0.0092	-0.0009	0.0644	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0524	-0.1252	-0.1431	0.0518	0.0057	0.0000	-0.2632	1.8370	11.42	95.51%	11.96	-0.0646	-0.1594	-0.1712	0.0644	0.0083	-0.0001	-0.3226	5.87	7.70	4.05	5.41	5.22	56.71%	75.71%	39.82%	53.20%	51.33%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0205	-0.0523	-0.1110	0.1600	0.0157	-0.0102	-0.0183	0.0483	10.86	67.16%	16.18	-0.0235	-0.0589	-0.1352	0.1978	0.0225	-0.0144	-0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0046	-0.0117	-0.0297	0.0685	0.0052	-0.0073	0.0204	0.0001	2.48	84.67%	2.93	-0.0053	-0.0136	-0.0364	0.0839	0.0074	-0.0095	0.0265	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0518	-0.0485	-0.0997	0.0417	0.0072	-0.0004	-0.1515	0.0121	[redacted]			-0.0628	-0.0618	-0.1215	0.0522	0.0112	-0.0005	-0.1832	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0277	-0.0026	-0.0285	0.2092	0.0075	-0.0004	0.1575	0.0000	8.92	74.58%	11.96	-0.0347	-0.0033	-0.0344	0.2519	0.0117	-0.0005	0.1907	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0768	-0.0312	-0.0683	0.0640	0.0078	-0.0013	-0.1058	0.0001	10.55	88.22%	11.96	-0.0979	-0.0394	-0.0820	0.0787	0.0116	-0.0016	-0.1306	2.08	2.01	2.01	1.94	1.94	346.67%	335.00%	335.00%	323.33%	323.33%
[redacted]	-0.7038	0.0000	-0.2126	0.0647	0.0337	-0.0034	-0.8214	80.0983	[redacted]			-0.8852	0.0000	-0.2599	0.0829	0.0502	-0.0042	-1.0162	0.00	0.00	0.00	19.82	22.02	[redacted]				
11.96	-0.0227	-0.0124	-0.0909	0.0959	0.0097	-0.0054	-0.0258	0.0271	10.02	83.78%	11.96	-0.0231	-0.0127	-0.1102	0.1172	0.0138	-0.0077	-0.0227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0388	-0.0116	-0.0479	0.2394	0.0069	-0.0035	0.1445	0.0000	11.97	83.72%	14.29	-0.0509	-0.0147	-0.0574	0.2882	0.0106	-0.0044	0.1714	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0009	-0.0005	-0.0078	0.0393	0.0094	-0.0003	0.0392	0.0057	[redacted]			-0.0009	-0.0005	-0.0090	0.0490	0.0131	-0.0003	0.0514	0.00	0.00	0.00	0.00	0.00	[redacted]				

		2023											2024											2025										
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0869	-0.0077	-0.0390	0.1881	0.0085	-0.0056	0.0574	0.0260	9.07	75.86%	11.96	-0.0989	-0.0091	-0.0477	0.2281	0.0133	-0.0076	0.0781	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0280	-0.0549	-0.1109	0.0954	0.0048	-0.0031	-0.0967	0.0061	10.81	66.84%	16.18	-0.0359	-0.0698	-0.1348	0.1171	0.0075	-0.0039	-0.1198	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0381	-0.0634	0.0039	0.0032	0.0000	-0.0956	0.0000	[redacted]			-0.0014	-0.0486	-0.0780	0.0049	0.0032	0.0000	-0.1199	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0053	-0.0677	-0.1319	0.1503	0.0086	-0.0057	-0.0517	0.0065	11.22	69.38%	16.18	-0.0069	-0.0923	-0.1615	0.1782	0.0122	-0.0069	-0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0180	-0.0082	-0.0526	0.1645	0.0133	-0.0030	0.0960	0.0218	10.25	98.19%	10.43	-0.0180	-0.0082	-0.0626	0.2021	0.0184	-0.0038	0.1279	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0154	-0.0022	-0.0119	0.1097	0.0083	0.0000	0.0885	0.0025	2.07	86.65%	2.39	-0.0199	-0.0028	-0.0149	0.1322	0.0108	0.0000	0.1054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0003	-0.0001	-0.0491	0.2143	0.0144	-0.0056	0.1736	0.0032	9.97	61.62%	16.18	-0.0006	-0.0002	-0.0627	0.2516	0.0181	-0.0106	0.1956	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0124	-0.0707	-0.0852	0.0635	0.0089	0.0038	-0.0921	0.0020	[redacted]			-0.0160	-0.0900	-0.1013	0.0794	0.0114	0.0051	-0.1114	4.40	4.40	4.40	4.40	4.40	[redacted]				
2.26	-0.0093	-0.0007	-0.0091	0.0424	0.0050	-0.0004	0.0279	0.0000	1.78	78.82%	2.26	-0.0122	-0.0009	-0.0112	0.0511	0.0071	-0.0005	0.0334	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0144	-0.0016	-0.0246	0.2151	0.0061	-0.0004	0.1802	0.0001	7.03	58.81%	11.96	-0.0177	-0.0020	-0.0291	0.2594	0.0096	-0.0005	0.2197	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	0.0000	0.0000	-0.0075	0.0793	0.0194	-0.0018	0.0894	0.0000	1.99	93.23%	2.14	0.0000	0.0000	-0.0090	0.1033	0.0245	-0.0020	0.1168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0149	-0.1118	-0.1496	0.0338	0.0121	0.0001	-0.2303	9.7794	[redacted]			-0.0185	-0.1430	-0.1866	0.0418	0.0120	0.0001	-0.2942	7.70	9.30	11.70	14.80	16.20	[redacted]				
[redacted]	-0.0085	-0.0820	-0.1319	0.0235	0.0026	-0.0004	-0.1967	0.0098	[redacted]			-0.0111	-0.1115	-0.1595	0.0280	0.0033	-0.0004	-0.2512	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0202	-0.0582	-0.1033	0.0597	0.0074	-0.0008	-0.1154	0.4698	[redacted]			-0.0268	-0.0741	-0.1266	0.0780	0.0103	-0.0010	-0.1402	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0007	0.0000	-0.0010	0.0428	0.0075	0.0000	0.0486	0.0011	[redacted]			-0.0007	0.0000	-0.0012	0.0547	0.0094	0.0000	0.0622	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0436	-0.0073	-0.0293	0.1261	0.0047	-0.0008	0.0498	0.0075	7.89	55.87%	14.12	-0.0567	-0.0093	-0.0358	0.1552	0.0072	-0.0010	0.0596	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0138	-0.0766	-0.1401	0.0402	0.0086	-0.0063	-0.1880	0.0000	7.05	45.22%	15.59	-0.0173	-0.0927	-0.1715	0.0493	0.0125	-0.0080	-0.2277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1450	-0.0136	-0.0605	0.2577	0.0128	-0.0103	0.0411	3.2539	11.20	93.65%	11.96	-0.1699	-0.0157	-0.0741	0.3120	0.0187	-0.0161	0.0549	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.44	-0.0041	-0.0004	-0.0079	0.0333	0.0064	-0.0011	0.0262	0.0000	2.20	90.04%	2.44	-0.0054	-0.0005	-0.0098	0.0398	0.0088	-0.0015	0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1466	-0.0053	-0.0296	0.0772	0.0078	0.0000	-0.0965	0.0001	9.92	82.94%	11.96	-0.1816	-0.0067	-0.0364	0.0941	0.0118	0.0000	-0.1188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0163	-0.0792	-0.0988	0.1081	0.0088	-0.0035	-0.0809	0.7723	7.26	60.74%	11.96	-0.0208	-0.1009	-0.1193	0.1328	0.0132	-0.0038	-0.0988	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0569	-0.0133	-0.0358	0.0476	0.0086	-0.0004	-0.0502	0.0045	7.50	62.76%	11.96	-0.0717	-0.0169	-0.0435	0.0572	0.0131	-0.0005	-0.0623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0218	-0.0365	-0.0872	0.1873	0.0074	-0.0009	0.0483	0.0118	9.70	81.14%	11.96	-0.0262	-0.0452	-0.1063	0.2273	0.0111	-0.0013	0.0594	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0189	-0.0529	-0.0717	0.0698	0.0058	-0.0029	-0.0708	0.0000	7.06	59.05%	11.96	-0.0233	-0.0672	-0.0877	0.0851	0.0085	-0.0036	-0.0882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0609	-0.0098	-0.0723	0.2694	0.0081	-0.0005	0.1340	0.0356	15.24	94.19%	16.18	-0.0782	-0.0124	-0.0885	0.3308	0.0125	-0.0006	0.1636	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0761	-0.0277	-0.0568	0.0792	0.0084	-0.0007	-0.0737	0.0240	8.87	74.19%	11.96	-0.0958	-0.0361	-0.0691	0.0954	0.0128	-0.0008	-0.0936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0352	-0.0154	-0.0442	0.1376	0.0070	-0.0008	0.0490	0.0233	9.13	76.33%	11.96	-0.0444	-0.0196	-0.0542	0.1677	0.0103	-0.0010	0.0588	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0047	-0.0667	-0.0866	0.1026	0.0072	0.0005	-0.0477	0.0017	9.72	81.30%	11.96	-0.0058	-0.0854	-0.1050	0.1301	0.0089	0.0006	-0.0566	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0238	-0.0543	-0.1031	0.5674	0.0166	-0.0027	0.4001	0.4403	13.39	82.80%	16.18	-0.0322	-0.0739	-0.1281	0.6963	0.0212	-0.0026	0.4807	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.71	-0.0074	-0.0096	-0.0072	0.0079	0.0016	-0.0012	-0.0159	0.0035	1.63	44.08%	3.71	-0.0089	-0.0122	-0.0088	0.0098	0.0026	-0.0015	-0.0190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0266	-0.1605	-0.1306	0.0596	0.0049	0.0008	-0.2524	1.2175	10.73	89.74%	11.96	-0.0328	-0.1994	-0.1555	0.0764	0.0064	0.0031	-0.3018	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1869	-0.0068	-0.0471	0.2217	0.0101	-0.0006	-0.0096	0.4202	11.28	94.36%	11.96	-0.2273	-0.0084	-0.0578	0.2691	0.0157	-0.0008	-0.0095	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1351	-0.0410	-0.0721	0.1204	0.0153	-0.0021	-0.1146	0.0312	10.33	86.40%	11.96	-0.1699	-0.0521	-0.0878	0.1467	0.0234	-0.0026	-0.1423	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0190	-0.0632	-0.1254	0.1051	0.0072	-0.0031	-0.0984	0.8380	[redacted]			-0.0227	-0.0773	-0.1541	0.1296	0.0109	-0.0038	-0.1174	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0309	-0.0646	-0.1558	0.1422	0.0081	-0.0069	-0.1079	0.8483	13.93	86.10%	16.18	-0.0413	-0.0821	-0.1904	0.1717	0.0115	-0.0086	-0.1392	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0274	-0.0627	-0.1236	0.1240	0.0058	-0.0028	-0.0867	0.0074	10.01	83.71%	11.96	-0.0330	-0.0749	-0.1508	0.1542	0.0089	-0.0036	-0.0992	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0642	-0.0767	-0.0984	0.0524	0.0054	-0.0030	-0.1845	0.1677	10.39	86.90%	11.96	-0.0780	-0.0975	-0.1192	0.0667	0.0086	-0.0038	-0.2232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0036	-0.0201	-0.0683	0.0923	0.0072	-0.0014	0.0061	1.5868	[redacted]			-0.0041	-0.0232	-0.0842	0.1131	0.0096	-0.0019	0.0093	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0127	-0.0236	-0.1189	0.1243	0.0051	-0.0057	-0.0315	6.2662	6.84	57.23%	11.96	-0.0157	-0.0300	-0.1434	0.1636	0.0076	-0.0073	-0.0252	3.22	3.37	3.43	3.48	3.52	30.87%	32.31%	32.89%	33.37%	33.75%
14.12	-0.0484	-0.0392	-0.0718	0.1665	0.0105	-0.0019	0.0157	0.0000	12.22	86.57%	14.12	-0.0602	-0.0504	-0.0882	0.2031	0.0149	-0.0022	0.0170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.04	42.18%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0002	-0.0001	-0.0460	0.4965	0.0166	-0.0054	0.4614	0.0042	13.41	82.88%	16.18	-0.0002	-0.0001	-0.0553	0.6260	0.0240	-0.0055	0.5889	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0130	-0.1096	-0.1339	0.0417	0.0017	-0.0016	-0.2147	1.4149	10.15	84.89%	11.96	-0.0157	-0.1394	-0.1598	0.0526	0.0024	-0.0020	-0.2619	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.02	0.0000	0.0000	-0.0073	0.0459	0.0122	0.0000	0.0508	0.0048	1.67	82.64%	2.02	0.0000	0.0000	-0.0090	0.0572	0.0160	0.0000	0.0642	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0539	-0.0716	0.0373	0.0859	0.0007	-0.0024	0.0011	[redacted]			-0.0010	-0.0687	-0.0875	0.0464	0.0854	0.0009	-0.0245	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0144	-0.0036	-0.0412	0.1365	0.0139	-0.0039	0.0873	0.0000	2.77	23.15%	11.96	-0.0144	-0.0036	-0.0478	0.1632	0.0205	-0.0045	0.1134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0408	-0.0097	-0.0381	0.0510	0.0066	-0.0073	-0.0383	0.0018	5.58	66.79%	8.35	-0.0415	-0.0099	-0.0457	0.0621	0.0095	-0.0097	-0.0352	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1975	-0.0137	-0.0763	0.1617	0.0132	-0.0085	-0.1211	0.0000	9.85	94.44%	10.43	-0.2217	-0.0158	-0.0929	0.1977	0.0205	-0.0126	-0.1248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	-0.0020	-0.0016	-0.0097	0.0166	0.0043	-0.0008	0.0068	0.0033	1.42	66.26%	2.14	-0.0024	-0.0019	-0.0118	0.0202	0.0064	-0.0010	0.0095	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0709	-0.0685	-0.1284	0.1377	0.0055	-0.0037	-0.1283	0.0000	11.75	72.65%	16.18	-0.0931	-0.0871	-0.1601	0.1695	0.0091	-0.0046	-0.1663	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0264	-0.0008	-0.0092	0.0719	0.0046	0.0000	0.0401	0.0000	2.81	95.93%	2.93	-0.0347	-0.0010	-0.0109	0.0878	0.0078	0.0000	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0058	-0.0542	-0.0627	0.0109	0.0011	0.0000	-0.1107	0.0009	[redacted]			-0.0072	-0.0690	-0.0770	0.0135	0.0011	0.0000	-0.1386	0.56	0.56	0.56	0.56	0.52	[redacted]				
[redacted]	-0.0124	-0.0845	-0.1058	0.3545	0.0038	-0.0001	0.1555	0.0024	[redacted]			-0.0161	-0.1076	-0.1242	0.4663	0.0068	-0.0001	0.2251	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.80	0.0000	0.0000	-0.0008	0.0186	0.0182	-0.0004	0.0356	0.0000	0.35	44.21%	0.80	0.0000	0.0000	-0.0010	0.0228	0.0228	-0.0004	0.0442	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.74	-0.0072	0.0000	-0.0032	0.0024	0.0156	-0.0004	0.0072	0.0037	1.73	99.47%	1.74	-0.0180	0.0000	-0.0040	0.0029	0.0213	0.0014	0.0036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0066	-0.0133	-0.0897	0.1184	0.0090	-0.0048	0.0130	0.9216	9.08	75.91%	11.96	-0.0082	-0.0169	-0.1115	0.1432	0.0139	-0.0062	0.0143	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0513	-0.0385	-0.0669	0.1464	0.0057	-0.0032	-0.0078	0.0000	8.48	70.89%	11.96	-0.0666	-0.0489	-0.0819	0.1788	0.0084	-0.0040	-0.0142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.95	0.0000	0.0000	-0.0041	0.0869	0.0088	0.0000	0.0916	0.0000	1.24	63.52%	1.95	0.0000	0.0000	-0.0050	0.1076	0.0117	0.0000	0.1143	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.1800	0.2096	0.0090	-0.0021	0.0365	0.0000	5.89	49.30%	11.96	0.0000	0.0000	-0.2012	0.3483	0.0139	-0.0020	0.1590	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0374	-0.0045	-0.0600	0.0667	0.0076	-0.0053	-0.0329	0.0234	8.80	73.64%	11.96	-0.0622	-0.0070	-0.0738	0.0789	0.0110	-0.0054	-0.0585	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0182	-0.0319	-0.0725	0.1178	0.0074	-0.0035	-0.0009	0.0001	8.01	67.02%	11.96	-0.0219	-0.0395	-0.0885	0.1428	0.0111	-0.0049	-0.0009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0171	-0.1351	-0.0983	0.0611	0.0009	-0.0007	-0.1892	0.1887	9.89	82.72%	11.96	-0.0213	-0.1738	-0.1219	0.0790	0.0010	-0.0008	-0.2378	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0061	-0.0270	-0.1557	0.0872	0.0060	-0.0040	-0.0996	0.0000	11.24	69.46%	16.18	-0.0081	-0.0343	-0.1908	0.1089	0.0083	-0.0053	-0.1213	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0542	-0.0324	-0.0584	0.0854	0.0071	-0.0026	-0.0551	1.0192	11.90	99.49%	11.96	-0.0725	-0.0417	-0.0716	0.1057	0.0099	-0.0031	-0.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
17.25	-0.0045	0.0000	0.0000	0.0082	0.0000	-0.0007	0.0030	0.0000	7.01	40.62%	17.25	-0.0054	0.0000	0.0000	0.0098	0.0000	-0.0009	0.0035	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0019	-0.0028	-0.0167	0.0430	0.0046	-0.0030	0.0232	0.0004	2.56	87.45%	2.93	-0.0025	-0.0035	-0.0205	0.0515	0.0065	-0.0038	0.0277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0182	-0.1203	-0.1540	0.1017	0.0042	-0.0048	-0.1914	0.6055	8.82	62.48%	14.12	-0.0222	-0.1521	-0.1878	0.1289	0.0059	-0.0062	-0.2335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0015	-0.0064	-0.0174	0.0620	0.0038	-0.0013	0.0392	0.0000	2.19	74.76%	2.93	-0.0015	-0.0066	-0.0210	0.0752	0.0057	-0.0016	0.0502	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0041	-0.0515	-0.0558	0.0019	0.0363	0.0001	-0.0731	9.1294	[redacted]			-0.0053	-0.0708	-0.0710	0.0023	0.0361	0.0001	-0.1086	0.00	2.54	6.61	7.61	7.59	[redacted]				
11.96	-0.0511	-0.0127	-0.0309	0.1128	0.0061	-0.0002	0.0240	0.0063	8.34	69.79%	11.96	-0.0666	-0.0164	-0.0377	0.1369	0.0091	-0.0002	0.0251	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0113	-0.1132	-0.1226	0.0329	0.0022	0.0021	-0.2099	2.5382	10.93	91.40%	11.96	-0.0140	-0.1442	-0.1482	0.0409	0.0023	0.0027	-0.2605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0127	-0.1495	-0.2337	0.0478	0.0051	-0.0021	-0.3451	0.0063	[redacted]			-0.0162	-0.1902	-0.2857	0.0593	0.0069	-0.0026	-0.4285	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0403	-0.0016	-0.0335	0.0881	0.0054	-0.0012	0.0169	0.0251	7.46	62.42%	11.96	-0.0464	-0.0019	-0.0408	0.1075	0.0079	-0.0026	0.0237	0.01	0.03	0.03	0.03	0.03	1.67%	5.00%	5.00%	5.00%	5.00%
11.96	-0.0320	-0.0530	-0.0808	0.1504	0.0077	-0.0029	-0.0106	0.0010	8.74	73.10%	11.96	-0.0370	-0.0625	-0.0992	0.1881	0.0120	-0.0038	-0.0024	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0244	-0.0085	-0.0789	0.3676	0.0123	-0.0054	0.2627	0.0079	9.73	81.34%	11.96	-0.0311	-0.0108	-0.0969	0.4418	0.0175	-0.0073	0.3132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0526	-0.0285	-0.0710	0.1048	0.0087	-0.0011	-0.0397	0.3627	8.26	69.08%	11.96	-0.0625	-0.0339	-0.0878	0.1302	0.0136	-0.0015	-0.0419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0085	-0.0041	-0.0438	0.0770	0.0083	-0.0045	0.0244	0.0000	8.42	70.45%	11.96	-0.0107	-0.0052	-0.0537	0.0923	0.0124	-0.0058	0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0109	-0.1832	-0.3031	0.0434	0.0070	0.0012	-0.4456	0.0014	[redacted]			-0.0134	-0.2216	-0.3638	0.0565	0.0096	0.0024	-0.5303	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0808	-0.0217	-0.0625	0.3916	0.0084	-0.0029	0.2321	0.0009	8.83	73.86%	11.96	-0.1091	-0.0289	-0.0746	0.4735	0.0131	-0.0030	0.2710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0278	-0.0694	-0.1263	0.0734	0.0072	-0.0013	-0.1442	0.0000	[redacted]			-0.0344	-0.0884	-0.1533	0.0895	0.0106	-0.0016	-0.1776	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0175	-0.0850	-0.2600	0.0942	0.0083	-0.0012	-0.2612	0.4076	[redacted]			-0.0229	-0.1082	-0.3193	0.1193	0.0116	-0.0015	-0.3210	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2014	-0.0186	-0.0609	0.1238	0.0082	0.0003	-0.1486	0.6009	9.13	76.39%	11.96	-0.2172	-0.0200	-0.0738	0.1551	0.0127	-0.0036	-0.1468	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0128	-0.1141	-0.1280	0.0653	0.0073	0.0048	-0.1775	0.2212	[redacted]			-0.0159	-0.1445	-0.1474	0.0828	0.0127	0.0068	-0.2055	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0422	-0.0679	-0.0969	0.0094	0.0070	-0.0009	-0.1915	0.0209	7.72	64.60%	11.96	-0.0525	-0.0864	-0.1177	0.0120	0.0098	-0.0012	-0.2360	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0789	-0.0301	-0.0610	0.1967	0.0084	-0.0008	0.0343	0.0158	10.94	91.54%	11.96	-0.1010	-0.0383	-0.0741	0.2400	0.0125	-0.0010	0.0381	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0381	-0.0737	-0.1086	0.1327	0.0066	-0.0016	-0.0827	0.0000	9.86	82.50%	11.96	-0.0485	-0.0965	-0.1281	0.1642	0.0122	-0.0015	-0.0982	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	0.0000	0.0000	-0.0087	0.0063	0.0125	-0.0050	0.0051	0.0000	3.49	50.14%	6.96	0.0000	0.0000	-0.0105	0.0078	0.0167	-0.0059	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.20	-0.0321	-0.0552	-0.0804	0.1767	0.0180	-0.0045	0.0225	0.0000	7.42	80.70%	9.20	-0.0398	-0.0670	-0.0985	0.2170	0.0258	-0.0057	0.0318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.52	-0.0419	-0.0128	-0.0249	0.0138	0.0038	-0.0006	-0.0626	0.1470	3.93	60.19%	6.52	-0.0503	-0.0159	-0.0308	0.0167	0.0057	-0.0008	-0.0754	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0272	-0.0004	-0.0117	0.0129	0.0047	0.0000	-0.0217	0.0000	2.42	82.53%	2.93	-0.0360	-0.0006	-0.0144	0.0157	0.0073	0.0000	-0.0280	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0548	-0.0511	-0.0832	0.2203	0.0084	-0.0043	0.0353	0.0000	9.81	82.07%	11.96	-0.0679	-0.0649	-0.1018	0.2699	0.0125	-0.0054	0.0424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0589	-0.0596	-0.1134	0.0507	0.0080	-0.0027	-0.1759	0.0941	10.84	90.66%	11.96	-0.0741	-0.0758	-0.1385	0.0619	0.0118	-0.0036	-0.2183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0147	-0.0038	-0.0315	0.0504	0.0050	-0.0046	0.0008	0.0098	5.39	64.58%	8.35	-0.0155	-0.0041	-0.0384	0.0621	0.0070	-0.0062	0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0814	-0.0237	-0.0608	0.1507	0.0076	-0.0017	-0.0093	0.0004	11.08	92.65%	11.96	-0.1085	-0.0301	-0.0745	0.1839	0.0113	-0.0021	-0.0200	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0537	-0.1246	-0.1163	0.0036	0.0034	0.0014	-0.2862	8.6986	[redacted]			-0.0713	-0.1604	-0.1373	0.0045	0.0033	0.0021	-0.3591	0.00	0.00	2.80	2.72	2.63	[redacted]				
[redacted]	-0.0447	-0.0643	-0.0809	0.0852	0.0060	0.0077	-0.0910	0.1871	[redacted]			-0.0555	-0.0819	-0.0993	0.1098	0.0085	0.0097	-0.1087	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0706	-0.0494	-0.0857	0.1290	0.0087	-0.0043	-0.0723	0.0001	10.03	83.90%	11.96	-0.0930	-0.0627	-0.1049	0.1574	0.0128	-0.0054	-0.0958	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0048	-0.0727	-0.0804	0.0698	0.0044	-0.0004	-0.0841	1.9579	8.62	54.28%	15.88	-0.0059	-0.0926	-0.0961	0.0894	0.0058	-0.0005	-0.0999	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.61	-0.0160	-0.0978	-0.3109	0.0627	0.0078	-0.0033	-0.3575	0.0040	6.97	91.60%	7.61	-0.0178	-0.1089	-0.3795	0.0762	0.0119	-0.0047	-0.4228	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0408	-0.0052	-0.0222	0.0586	0.0069	-0.0003	-0.0030	7.7092	8.71	72.88%	11.96	-0.0566	-0.0071	-0.0260	0.0694	0.0106	-0.0003	-0.0100	0.00	0.00	2.61	3.17	3.17	0.00%	0.00%	36.61%	44.46%	44.46%
1.74	-0.0112	0.0000	-0.0038	0.0411	0.0035	-0.0029	0.0267	0.0000	1.06	61.09%	1.74	-0.0145	0.0000	-0.0047	0.0495	0.0053	-0.0037	0.0319	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0229	-0.0571	-0.0834	0.0147	0.0030	-0.0048	-0.1505	1.8543	10.20	85.30%	11.96	-0.0291	-0.0729	-0.1022	0.0180	0.0048	-0.0059	-0.1873	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0282	-0.0092	-0.0334	0.1250	0.0079	-0.0009	0.0612	0.0105	7.45	62.31%	11.96	-0.0370	-0.0125	-0.0409	0.1490	0.0114	-0.0011	0.0689	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0780	-0.0102	-0.0345	0.1873	0.0089	-0.0008	0.0727	9.9961	10.14	84.77%	11.96	-0.0862	-0.0116	-0.0422	0.2293	0.0129	-0.0025	0.0997	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0061	-0.1212	-0.1567	0.0050	0.0940	0.0000	-0.1850	0.0225	[redacted]			-0.0074	-0.1545	-0.1924	0.0062	0.0932	0.0000	-0.2549	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0548	-0.0426	-0.0879	0.4285	0.0083	0.0000	0.2515	0.2801	10.65	89.04%	11.96	-0.0677	-0.0542	-0.1081	0.5405	0.0120	0.0000	0.3225	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0277	-0.0291	-0.0911	0.1489	0.0105	-0.0134	-0.0019	0.0000	14.20	87.80%	16.18	-0.0405	-0.0402	-0.1123	0.1785	0.0147	-0.0158	-0.0156	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0332	-0.0330	-0.0590	0.1399	0.0040	-0.0002	0.0185	0.0002	7.14	59.75%	11.96	-0.0431	-0.0427	-0.0718	0.1688	0.0059	-0.0002	0.0169	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0390	-0.0146	-0.0484	0.1085	0.0044	-0.0019	0.0090	0.0004	[redacted]			-0.0459	-0.0177	-0.0585	0.1349	0.0066	-0.0022	0.0172	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0134	-0.0305	-0.0494	0.1551	0.0054	-0.0027	0.0645	0.0000	8.25	51.02%	16.18	-0.0169	-0.0387	-0.0601	0.1894	0.0081	-0.0029	0.0789	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0011	-0.0027	-0.0056	0.0313	0.0025	-0.0002	0.0242	0.0000	0.60	20.45%	2.93	-0.0012	-0.0030	-0.0067	0.0393	0.0042	-0.0004	0.0322	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0087	-0.0084	-0.0111	0.0111	0.0052	0.0027	-0.0092	0.1125	[redacted]			-0.0107	-0.0107	-0.0137	0.0142	0.0062	0.0029	-0.0118	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.2437	-0.0390	-0.0698	0.2917	0.0072	-0.0003	-0.0539	0.0067	10.05	96.34%	10.43	-0.2977	-0.0497	-0.0846	0.3582	0.0109	-0.0004	-0.0633	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0129	-0.0013	-0.0088	0.0643	0.0049	0.0000	0.0462	0.0010	2.75	96.78%	2.84	-0.0163	-0.0016	-0.0108	0.0782	0.0074	0.0000	0.0569	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1277	-0.0155	-0.0582	0.1117	0.0117	-0.0008	-0.0788	0.0265	[redacted]			-0.1562	-0.0197	-0.0716	0.1348	0.0179	-0.0010	-0.0958	0.26	0.24	0.22	0.24	0.20	[redacted]				
[redacted]	-0.0155	-0.0909	-0.0546	0.0174	0.0099	0.0016	-0.1321	0.8545	[redacted]			-0.0187	-0.1155	-0.0668	0.0216	0.0122	0.0020	-0.1652	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0558	-0.0518	-0.1012	0.2854	0.0096	-0.0026	0.0836	0.0000	9.72	81.29%	11.96	-0.0692	-0.0658	-0.1239	0.3486	0.0142	-0.0033	0.1006	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0047	-0.1118	-0.1538	0.0459	0.0028	-0.0004	-0.2220	2.0347	11.64	71.95%	16.18	-0.0049	-0.1183	-0.1879	0.0609	0.0038	-0.0008	-0.2472	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.57	0.0000	0.0000	-0.0026	0.0249	0.0008	0.0003	0.0234	0.0002	1.98	43.41%	4.57	0.0000	0.0000	-0.0031	0.0311	0.0008	0.0004	0.0292	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.30	0.0000	0.0000	-0.0209	0.0236	0.0293	-0.0049	0.0271	0.0059	3.14	49.73%	6.30	0.0000	0.0000	-0.0256	0.0288	0.0364	-0.0062	0.0334	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0577	-0.0162	-0.0670	0.2000	0.0083	-0.0019	0.0655	0.0000	10.11	84.56%	11.96	-0.0755	-0.0206	-0.0813	0.2408	0.0124	-0.0022	0.0736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.65	-0.0215	-0.0035	-0.0206	0.0443	0.0072	-0.0009	0.0050	0.0275	2.51	94.74%	2.65	-0.0290	-0.0044	-0.0253	0.0533	0.0102	-0.0011	0.0037	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1332	-0.0205	-0.0685	0.0747	0.0094	-0.0006	-0.1387	3.6133	9.81	82.02%	11.96	-0.1600	-0.0254	-0.0840	0.0907	0.0146	-0.0008	-0.1649	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0191	-0.1353	-0.1153	0.0560	0.0036	-0.0041	-0.2142	0.0098	[redacted]			-0.0236	-0.1716	-0.1391	0.0708	0.0048	-0.0046	-0.2633	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0055	-0.0238	-0.0234	0.0129	0.0031	0.0000	-0.0367	0.3075	[redacted]			-0.0068	-0.0303	-0.0285	0.0160	0.0039	0.0000	-0.0457	0.00	0.00	0.00	0.00	0.00	[redacted]				
9.67	-0.0136	-0.0589	-0.0415	0.0353	0.0011	0.0009	-0.0767	0.0035	3.98	41.14%	9.67	-0.0169	-0.0754	-0.0506	0.0436	0.0013	0.0008	-0.0972	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0054	-0.0358	0.0630	0.0326	-0.0001	0.0519	0.8441	[redacted]			-0.0032	-0.0069	-0.0435	0.0793	0.0418	0.0001	0.0676	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.6029	0.0000	-0.1155	0.1976	0.0203	-0.0006	-0.5011	0.0704	[redacted]			-0.6366	0.0000	-0.1423	0.2522	0.0327	-0.0099	-0.5039	0.00	0.00	0.00	0.00	0.00	[redacted]				
13.09	0.0000	0.0000	-0.0392	0.3965	0.0534	-0.0084	0.4023	0.0123	9.38	71.68%	13.09	0.0000	0.0000	-0.0462	0.5065	0.0681	-0.0093	0.5191	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1297	-0.0421	-0.0684	0.0664	0.0058	-0.0044	-0.1724	0.0168	8.06	76.26%	10.57	-0.1606	-0.0535	-0.0838	0.0860	0.0091	-0.0055	-0.2083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0359	-0.0155	-0.0416	0.1006	0.0077	-0.0001	0.0152	0.0022	7.55	63.16%	11.96	-0.0444	-0.0197	-0.0511	0.1252	0.0118	-0.0002	0.0216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

2023

Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Piper		0.0004	9.35	78.21%	11.96	-0.0114	-0.0202	-0.0279	0.0070	0.0005	-0.0002	-0.0522
Pirate		0.0004	12.29	77.41%	15.88	-0.0107	-0.0162	-0.0283	0.0196	0.0007	-0.0015	-0.0364
Pisces		0.8355	[redacted]			-0.0024	-0.0220	-0.0332	0.0066	0.0002	-0.0001	-0.0509
Pistachio		0.0001	[redacted]			-0.0103	-0.0280	-0.0397	0.0296	0.0005	-0.0014	-0.0493
Pistola	GNA_2023_84	0.2105	11.57	96.76%	11.96	-0.0158	-0.0183	-0.0292	0.0122	0.0008	-0.0006	-0.0509
Piston		0.7400	11.61	82.26%	14.12	-0.0138	-0.0240	-0.0300	0.1707	0.0031	-0.0005	0.1055
Pit		0.0002	[redacted]			-0.0001	-0.0030	-0.0039	0.0010	0.0117	0.0000	0.0057
Pitzer		0.0000	7.41	61.95%	11.96	-0.0079	-0.0115	-0.0156	0.0345	0.0006	-0.0015	-0.0014
Piuma		0.0000	1.93	80.81%	2.39	-0.0053	-0.0001	-0.0025	0.0111	0.0009	-0.0001	0.0040
Place		0.0003	10.30	86.15%	11.96	-0.0034	-0.0197	-0.0292	0.0224	0.0005	-0.0009	-0.0303
Placerita		0.0000	[redacted]			-0.0084	-0.0164	-0.0473	0.0165	0.0004	-0.0001	-0.0553
Placid		0.0002	10.67	89.21%	11.96	-0.0415	-0.0140	-0.0252	0.0452	0.0012	-0.0010	-0.0353
Plano		0.0000	5.76	48.20%	11.96	-0.0051	-0.0089	-0.0252	0.0085	0.0006	-0.0006	-0.0307
Plasma		0.0004	10.19	85.23%	11.96	-0.0449	-0.0020	-0.0094	0.0170	0.0012	-0.0001	-0.0382
Plateau		0.0004	9.81	65.15%	15.06	-0.0153	-0.0173	-0.0274	0.0639	0.0025	0.0006	0.0070
Platinum		0.0000	[redacted]			-0.0121	-0.0182	-0.0211	0.0173	0.0019	0.0001	-0.0321
Platoon		0.0002	11.46	95.88%	11.96	-0.0137	-0.0119	-0.0197	0.0086	0.0011	-0.0009	-0.0365
Platt		0.0000	1.88	94.85%	1.98	-0.0041	-0.0009	-0.0040	0.0089	0.0007	-0.0002	0.0004
Playboy		1.5557	9.90	66.63%	14.85	-0.0075	-0.0167	-0.0287	0.0173	0.0032	0.0002	-0.0322
Player		0.1004	[redacted]			-0.0314	-0.0814	-0.1002	0.0502	0.0128	-0.0019	-0.1519
Playhouse		0.0000	10.24	85.65%	11.96	-0.0343	-0.0145	-0.0239	0.0220	0.0008	-0.0001	-0.0500
Plum		0.0000	1.83	62.51%	2.93	0.0000	0.0000	-0.0019	0.0115	0.0035	-0.0003	0.0128
Plumley		0.0000	5.29	44.24%	11.96	-0.0169	-0.0051	-0.0077	0.0133	0.0009	-0.0004	-0.0159
Plummer		1.2142	[redacted]			-0.0454	-0.0228	-0.0292	0.0884	0.0004	0.0001	-0.0085
Plumosa		0.0004	9.75	81.54%	11.96	-0.0235	-0.0024	-0.0121	0.0746	0.0013	-0.0003	0.0376
Pluto		0.0000	1.43	73.25%	1.95	-0.0051	0.0000	-0.0018	0.0216	0.0006	0.0000	0.0153
Plymouth		0.0000	1.38	47.02%	2.93	0.0000	0.0000	-0.0014	0.0212	0.0032	-0.0004	0.0226
Pocket		0.0001	[redacted]			-0.0065	-0.0014	-0.0049	0.0117	0.0006	0.0000	-0.0005
Poco		0.4434	11.22	39.04%	28.74	-0.0675	0.0000	-0.0485	0.0554	0.0063	-0.0028	-0.0571
Point Of Rocks		0.0000	1.67	39.93%	4.17	-0.0052	-0.0008	-0.0029	0.0020	0.0003	-0.0001	-0.0067
Poker		0.0002	[redacted]			-0.0135	-0.0417	-0.0453	0.0320	0.0006	-0.0008	-0.0687
Police		0.4190	[redacted]			-0.0051	-0.0090	-0.0235	0.0094	0.0005	-0.0011	-0.0288
Polk		0.0001	5.05	43.03%	11.74	-0.0248	-0.0029	-0.0055	0.0600	0.0065	0.0019	0.0352
Pollard		0.0002	6.42	53.67%	11.96	-0.0047	-0.0241	-0.0242	0.0104	0.0002	-0.0002	-0.0426
Polo		0.0001	8.79	73.51%	11.96	-0.0084	-0.0345	-0.0392	0.0058	0.0003	-0.0005	-0.0765
Polymer		0.0002	[redacted]			-0.0028	-0.0017	-0.0021	0.0052	0.0002	0.0000	-0.0012
Pomall		0.0000	10.85	90.77%	11.96	-0.0126	-0.0186	-0.0305	0.0266	0.0008	-0.0011	-0.0354
Pomeroy		0.0000	1.43	67.09%	2.14	-0.0009	-0.0004	-0.0018	0.0037	0.0005	-0.0001	0.0010
Pond		0.0000	[redacted]			-0.0017	-0.0094	-0.0130	0.0043	0.0002	-0.0003	-0.0199
Ponderosa		0.0000	12.07	84.47%	14.29	-0.0087	-0.0062	-0.0389	0.0891	0.0025	-0.0042	0.0336
Pontiac		0.0003	[redacted]			0.0000	0.0000	-0.0346	0.0319	0.0023	-0.0008	-0.0012
Poodle		0.3134	[redacted]			-0.0062	-0.0271	-0.0409	0.0085	0.0005	-0.0003	-0.0655
Pool		0.0067	1.11	38.05%	2.93	-0.0020	-0.0011	-0.0025	0.0018	0.0002	-0.0001	-0.0037
Poppet Flats		0.0000	3.32	53.02%	6.26	-0.0318	-0.0027	-0.0063	0.0024	0.0005	-0.0002	-0.0381
Poppy		0.4702	9.67	82.37%	11.74	-0.0158	-0.0129	-0.0248	0.0313	0.0011	-0.0003	-0.0214
Porcelain		0.0000	0.83	67.95%	1.22	-0.0013	0.0000	-0.0006	0.0158	0.0004	-0.0005	0.0138
Porphyry	GNA_2023_92	0.0004	[redacted]			-0.0046	-0.0120	-0.0114	0.0098	0.0043	0.0004	-0.0135
Port		0.0000	[redacted]			-0.0029	-0.0077	-0.0152	0.0044	0.0003	-0.0007	-0.0218
Portland		10.8696	[redacted]			-0.0487	-0.1646	-0.0735	0.0446	0.0089	0.0006	-0.2327
Poseidon		0.0002	[redacted]			-0.0007	-0.0381	-0.0444	0.0021	0.0005	-0.0001	-0.0807
Potash		0.0000	[redacted]			-0.0022	-0.0008	-0.0022	0.0011	0.0003	-0.0001	-0.0039
Pottery		0.0003	[redacted]			-0.0162	-0.0258	-0.0210	0.0089	0.0005	-0.0012	-0.0548
Poultry		0.0005	11.42	95.47%	11.96	-0.0266	-0.0070	-0.0196	0.0368	0.0014	-0.0005	-0.0155
Pound		0.0601	9.25	77.40%	11.96	-0.0073	-0.0326	-0.0268	0.0045	0.0015	-0.0003	-0.0610
Pourroy		0.0003	9.58	80.13%	11.96	-0.0501	-0.0100	-0.0117	0.0211	0.0026	0.0000	-0.0481
Powder		0.0002	14.40	89.01%	16.18	-0.0142	-0.0277	-0.0306	0.0449	0.0011	-0.0014	-0.0279
Powell		0.0000	14.23	87.97%	16.18	-0.0177	-0.0117	-0.0285	0.0275	0.0005	-0.0007	-0.0306
Power		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Prado		0.0003	9.69	59.93%	16.18	-0.0017	-0.0233	-0.0480	0.0175	0.0004	-0.0008	-0.0559
Prairie		0.0001	2.40	28.73%	8.35	-0.0045	-0.0053	-0.0044	0.0015	0.0002	-0.0002	-0.0127
Pratt		0.0001	5.12	73.61%	6.96	-0.0132	-0.0125	-0.0116	0.0067	0.0002	-0.0002	-0.0306
Prayer		0.1338	11.22	93.84%	11.96	-0.0359	-0.0041	-0.0146	0.0157	0.0003	-0.0002	-0.0388
Predator		0.0001	9.47	79.23%	11.96	-0.0132	-0.0060	-0.0161	0.0084	0.0013	-0.0004	-0.0260
Prego		0.0000	9.26	77.45%	11.96	-0.0133	-0.0036	-0.0099	0.0395	0.0010	-0.0001	0.0136
President		0.0000	11.72	98.02%	11.96	-0.0255	-0.0205	-0.0280	0.0413	0.0030	-0.0008	-0.0305
Presley		0.0000	8.84	73.93%	11.96	-0.0295	-0.0109	-0.0200	0.0102	0.0011	-0.0004	-0.0495
Preston	GNA_2023_81	0.0004	11.91	99.64%	11.96	-0.0423	-0.0018	-0.0102	0.0440	0.0017	-0.0005	-0.0091
Price		0.0000	[redacted]			-0.0088	-0.0190	-0.0350	0.0118	0.0006	-0.0002	-0.0506
Prida		0.0003	9.13	76.37%	11.96	-0.0038	-0.0138	-0.0450	0.0274	0.0009	-0.0012	-0.0355
Primero		0.0000	9.59	80.18%	11.96	-0.0260	-0.0119	-0.0231	0.0487	0.0007	-0.0003	-0.0119
Primrose		0.0000	8.38	51.79%	16.18	-0.0186	-0.0103	-0.0257	0.0503	0.0010	-0.0009	-0.0042
Prince		0.0000	[redacted]			-0.0040	-0.0047	-0.0109	0.0188	0.0019	-0.0008	0.0003
Priory		0.0000	1.10	46.10%	2.39	-0.0009	0.0000	-0.0009	0.0032	0.0005	0.0000	0.0019
Privet		0.0000	[redacted]			-0.0117	-0.0124	-0.0246	0.0298	0.0011	-0.0008	-0.0186
Probst		0.0003	16.42	49.85%	32.93	-0.0656	0.0000	-0.0523	0.0202	0.0005	-0.0026	-0.0998
Products		0.0002	[redacted]			-0.0054	-0.0074	-0.0142	0.0093	0.0002	-0.0003	-0.0178
Professor		0.0003	[redacted]			-0.0009	-0.0376	-0.0540	0.0081	0.0010	-0.0001	-0.0835
Profit		0.0003	10.10	84.46%	11.96	-0.0355	-0.0059	-0.0149	0.0183	0.0006	-0.0001	-0.0375
Promenade		0.0000	[redacted]			-0.0061	-0.0365	-0.0503	0.0099	0.0010	-0.0002	-0.0822
Pronghorn		0.0000	[redacted]			-0.0175	-0.0069	-0.0177	0.0226	0.0009	0.0002	-0.0184
Prospect		0.0000	2.41	82.12%	2.93	-0.0033	-0.0011	-0.0036	0.0150	0.0011	0.0000	0.0081
Pruitt		0.0905	0.68	63.72%	1.07	-0.0023	-0.0003	-0.0009	0.0124	0.0007	0.0000	0.0096
Prune		0.0000	10.75	89.95%	11.96	-0.0134	-0.0084	-0.0191	0.0285	0.0010	-0.0003	-0.0117
Pryor		0.0001	[redacted]			-0.0163	-0.0063	-0.0146	0.0568	0.0012	-0.0003	0.0205
Puddingstone		0.0000	[redacted]			-0.0023	-0.0287	-0.0570	0.0122	0.0005	-0.0004	-0.0757
Pueblo		0.0000	[redacted]			0.0000	0.0000	-0.0099	0.1132	0.0153	-0.0018	0.1168
Puesta		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pulaski		0.0002	6.35	53.13%	11.96	-0.0065	-0.0138	-0.0163	0.0125	0.0018	-0.0001	-0.0224
Pullman		0.0001	2.26	77.27%	2.93	0.0000	0.0000	-0.0018	0.0444	0.0041	-0.0015	0.0452
Pulp		0.0004	11.50	96.53%	11.91	-0.0024	-0.0129	-0.0308	0.0203	0.0016	-0.0010	-0.0252
Pumalo		0.0000	6.82	57.06%	11.96	-0.0078	-0.0031	-0.0084	0.0147	0.0008	-0.0001	-0.0039
Punch		0.0000	9.13	76.34%	11.96	-0.0406	-0.0023	-0.0091	0.0786	0.0010	0.0000	0.0276
Punt		0.0000	6.15	51.47%	11.96	-0.0071	-0.0161	-0.0209	0.0138	0.0004	-0.0004	-0.0303
Purchase		0.0003	[redacted]			-0.0001	-0.0001	-0.0071	0.0009	0.0017	-0.0006	-0.0053
Purdue		4.3305	10.94	77.47%	14.12	-0.0049	-0.0152	-0.0212	0.0573	0.0009	-0.0001	0.0168
Purex		0.7501	6.65	47.12%	14.12	-0.0004	-0.0040	-0.0234	0.0179	0.0002	-0.0006	-0.0103
Purple		0.0003	9.33	78.00%	11.96	-0.0064	-0.0239	-0.0516	0.0154	0.0007	-0.0005	-0.0663
Putney		0.0001	2.50	89.20%	2.80	-0.0032	-0.0014	-0.0044	0.0192	0.0006	-0.0005	0.0103
Putter		0.0002	8.80	73.59%	11.96	-0.0199	-0.0150	-0.0236	0.0330	0.0007	-0.0002	-0.0250
Pyle		0.0000	5.05	38.62%	13.09	-0.0064	-0.0136	-0.0167	0.0092	0.0007	0.0002	-0.0266
Pyramid		0.0002	10.07	84.23%	11.96	-0.0297	-0.0122	-0.0242	0.0088	0.0003	-0.0003	-0.0573
Pyrus		0.0000	8.28	69.24%	11.96	-0.0138	-0.0069	-0.0112	0.0344	0.0017	-0.0002	0.0040
Python		0.0003	14.23	87.99%	16.18	-0.0201	-0.0072	-0.0264	0.0967	0.0009	-0.0005	0.0434
Qatar		0.0000	9.82	82.13%	11.96	-0.0124	-0.0013	-0.0095	0.0632	0.0013	-0.0001	0.0412
Quail		0.0003	[redacted]			0.0000	0.0000	-0.0052	0.0004	0.0015	-0.0001	-0.0034
Quaker		0.0000	1.97	67.32%	2.93	-0.0017	-0.0002	-0.0018	0.0122	0.0007	-0.0001	0.0091
Quarry	GNA_2023_237	0.0003	10.03	96.12%	10.43	-0.0477	-0.0016	-0.0112	0.0419	0.0007	-0.0001	-0.0180
Quart		0.0006	10.12	84.62%	11.96	-0.0125	-0.0203	-0.0249	0.0120	0.0003	-0.0018	-0.0472
Quarter		0.0000	4.42	36.99%	11.96	-0.0022	-0.0103	-0.0217	0.0081	0.0004	0.0000	-0.0257
Quarterback		0.7670	9.54	79.76%	11.96	-0.0149	-0.0089	-0.0136	0.0158	0.0007	0.0000	-0.0209
Quartz		0.0003	[redacted]			-0.0040	-0.0264	-0.0274	0.0088	0.0003	0.0000	-0.0487
Quasar		0.0003	9.98	95.65%	10.43	-0.0280	-0.0042	-0.0140	0.0196	0.0013	-0.0001	-0.0254
Quebec		0.0000	2.09	92.66%	2.26	-0.0021	-0.0009	-0.0040	0.0107	0.0007	-0.0002	0.0042
Queen		0.0000	[redacted]			-0.0003	-0.0029	-0.0023	0.0016	0.0002	-0.0001	-0.0038
Queen Mary 1		0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0010	0.0005	0.0000	-0.0002
Queensland		0.0004	11.48	96.03%	11.96	-0.0145	-0.0012	-0.0155	0.0089	0.0016	0.0000	-0.0207
Quicksilver		2.0030	10.21	78.00%	13.09	-0.0228	-0.0083	-0.0203	0.1060	0.0025	-0.0001	0.0570
Quinby		0.0001	10.07	84.19%	11.96	-0.0061	-0.0118	-0.0367	0.0308	0.0008	-0.0026	-0.0256
Quincy		0.0000	1.84	81.67%	2.26	-0.0036	-0.0028	-0.0045	0.0160	0.0008	-0.0001	0.0058
Quinto		0.0000	9.44	78.96%	11.96	-0.0159	-0.0025	-0.0119	0.0436	0.0010	-0.0001	0.0142
Rabbit		0.0000	2.59	61.96%	4.17	-0.0394	-0.0030	-0.0046	0.0020	0.0008	0.0000	-0.0442
Racer		0.0000	6.27	38.73%	16.18	-0.0049	-0.0007	-0.0047	0.0149	0.0005	0.0000	0.0051
Raceway		0.0004	[redacted]			0.0000	-0.0024	-0.0276	0.0020	0.0269	0.0000	-0.0011
Racine		0.0003	[redacted]			-0.0074	-0.0276	-0.0396	0.0308	0.0007	-0.0012	-0.0443
Racquet Club		0.0000	1.23	57.65%	2.14	-0.0017	0.0000	-0.0008	0.0017	0.0001	0.0000	-0.0007
Radec		0.0003	9.35	88.52%	10.57	-0.0063	-0.0325	-0.0299	0.0150	0.0006	-0.0002	-0.0533
Radford		0.0004	10.04	90.96%	11.04	-0.0156	-0.0114	-0.0241	0.0469	0.0008	-0.0001	-0.0035
Radiator		0.0001	2.90	18.28%	15.88	-0.0001	0.0000	-0.0006	0.0089	0.0006	0.0000	0.0088
Radium		0.0000	[redacted]			-0.0010	-0.0083	-0.0156	0.0174	0.0006	-0.0001	-0.0070
Radnor		0.2678	8.11	72.91%	11.13	-0.0002	-0.0004	-0.0186	0.0133	0.0009	-0.0002	-0.0052
Rahal		0.0004	10.48	87.62%	11.96	-0.0053	-0.0165	-0.0314	0.0191	0.0007	-0.0003	-0.0337
Rahn		0.0001	[redacted]			-0.0013	-0.0234	-0.0333	0.1174	0.0002	0.0000	0.0596
Raiders		0.0000	7.21	60.27%	11.96	-0.0170	-0.0103	-0.0212	0.0655	0.0011	-0.0002	0.0179
Rainbow		0.0002	[redacted]			-0.0144	-0.0124	-0.0182	0.0121	0.0007	-0.0003	-0.0325
Raisin		0.0000	[redacted]			-0.0187	-0.0151	-0.0301	0.0120	0.0009	-0.0003	-0.0513

2024

Facility	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Piper	0.0073	9.31	77.91%	11.96	-0.0217	-0.0376	-0.0505	0.0157	0.0017	-0.0004	-0.0928
Pirate	0.0066	12.27	77.28%	15.88	-0.0198	-0.0308	-0.0536	0.0420	0.0021	-0.0028	-0.0629
Pisces	1.5147	[redacted]			-0.0048	-0.0400	-0.0575	0.0137	0.0007	-0.0002	-0.0881
Pistachio	0.0019	[redacted]			-0.0197	-0.0521	-0.0727	0.0610	0.0018	-0.0026	-0.0843
Pistola	0.2747	11.60	96.98%	11.96	-0.0306	-0.0341	-0.0540	0.0273	0.0024	-0.0012	-0.0902
Piston	0.7400	11.73	83.10%	14.12	-0.0242	-0.0458	-0.0672	0.3538	0.0058	-0.0029	0.2195
Pit	0.0039	[redacted]			-0.0002	-0.0054	-0.0072	0.0020	0.0249	0.0000	0.0141
Pitzer	4.1110	9.02	75.41%	11.96	-0.0120	-0.0183	-0.0296	0.0804	0.0016	-0.0030	0.0191
Piuma	0.0007	1.94	81.11%	2.39	-0.0095	-0.0002	-0.0053	0.0227	0.0023	-0.0002	0.0098
Place	0.0051	10.28	86.02%	11.96	-0.0064	-0.0368	-0.0550	0.0486	0.0013	-0.0017	-0.0500
Placerita	0.0001	[redacted]			-0.0149	-0.0300	-0.0832	0.0340	0.0012	-0.0002	-0.0931
Placid	0.0030	10.64	89.02%	11.96	-0.0769	-0.0265	-0.0496	0.0931	0.0032	-0.0019	-0.0586
Plano	0.0000	5.74	48.02%	11.96	-0.0091	-0.0165	-0.0456	0.0192	0.0021	-0.0012	-0.0511
Plasma	0.0061	10.17	85.06%	11.96	-0.0771	-0.0037	-0.0189	0.0348	0.0030	-0.0002	-0.0621
Plateau	0.0025	9.84	65.31%	15.06	-0.0281	-0.0320	-0.0567	0.1400	0.0036	0.0009	0.0277
Platinum	0.0000	[redacted]			-0.0224	-0.0333	-0.0376	0.0396	0.0042	0.0002	-0.0493
Platoon	0.0028	11.43	95.63%	11.96	-0.0241	-0.0224	-0.0399	0.0179	0.0029	-0.0017	-0.0673
Platt	0.0005	1.72	86.55%	1.98	-0.0073	-0.0017	-0.0080	0.0184	0.0017	-0.0003	0.0028
Playboy	1.9786	12.51	84.20%	14.85	-0.0139	-0.0307	-0.0585	0.0374	0.0046	0.0003	-0.0608
Player	1.2069	[redacted]			-0.0511	-0.1238	-0.1824	0.1165	0.0402	-0.0043	-0.2049
Playhouse	0.0005	10.20	85.35%	11.96	-0.0606	-0.0270	-0.0436	0.0459	0.0022	-0.0007	-0.0838
Plum	0.0000	1.85	63.09%	2.93	0.0000	0.0000	-0.0032	0.0270	0.0054	0.0001	0.0293
Plumley	0.0000	6.92	57.91%	11.96	-0.0215	-0.0067	-0.0137	0.0291	0.0025	-0.0014	-0.0117
Plummer	2.1211	[redacted]			-0.0858	-0.0414	-0.0520	0.1986	0.0018	0.0002	0.0214
Plumosa	0.0053	9.81	82.01%	11.96	-0.0420	-0.0045	-0.0250	0.1522	0.0033	-0.0006	0.0834
Pluto	0.0000	1.45	74.31%	1.95	-0.0090	0.0000	-0.0035	0.0446	0.0028	0.0000	0.0349
Plymouth	0.0006	1.40	47.89%	2.93	0.0000	0.0000	-0.0029	0.0432	0.0067	-0.0008	0.0462
Pocket	0.0017	[redacted]			-0.0119	-0.0025	-0.0093	0.0241	0.0015	0.0000	0.0019
Poco	0.5229	11.27	39.21%	28.74	-0.1279	0.0000	-0.0905	0.1146	0.0167	-0.0055	-0.0926
Point Of Rocks	0.0000	1.66	39.80%	4.17	-0.0098	-0.0015	-0.0058	0.0042	0.0012	-0.0002	-0.0119
Poker	0.0016	[redacted]			-0.0264	-0.0770	-0.0834	0.0666	0.0026	-0.0014	-0.1190
Police	0.4352	[redacted]			-0.0097	-0.0168	-0.0426	0.0201	0.0016	-0.0021	-0.0495
Polk	0.0006	5.06	43.10%	11.74	-0.0560	-0.0070	-0.0159	0.1095	0.0098	0.0020	0.0424
Pollard	0.0030	6.38	53.40%	11.96	-0.0094	-0.0451	-0.0431	0.0217	0.0004	-0.0005	-0.0760
Polo	0.0014	8.73	72.98%	11.96	-0.0164	-0.0648	-0.0696	0.0124	0.0011	-0.0009	-0.1382
Polymer	0.0032	[redacted]			-0.0055	-0.0032	-0.0039	0.0114	0.0007	0.0000	-0.0005
Pomall	0.0005	10.83	90.55%	11.96	-0.0224	-0.0348	-0.0584	0.0557	0.0020	-0.0021	-0.0600
Pomeroy	0.0000	1.43	67.18%	2.14	-0.0016	-0.0007	-0.0036	0.0076	0.0012	-0.0002	0.0027
Pond	0.0001	[redacted]			-0.0034	-0.0171	-0.0255	0.0122	0.0009	-0.0006	-0.0335
Ponderosa	0.0000	12.13	84.85%	14.29	-0.0156	-0.0116	-0.0663	0.1817	0.0045	-0.0078	0.0849
Pontiac	0.0049	[redacted]			0.0000	0.0000	-0.0592	0.0666	0.0054	-0.0018	0.0110
Poodle	0.3922	[redacted]			-0.0124	-0.0493	-0.0754	0.0177	0.0017	-0.0005	-0.1182
Pool	0.0088	1.11	38.03%	2.93	-0.0036	-0.0020	-0.0049	0.0037	0.0008	-0.0002	-0.0062
Poppet Flats	0.0000	3.31	52.85%	6.26	-0.0380	-0.0032	-0.0121	0.0060	0.0011	-0.0018	-0.0480
Poppy	0.4757	9.40	80.05%	11.74	-0.0231	-0.0193	-0.0454	0.0827	0.0025	-0.0006	-0.0032
Porcelain	0.0000	0.85	69.26%	1.22	-0.0025	0.0000	-0.0013	0.0321	0.0009	-0.0009	0.0283
Porphyry	0.0073	[redacted]			-0.0091	-0.0217	-0.0223	0.0201	0.0092	0.0010	-0.0228
Port	0.0010	[redacted]			-0.0051	-0.0145	-0.0283	0.0092	0.0011	-0.0013	-0.0389
Portland	22.4608	[redacted]			-0.0907	-0.2829	-0.1360	0.0915	0.0186	0.0006	-0.3989
Poseidon	0.0014	[redacted]			-0.0014	-0.0696	-0.0830	0.0044	0.0015	-0.0003	-0.1484
Potash	0.0000	[redacted]			-0.0023	-0.0008	-0.0039	0.0023	0.0014	-0.0004	-0.0037
Pottery	0.0043	[redacted]			-0.0306	-0.0477	-0.0412	0.0228	0.0014	-0.0019	-0.0972
Poultry	0.0082	11.42	95.51%	11.96	-0.0486	-0.0130	-0.0374	0.0784	0.0030	-0.0010	-0.0186
Pound	0.0604	9.20	76.94%	11.96	-0.0132	-0.0581	-0.0528	0.0103	0.0025	-0.0023	-0.1136
Pourroy	0.0050	9.55	79.85%	11.96	-0.0879	-0.0188	-0.0237	0.0439	0.0042	0.0000	-0.0823
Powder	1.5207	16.03	99.08%	16.18	-0.0257	-0.0517	-0.0574	0.0966	0.0034	-0.0025	-0.0373
Powell	0.0000	13.89	85.87%	16.18	-0.0309	-0.0221	-0.0519	0.0572	0.0015	-0.0013	-0.0475
Power	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Prado	0.0042	9.65	59.68%	16.18	-0.0034	-0.0436	-0.0848	0.0361	0.0013	-0.0015	-0.0959
Prairie	0.0012	2.39	28.61%	8.35	-0.0089	-0.0098	-0.0085	0.0032	0.0008	-0.0004	-0.0236
Pratt	0.0024	5.10	73.27%	6.96	-0.0254	-0.0231	-0.0220	0.0142	0.0008	-0.0003	-0.0558
Prayer	0.1743	11.25	94.10%	11.96	-0.0542	-0.0064	-0.0290	0.0366	0.0019	-0.0004	-0.0515
Predator	0.0016	9.44	78.96%	11.96	-0.0302	-0.0140	-0.0310	0.0161	0.0027	-0.0007	-0.0571
Prego	0.0000	9.29	77.66%	11.96	-0.0237	-0.0065	-0.0214	0.0847	0.0026	-0.0001	0.0356
President	0.0000	11.71	97.91%	11.96	-0.0452	-0.0386	-0.0516	0.0859	0.0081	-0.0013	-0.0427
Presley	0.0000	8.81	73.70%	11.96	-0.0464	-0.0172	-0.0379	0.0237	0.0031	-0.0008	-0.0755
Preston	0.0064	11.95	99.96%	11.96	-0.0531	-0.0024	-0.0214	0.0966	0.0044	-0.0033	0.0208
Price	0.7159	[redacted]			-0.0166	-0.0350	-0.0641	0.0243	0.0016	-0.0004	-0.0902
Prida	0.0003	9.11	76.21%	11.96	-0.0072	-0.0257	-0.0765	0.0567	0.0020	-0.0022	-0.0529
Primero	0.0000	9.59	80.19%	11.96	-0.0469	-0.0222	-0.0438	0.1004	0.0019	-0.0006	-0.0112
Primrose	0.0000	8.39	51.87%	16.18	-0.0335	-0.0192	-0.0459	0.1056	0.0021	-0.0017	0.0074
Prince	0.0000	[redacted]			-0.0075	-0.0087	-0.0216	0.0384	0.0048	-0.0015	0.0039
Priory	0.0195	1.12	47.04%	2.39	-0.0017	0.0000	-0.0019	0.0066	0.0012	0.0000	0.0042
Privet	0.0000	[redacted]			-0.0227	-0.0233	-0.0469	0.0614	0.0027	-0.0015	-0.0303
Probst	0.1583	16.50	50.10%	32.93	-0.1248	0.0000	-0.0966	0.0428	0.0032	-0.0049	-0.1803
Products	0.0030	[redacted]			-0.0099	-0.0138	-0.0261	0.0192	0.0012	-0.0006	-0.0300
Professor	0.0021	[redacted]			-0.0018	-0.0686	-0.1064	0.0178	0.0016	-0.0002	-0.1576
Profit	0.0049	10.08	84.34%	11.96	-0.0596	-0.0103	-0.0295	0.0422	0.0022	-0.0002	-0.0552
Promenade	0.0000	[redacted]			-0.0117	-0.0670	-0.0896	0.0254	0.0025	-0.0004	-0.1408
Pronghorn	0.0000	[redacted]			-0.0347	-0.0132	-0.0310	0.0475	0.0024	0.0009	-0.0281
Prospect	0.0000	2.42	82.50%	2.93	-0.0058	-0.0022	-0.0071	0.0313	0.0024	0.0002	0.0188
Pruitt	0.1173	0.72	67.50%	1.07	-0.0040	-0.0006	-0.0020	0.0256	0.0019	0.0000	0.0209
Prune	0.0000	10.75	89.90%	11.96	-0.0250	-0.0157	-0.0370	0.0588	0.0025	-0.0005	-0.0169
Pryor	0.0025	[redacted]			-0.0286	-0.0122	-0.0300	0.1158	0.0030	-0.0006	0.0474
Puddingstone	0.0000	[redacted]			-0.0045	-0.0524	-0.1045	0.0256	0.0013	-0.0008	-0.1353
Pueblo	0.0000	[redacted]			0.0000	0.0000	-0.0184	0.2604	0.0303	-0.0024	0.2699
Puesta	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Pulaski	0.0035	6.34	53.03%	11.96	-0.0128	-0.0256	-0.0280	0.0269	0.0034	-0.0003	-0.0364
Pullman	0.0013	2.32	79.03%	2.93	0.0000	0.0000	-0.0038	0.0915	0.0076	-0.0028	0.0925
Pulp	0.0063	11.49	96.45%	11.91	-0.0046	-0.0240	-0.0569	0.0422	0.0041	-0.0019	-0.0411
Pumalo	0.0000	6.82	57.06%	11.96	-0.0142	-0.0057	-0.0177	0.0324	0.0020	-0.0002	-0.0034
Punch	0.0003	9.17	76.72%	11.96	-0.0741	-0.0042	-0.0193	0.1634	0.0026	0.0000	0.0684
Punt	0.0000	6.13	51.29%	11.96	-0.0137	-0.0301	-0.0374	0.0296	0.0018	-0.0007	-0.0505
Purchase	0.0054	[redacted]			-0.0002	-0.0002	-0.0132	0.0025	0.0032	-0.0010	-0.0089
Purdue	4.5593	11.21	79.39%	14.12	-0.0089	-0.0287	-0.0383	0.1198	0.0023	-0.0002	0.0460
Purex	0.7530	6.65	47.12%	14.12	-0.0008	-0.0074	-0.0411	0.0380	0.0004	-0.0013	-0.0122
Purple	0.0030	9.28	77.63%	11.96	-0.0122	-0.0440	-0.0867	0.0317	0.0016	-0.0009	-0.1105
Putney	0.0005	2.51	89.72%	2.80	-0.0058	-0.0027	-0.0086	0.0397	0.0014	-0.0009	0.0231
Putter	0.0018	8.78	73.47%	11.96	-0.0369	-0.0282	-0.0440	0.0680	0.0020	-0.0011	-0.0402
Pyle	0.0000	5.04	38.47%	13.09	-0.0125	-0.0250	-0.0303	0.0214	0.0015	0.0002	-0.0447
Pyramid	0.0019	10.03	83.85%	11.96	-0.0534	-0.0228	-0.0451	0.0199	0.0015	-0.0006	-0.1005
Pyrus	0.0000	8.29	69.31%	11.96	-0.0262	-0.0131	-0.0225	0.0710	0.0031	-0.0004	0.0119
Python	0.0053	14.34	88.64%	16.18	-0.0313	-0.0115	-0.0495	0.2255	0.0022	-0.0010	0.1344
Qatar	0.0000	9.87	82.55%	11.96	-0.0231	-0.0025	-0.0194	0.1296	0.0030	-0.0002	0.0874
Quail	0.0043	[redacted]			0.0000	0.0000	-0.0102	0.0008	0.0031	-0.0002	-0.0065
Quaker	0.0004	1.98	67.71%	2.93	-0.0030	-0.0004	-0.0039	0.0249	0.0016	-0.0002	0.0190
Quarry	0.0051	10.06	96.37%	10.43	-0.0728	-0.0025	-0.0234	0.0974	0.0025	-0.0002	0.0010
Quart	0.0010	10.08	84.30%	11.96	-0.0242	-0.0389	-0.0466	0.0274	0.0020	-0.0034	-0.0837
Quarter	0.0000	4.40	36.83%	11.96	-0.0044	-0.0190	-0.0381	0.0167	0.0010	0.0000	-0.0438
Quarterback	0.7677	9.53	79.74%	11.96	-0.0234	-0.0140	-0.0253	0.0369	0.0022	-0.0002	-0.0238
Quartz	0.0019	[redacted]			-0.0080	-0.0480	-0.0491	0.0184	0.0009	0.0000	-0.0858
Quasar	0.0056	9.98	95.69%	10.43	-0.0386	-0.0060	-0.0264	0.0427	0.0033	-0.0018	-0.0268
Quebec	0.0000	2.10	92.94%	2.26	-0.0038	-0.0018	-0.0077	0.0219	0.0021	-0.0004	0.0103
Queen	0.0000	[redacted]			-0.0006	-0.0056	-0.0041	0.0033	0.0007	-0.0001	-0.0064
Queen Mary 1	0.0000	[redacted]			0.0000	0.0000	-0.0028	0.0020	0.0009	0.0000	0.0001
Queensland	0.0071	11.47	95.93%	11.96	-0.0253	-0.0023	-0.0316	0.0184	0.0031	-0.0002	-0.0379
Quicksilver	2.0030	11.79	90.09%	13.09	-0.0407	-0.0154	-0.0384	0.2213	0.0061	0.0000	0.1329
Quinby	0.0009	10.05	84.08%	11.96	-0.0111	-0.0224	-0.0647	0.0631	0.0019	-0.0049	-0.0381
Quincy	0.0004	1.85	63.28%	2.93	-0.0065	-0.0054	-0.0082	0.0330	0.0015	-0.0003	0.0141
Quinto	0.0000	9.48	79.30%	11.96	-0.0239	-0.0039	-0.0247	0.1012	0.0027	-0.0002	0.0512
Rabbit	0.0000	2.55	61.07%	4.17	-0.0714	-0.0053	-0.0088	0.0044	0.0016	-0.0001	-0.0796
Racer	0.0000	6.27	38.78%	16.18	-0.0084	-0.0013	-0.0094	0.0308	0.0011	0.0000	0.0128
Raceway	0.0063	[redacted]			0.0000	-0.0043	-0.0484	0.0041	0.0526	0.0000	0.0040
Racine	0.0043	[redacted]			-0.0143	-0.0512	-0.0745	0.0662	0.0017	-0.0023	-0.0744
Racquet Club	0.0000	1.23	57.64%	2.14	-0.0031	0.0000	-0.0017	0.0035	0.0004	0.0000	-0.0009
Radec	0.0034	9.31	88.11%	10.57	-0.0124	-0.0600	-0.0569	0.0318	0.0014	-0.0004	-0.0965
Radford	0.0031	10.06	91.10%	11.04	-0.0279	-0.0213	-0.0445	0.1002	0.0020	-0.0002	0.0083
Radiator	0.0023	2.91	18.33%	15.88	-0.0005	-0.0001	-0.0012	0.0142	0.0016	0.0000	0.0140
Radium	0.0000	[redacted]			-0.0019	-0.0156	-0.0261	0.0359	0.0012	-0.0002	-0.0067
Radnor	0.3335	8.18	73.51%	11.13	-0.0004	-0.0007	-0.0358	0.0275	0.0020	-0.0009	-0.0083
Rahal	0.0064	10.46	87.46%	11.96	-0.0100	-0.0305	-0.0595	0.0403	0.0019	-0.0006	-0.0584
Rahn	0.0025	[redacted]			-0.0026	-0.0428	-0.0614	0.2526	0.0007	0.0000	0.1465
Raiders	0.0000	8.19	68.51%	11.96	-0.0323	-0.0196	-0.0397	0.1351	0.0028	-0.0004	0.0459
Rainbow	0.0029	[redacted]			-0.0275	-0.0225	-0.0355	0.0306	0.0017	-0.0005	-0.0537
Raisin	0.0000	[redacted]			-0.0340	-0.0278	-0.0575	0.0249	0.0024	-0.0006	-0.0926

2025

Facility	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Piper	0.0105	9.28	77.60%	11.96	-0.0316	-0.0562	-0.0712	0.0258	0.0031	-0.0007	-0.1308	0.0137	9.24	77.30%
Pirate	0.0098	12.25	77.13%	15.88	-0.0302	-0.0463	-0.0787	0.0656	0.0041	-0.0040	-0.0895	0.0177	12.23	77.00%
Pisces	2.2257	[redacted]			-0.0074	-0.0594	-0.0818	0.0208	0.0015	-0.0003	-0.1266	3.1030	[redacted]	
Pistachio	0.0040	[redacted]			-0.0299	-0.0780	-0.1057	0.0914	0.0034	-0.0038	-0.1226	0.0075	[redacted]	
Pistola	9.2435	9.59	80.20%	11.96	-0.0448	-0.0511	-0.0777	0.0446	0.0044	-0.0018	-0.1264	16.0594	5.11	42.77%
Piston	0.7400	11.85	83.91%	14.12	-0.0355	-0.0690	-0.1019	0.5332	0.0093	-0.0052	0.3309	0.7400	11.95	84.65%
Pit	0.0057	[redacted]			-0.0002	-0.0057	-0.0102	0.0028	0.0395	0.0000	0.0262	0.0100	[redacted]	
Pitzer	4.1110	9.04	75.58%	11.96	-0.0164	-0.0256	-0.0433	0.1244	0.0032	-0.0046	0.0377	4.1622	9.11	76.19%
Piuma	0.0010	1.94	81.34%	2.39	-0.0146	-0.0003	-0.0082	0.0337	0.0043	-0.0003	0.0146	0.0017	1.95	81.55%
Place	0.0074	10.27	85.87%	11.96	-0.0095	-0.0551	-0.0804	0.0768	0.0024	-0.0025	-0.0683	0.0128	10.26	85.78%
Placerita	0.0033	[redacted]			-0.0218	-0.0446	-0.1196	0.0510	0.0024	-0.0003	-0.1329	0.0094	[redacted]	
Placid	0.0061	10.62	88.81%	11.96	-0.1146	-0.0398	-0.0740	0.1396	0.0061	-0.0027	-0.0854	0.0118	10.59	88.60%
Plano	0.0000	5.72	47.84%	11.96	-0.0135	-0.0247	-0.0665	0.0313	0.0041	-0.0018	-0.0711	0.0000	5.70	47.67%
Plasma	0.0088	10.15	84.86%	11.96	-0.1103	-0.0055	-0.0279	0.0518	0.0053	-0.0003	-0.0869	0.0128	10.12	84.66%
Plateau	0.0028	9.86	65.51%	15.06	-0.0418	-0.0478	-0.0856	0.2232	0.0051	0.0012	0.0543	0.0028	9.90	65.72%
Platinum	0.0001	[redacted]			-0.0336	-0.0495	-0.0536	0.0657	0.0069	0.0003	-0.0638	0.0005	[redacted]	
Platoon	0.0032	11.40	95.35%	11.96	-0.0350	-0.0337	-0.0605	0.0271	0.0055	-0.0024	-0.0990	0.0043	11.37	95.07%
Platt	0.0007	1.72	86.63%	1.98	-0.0111	-0.0025	-0.0120	0.0271	0.0032	-0.0004	0.0043	0.0048	1.73	87.07%
Playboy	2.1284	12.64	85.10%	14.85	-0.0213	-0.0458	-0.0879	0.0590	0.0073	0.0004	-0.0883	2.2527	12.75	85.87%
Player	1.3728	[redacted]			-0.0695	-0.1684	-0.2615	0.1792	0.0700	-0.0068	-0.2570	1.3984	[redacted]	
Playhouse	0.0007	10.17	85.05%	11.96	-0.0874	-0.0404	-0.0618	0.0697	0.0040	-0.0012	-0.1171	0.0009	10.13	84.73%
Plum	0.0000	1.87	63.77%	2.93	0.0000	0.0000	-0.0047	0.0444	0.0086	0.0001	0.0484	0.0000	1.89	64.39%
Plumley	0.0000	6.93	57.94%	11.96	-0.0260	-0.0084	-0.0206	0.0443	0.0040	-0.0024	-0.0091	0.0000	6.93	57.96%
Plummer	2.7248	[redacted]			-0.1264	-0.0614	-0.0734	0.2808	0.0030	0.0002	0.0228	3.4618	[redacted]	
Plumosa	0.0072	9.85	82.40%	11.96	-0.0628	-0.0068	-0.0380	0.2257	0.0067	-0.0009	0.1239	0.0090	9.89	82.72%
Pluto	0.0000	1.47	75.28%	1.95	-0.0133	0.0000	-0.0058	0.0669	0.0049	0.0000	0.0527	0.0000	1.49	76.16%
Plymouth	0.0009	1.43	48.74%	2.93	0.0000	0.0000	-0.0043	0.0652	0.0099	-0.0012	0.0696	0.0015	1.45	49.58%
Pocket	0.0025	[redacted]			-0.0177	-0.0037	-0.0134	0.0362	0.0031	0.0000	0.0045	0.0033	[redacted]	
Poco	0.5491	11.26	39.19%	28.74	-0.1887	0.0000	-0.1323	0.1725	0.0340	-0.0082	-0.1227	0.5649	11.24	39.11%
Point Of Rocks	0.0000	1.66	39.68%	4.17	-0.0144	-0.0023	-0.0088	0.0063	0.0026	-0.0003	-0.0169	0.0000	1.65	39.57%
Poker	0.0031	[redacted]			-0.0398	-0.1149	-0.1211	0.1011	0.0048	-0.0020	-0.1719	0.0330	[redacted]	
Police	0.4371	[redacted]			-0.0143	-0.0251	-0.0608	0.0313	0.0028	-0.0032	-0.0693	0.4482	[redacted]	
Polk	0.0008	5.06	43.12%	11.74	-0.0918	-0.0114	-0.0272	0.1589	0.0132	0.0020	0.0437	0.0011	5.08	43.26%
Pollard	0.0042	6.35	53.11%	11.96	-0.0143	-0.0676	-0.0612	0.0331	0.0006	-0.0007	-0.1101	0.0046	6.31	52.79%
Polo	0.0019	8.67	72.50%	11.96	-0.0230	-0.0927	-0.0980	0.0206	0.0022	-0.0018	-0.1927	0.0032	8.61	72.03%
Polymer	0.0059	[redacted]			-0.0081	-0.0048	-0.0056	0.0184	0.0013	0.0000	0.0012	0.0172	[redacted]	
Pomall	0.0007	10.80	90.32%	11.96	-0.0335	-0.0521	-0.0861	0.0850	0.0038	-0.0030	-0.0859	0.0089	10.78	90.16%
Pomeroy	0.0000	1.44	67.27%	2.14	-0.0024	-0.0011	-0.0054	0.0114	0.0023	-0.0003	0.0045	0.0000	1.44	67.38%
Pond	0.0002	[redacted]			-0.0051	-0.0254	-0.0381	0.0238	0.0018	-0.0009	-0.0439	0.0003	[redacted]	
Ponderosa	0.0000	12.18	85.20%	14.29	-0.0229	-0.0174	-0.0929	0.2693	0.0077	-0.0115	0.1323	0.0000	13.29	93.01%
Pontiac	0.0061	[redacted]			0.0000	0.0000	-0.0833	0.1016	0.0082	-0.0027	0.0238	0.0075	[redacted]	
Poodle	0.4217	[redacted]			-0.0189	-0.0732	-0.1090	0.0269	0.0033	-0.0007	-0.1716	0.4413	[redacted]	
Pool	0.0100	1.11	37.98%	2.93	-0.0053	-0.0030	-0.0072	0.0055	0.0016	-0.0003	-0.0087	0.0136	1.11	38.04%
Poppet Flats	0.0000	5.49	87.67%	6.26	-0.0563	-0.0048	-0.0180	0.0095	0.0023	-0.0020	-0.0693	0.0000	5.47	87.31%
Poppy	0.4783	10.36	88.24%	11.74	-0.0316	-0.0262	-0.0655	0.1319	0.0046	-0.0010	0.0122	0.4847	10.35	88.18%
Porcelain	0.0000	0.86	70.49%	1.22	-0.0036	0.0000	-0.0020	0.0473	0.0017	-0.0013	0.0421	0.0000	0.87	71.59%
Porphyry	0.0106	[redacted]			-0.0134	-0.0321	-0.0337	0.0305	0.0158	0.0012	-0.0317	0.0184	[redacted]	
Port	0.0025	[redacted]			-0.0074	-0.0218	-0.0414	0.0141	0.0026	-0.0019	-0.0558	0.0041	[redacted]	
Portland	22.4925	[redacted]			-0.1318	-0.4140	-0.1972	0.1404	0.0303	0.0008	-0.5715	22.5263	[redacted]	
Poseidon	0.0025	[redacted]			-0.0021	-0.1035	-0.1212	0.0067	0.0028	-0.0005	-0.2178	0.0040	[redacted]	
Potash	0.0000	[redacted]			-0.0024	-0.0008	-0.0057	0.0035	0.0026	-0.0007	-0.0035	0.0017	[redacted]	
Pottery	0.0059	[redacted]			-0.0446	-0.0713	-0.0597	0.0417	0.0023	-0.0031	-0.1347	0.0790	[redacted]	
Poultry	0.0111	11.42	95.52%	11.96	-0.0713	-0.0194	-0.0561	0.1218	0.0056	-0.0014	-0.0208	0.0148	11.42	95.55%
Pound	0.0599	9.14	76.46%	11.96	-0.0189	-0.0852	-0.0778	0.0160	0.0038	-0.0044	-0.1665	0.1181	9.15	76.51%
Pourroy	0.0072	9.51	79.55%	11.96	-0.1263	-0.0282	-0.0355	0.0666	0.0063	0.0000	-0.1171	0.0123	9.48	79.28%
Powder	1.5238	16.02	99.02%	16.18	-0.0391	-0.0775	-0.0851	0.1489	0.0076	-0.0036	-0.0488	1.5289	16.01	98.97%
Powell	0.0000	13.87	85.74%	16.18	-0.0458	-0.0332	-0.0750	0.0865	0.0028	-0.0019	-0.0666	0.0000	13.85	85.59%
Power	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Prado	0.0048	9.63	59.50%	16.18	-0.0046	-0.0591	-0.1180	0.0582	0.0027	-0.0028	-0.1236	0.0048	9.59	59.30%
Prairie	0.0017	2.38	28.48%	8.35	-0.0132	-0.0147	-0.0128	0.0050	0.0017	-0.0006	-0.0346	0.0029	2.37	28.37%
Pratt	0.0033	5.07	72.91%	6.96	-0.0377	-0.0345	-0.0320	0.0219	0.0016	-0.0004	-0.0811	0.0059	5.05	72.57%
Prayer	0.1874	11.25	94.08%	11.96	-0.0742	-0.0089	-0.0437	0.0572	0.0045	-0.0006	-0.0657	0.1954	11.24	94.02%
Predator	0.0023	9.41	78.70%	11.96	-0.0472	-0.0226	-0.0449	0.0242	0.0046	-0.0010	-0.0869	0.0027	9.38	78.45%
Prego	0.0000	9.31	77.88%	11.96	-0.0347	-0.0097	-0.0331	0.1325	0.0050	-0.0001	0.0599	0.0000	9.34	78.12%
President	0.0000	11.69	97.78%	11.96	-0.0686	-0.0582	-0.0737	0.1303	0.0151	-0.0018	-0.0569	0.0000	11.67	97.58%
Presley	0.0000	8.78	73.47%	11.96	-0.0628	-0.0239	-0.0544	0.0365	0.0057	-0.0012	-0.1001	0.0000	8.76	73.25%
Preston	0.0089	9.72	81.33%	11.96	-0.0641	-0.0030	-0.0328	0.1466	0.0091	-0.0060	0.0498	0.0713	9.82	82.15%
Price	0.7159	[redacted]			-0.0243	-0.0522	-0.0924	0.0364	0.0031	-0.0006	-0.1300	0.7159	[redacted]	
Prida	0.0003	9.09	76.04%	11.96	-0.0110	-0.0384	-0.1081	0.0852	0.0037	-0.0032	-0.0718	0.0003	9.07	75.86%
Primero	0.0000	9.58	80.15%	11.96	-0.0714	-0.0333	-0.0641	0.1505	0.0037	-0.0009	-0.0155	0.0000	9.57	80.06%
Primrose	0.0000	8.40	51.93%	16.18	-0.0509	-0.0287	-0.0666	0.1616	0.0040	-0.0025	0.0169	0.0314	8.44	52.18%
Prince	0.0000	[redacted]			-0.0115	-0.0132	-0.0323	0.0570	0.0091	-0.0022	0.0069	0.0000	[redacted]	
Priory	0.0271	1.13	47.47%	2.39	-0.0026	0.0000	-0.0029	0.0098	0.0023	0.0000	0.0066	0.0344	1.14	47.90%
Privet	0.0000	[redacted]			-0.0342	-0.0349	-0.0675	0.0921	0.0049	-0.0022	-0.0418	0.0000	[redacted]	
Probst	0.1600	16.42	49.85%	32.93	-0.1855	0.0000	-0.1397	0.0662	0.0069	-0.0074	-0.2595	0.2794	16.46	49.99%
Products	0.0036	[redacted]			-0.0144	-0.0206	-0.0377	0.0288	0.0025	-0.0009	-0.0423	0.0036	[redacted]	
Professor	0.0022	[redacted]			-0.0027	-0.1020	-0.1577	0.0285	0.0023	-0.0003	-0.2319	0.0022	[redacted]	
Profit	0.0057	10.06	84.17%	11.96	-0.0851	-0.0150	-0.0430	0.0653	0.0044	-0.0003	-0.0737	0.0057	10.04	84.00%
Promenade	0.0006	[redacted]			-0.0172	-0.0998	-0.1291	0.0459	0.0050	-0.0005	-0.1957	0.0019	[redacted]	
Pronghorn	0.0000	[redacted]			-0.0519	-0.0193	-0.0451	0.0733	0.0041	0.0010	-0.0379	0.1496	[redacted]	
Prospect	0.0000	2.43	82.89%	2.93	-0.0085	-0.0034	-0.0106	0.0478	0.0039	0.0004	0.0296	0.0000	0.00	0.00%
Pruitt	0.1266	0.74	69.42%	1.07	-0.0060	-0.0009	-0.0033	0.0384	0.0029	0.0000	0.0311	0.1327	0.76	70.96%
Prune	0.0000	10.74	89.85%	11.96	-0.0377	-0.0235	-0.0536	0.0883	0.0045	-0.0007	-0.0227	0.0000	10.73	89.78%
Pryor	0.0036	[redacted]			-0.0423	-0.0184	-0.0455	0.1716	0.0060	-0.0009	0.0705	0.0042	[redacted]	
Puddingstone	0.0000	[redacted]			-0.0067	-0.0780	-0.1506	0.0391	0.0025	-0.0012	-0.1949	0.0000	[redacted]	
Pueblo	0.0000	[redacted]			0.0000	0.0000	-0.0270	0.4087	0.0468	-0.0028	0.4257	0.0000	[redacted]	
Puesta	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Pulaski	0.0051	6.33	52.93%	11.96	-0.0189	-0.0383	-0.0401	0.0422	0.0060	-0.0004	-0.0495	0.0059	6.32	52.83%
Pullman	0.0019	2.37	80.77%	2.93	0.0000	0.0000	-0.0058	0.1378	0.0119	-0.0042	0.1397	0.0033	2.41	82.41%
Pulp	0.0091	11.47	96.32%	11.91	-0.0070	-0.0361	-0.0826	0.0621	0.0078	-0.0028	-0.0586	0.0159	11.46	96.22%
Pumalo	0.0000	6.83	57.08%	11.96	-0.0207	-0.0085	-0.0272	0.0520	0.0038	-0.0003	-0.0009	0.0000	6.83	57.13%
Punch	0.0004	9.21	77.06%	11.96	-0.1117	-0.0062	-0.0297	0.2474	0.0051	0.0000	0.1049	0.0005	9.25	77.34%
Punt	0.0000	6.11	51.12%	11.96	-0.0206	-0.0451	-0.0533	0.0463	0.0033	-0.0010	-0.0704	0.0000	6.10	51.01%
Purchase	0.0078	[redacted]			-0.0010	-0.0013	-0.0196	0.0049	0.0046	-0.0012	-0.0136	0.0134	[redacted]	
Purdue	2.0811	8.69	80.71%	10.76	-0.0093	-0.0301	-0.0520	0.2148	0.0042	-0.0015	0.1261	2.1156	8.81	81.85%
Purex	0.7544	6.65	47.10%	14.12	-0.0012	-0.0110	-0.0582	0.0541	0.0007	-0.0020	-0.0176	0.7905	6.68	47.29%
Purple	0.0036	9.23	77.22%	11.96	-0.0185	-0.0656	-0.1219	0.0476	0.0031	-0.0013	-0.1566	0.0227	9.20	76.96%
Putney	0.0007	2.52	90.14%	2.80	-0.0089	-0.0041	-0.0128	0.0582	0.0027	-0.0013	0.0338	0.0009	2.54	90.66%
Putter	0.0018	8.77	73.31%	11.96	-0.0559	-0.0423	-0.0631	0.1019	0.0038	-0.0019	-0.0575	0.0018	8.74	73.14%
Pyle	0.0000	5.02	38.37%	13.09	-0.0186	-0.0370	-0.0422	0.0367	0.0030	0.0011	-0.0570	0.0000	5.01	38.29%
Pyramid	0.0026	9.98	83.46%	11.96	-0.0801	-0.0341	-0.0660	0.0328	0.0036	-0.0008	-0.1446	0.0038	9.93	83.06%
Pyrus	0.0000	8.29	69.37%	11.96	-0.0395	-0.0197	-0.0335	0.1066	0.0050	-0.0006	0.0183	0.0000	8.30	69.42%
Python	0.0075	14.44	89.24%	16.18	-0.0433	-0.0162	-0.0711	0.3487	0.0038	-0.0015	0.2204	0.0390	14.55	89.96%
Qatar	0.0000	9.92	82.96%	11.96	-0.0343	-0.0038	-0.0289	0.1933	0.0056	-0.0003	0.1316	0.0000	9.97	83.36%
Quail	0.0060	[redacted]			-0.0001	-0.0002	-0.0153	0.0012	0.0046	-0.0003	-0.0101	0.0100	[redacted]	
Quaker	0.0006	1.99	68.09%	2.93	-0.0044	-0.0006	-0.0061	0.0369	0.0032	-0.0003	0.0287	0.0010	2.00	68.44%
Quarry	0.0060	10.08	96.56%	10.43	-0.0991	-0.0034	-0.0349	0.1504	0.0052	-0.0003	0.0179	0.0060	10.09	96.70%
Quart	0.0005	10.04	84.00%	11.96	-0.0355	-0.0586	-0.0678	0.0455	0.0043	-0.0051	-0.1172	0.0009	10.01	83.74%
Quarter	0.0001	4.39	36.72%	11.96	-0.0059	-0.0252	-0.0531	0.0269	0.0021	-0.0001	-0.0553	0.0005	4.38	36.62%
Quarterback	0.7678	9.53	79.72%	11.96	-0.0317	-0.0195	-0.0361	0.0578	0.0042	-0.0004	-0.0257	0.7681	9.53	79.71%
Quartz	0.0025	[redacted]			-0.0122	-0.0713	-0.0714	0.0281	0.0017	0.0000	-0.1251	0.0033	[redacted]	
Quasar	0.0082	9.99	95.70%	10.43	-0.0494	-0.0079	-0.0380	0.0643	0.0059	-0.0035	-0.0286	0.0143	9.99	95.73%
Quebec	0.0000	2.10	93.22%	2.26	-0.0058	-0.0027	-0.0112	0.0325	0.0039	-0.0006	0.0161	0.0000	2.11	93.44%
Queen	0.0000	[redacted]			-0.0009	-0.0085	-0.0058	0.0051	0.0014	-0.0002	-0.0089	0.0000	[redacted]	
Queen Mary 1	0.0001	[redacted]			-0.0001	-0.0018	-0.0053	0.0026	0.0013	0.0000	-0.0033	0.0004	[redacted]	
Queensland	0.0101	11.45	95.79%	11.96	-0.0368	-0.0034	-0.0476	0.0276	0.0050	-0.0004	-0.0556	0.0173	11.44	95.71%
Quicksilver	2.0030	11.87	90.71%	13.09	-0.0604	-0.0230	-0.0564	0.3367	0.0107	0.0001	0.2077	2.0030	11.95	91.34%
Quinby	0.0012	10.04	83.96%	11.96	-0.0168	-0.0337	-0.0907	0.0940	0.0032	-0.0072	-0.0512	0.0016	10.02	83.83%
Quincy	0.0006	1.86	63.57%	2.93	-0.0098	-0.0082	-0.0118	0.0496	0.0027	-0.0004	0.0221	0.0010	1.88	64.01%
Quinto	0.0000	9.52	79.62%	11.96	-0.0325	-0.0054	-0.0376	0.1556	0.0056	-0.0003	0.0854	0.0106	9.56	79.99%
Rabbit	0.0000	2.54	60.85%	4.17	-0.0784	-0.0058	-0.0132	0.0082	0.0028	-0.0018	-0.0882	0.0000	2.53	60.65%
Racer	0.0000	6.28	38.83%	16.18	-0.0122	-0.0019	-0.0141	0.0464	0.0019	0.0000	0.0201	0.0000	6.29	38.88%
Raceway	0.0079	[redacted]			0.0000	-0.0064	-0.0684	0.0062	0.0775	0.0000	0.0089	0.0097	[redacted]	
Racine	0.0060	[redacted]			-0.0216	-0.0766	-0.1092	0.1038	0.0032	-0.0033	-0.1037	0.0066	[redacted]	
Racquet Club	0.0000	1.23	57.64%	2.14	-0.0044	0.0000	-0.0026	0.0052	0.0009	0.0000	-0.0009	0.0000	1.23	57.66%
Radec	0.0046	9.26	87.68%	10.57	-0.0188	-0.0896	-0.0826	0.0492	0.0026	-0.0006	-0.1398	0.0144	9.23	87.35%
Radford	0.0041	10.08	91.24%	11.04	-0.0420	-0.0319	-0.0637	0.1560	0.0041	-0.0003	0.0222	0.0054	10.10	91.49%
Radiator	0.0033	2.92	18.38%	15.88	-0.0009	-0.0002	-0.0018	0.0196	0.0029	0.0000	0.0196	0.0046	2.93	18.44%
Radium	0.0000	[redacted]			-0.0025	-0.0205	-0.0361	0.0578	0.0022	-0.0005	0.0004	0.0000	[redacted]	
Radnor	0.3578	8.21	73.72%	11.13	-0.0006	-0.0010	-0.0526	0.0417	0.0033	-0.0015	-0.0107	0.3735	8.22	73.85%
Rahal	0.0075	10.43	87.25%	11.96	-0.0147	-0.0455	-0.0872	0.0619	0.0036	-0.0009	-0.0828	0.0106	10.41	87.08%
Rahn	0.0041	[redacted]			-0.0040	-0.0637	-0.0891	0.3431	0.0013	0.0000	0.1876	0.0067	[redacted]	
Raiders	0.0004	8.22	68.74%	11.96	-0.0490	-0.0295	-0.0571	0.2029	0.0059	-0.0006	0.0726	0.0020	8.29	69.30%
Rainbow	0.0033	[redacted]			-0.0414	-0.0334	-0.0528	0.0553	0.0028	-0.0007	-0.0702	0.0033	[redacted]	
Raisin	0.0000	[redacted]			-0.0511	-0.0414	-0.0845	0.0375	0.0046	-0.0009	-0.1358	0.0000	[redacted]	

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0408	-0.0758	-0.0911	0.0363	0.0052	-0.0010	-0.1672	0.0217	9.21	77.06%	11.96	-0.0493	-0.0964	-0.1110	0.0468	0.0080	-0.0012	-0.2031	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0419	-0.0625	-0.1033	0.0889	0.0075	-0.0052	-0.1165	0.0390	12.22	76.95%	15.88	-0.0554	-0.0793	-0.1277	0.1112	0.0116	-0.0065	-0.1461	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0099	-0.0801	-0.1073	0.0275	0.0028	-0.0004	-0.1674	3.5159	[redacted]			-0.0122	-0.1021	-0.1325	0.0340	0.0044	-0.0005	-0.2089	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0403	-0.1053	-0.1347	0.1193	0.0058	-0.0050	-0.1602	0.0162	[redacted]			-0.0509	-0.1339	-0.1624	0.1455	0.0088	-0.0062	-0.1991	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0600	-0.0718	-0.0969	0.0585	0.0087	-0.0021	-0.1636	16.4765	5.52	46.14%	11.96	-0.0739	-0.0935	-0.1168	0.0723	0.0135	-0.0024	-0.2008	0.00	0.00	9.24	16.41	16.85	0.00%	0.00%	78.11%	138.72%	142.80%
14.12	-0.0470	-0.0930	-0.1359	0.6991	0.0152	-0.0074	0.4310	0.7400	12.04	85.31%	14.12	-0.0590	-0.1179	-0.1692	0.8553	0.0223	-0.0097	0.5218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0002	-0.0060	-0.0125	0.0036	0.0400	0.0000	0.0249	0.0211	[redacted]			-0.0003	-0.0076	-0.0147	0.0044	0.0398	0.0000	0.0216	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0210	-0.0331	-0.0556	0.1641	0.0052	-0.0055	0.0541	4.3783	9.36	78.27%	11.96	-0.0258	-0.0409	-0.0673	0.2001	0.0078	-0.0065	0.0674	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0206	-0.0004	-0.0110	0.0435	0.0074	-0.0004	0.0185	0.0033	1.95	81.71%	2.39	-0.0279	-0.0005	-0.0135	0.0524	0.0105	-0.0005	0.0205	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0125	-0.0743	-0.1028	0.1051	0.0038	-0.0036	-0.0843	0.0259	10.25	85.74%	11.96	-0.0154	-0.0945	-0.1251	0.1324	0.0056	-0.0044	-0.1014	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0288	-0.0602	-0.1550	0.0667	0.0042	-0.0004	-0.1735	0.0248	[redacted]			-0.0340	-0.0720	-0.1899	0.0835	0.0068	-0.0005	-0.2061	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1537	-0.0537	-0.0959	0.1823	0.0100	-0.0035	-0.1145	0.0273	10.63	88.91%	11.96	-0.1629	-0.0568	-0.1171	0.2320	0.0163	-0.0072	-0.0957	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0183	-0.0333	-0.0869	0.0440	0.0071	-0.0024	-0.0898	0.0000	5.68	47.51%	11.96	-0.0235	-0.0423	-0.1050	0.0561	0.0099	-0.0030	-0.1078	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1440	-0.0074	-0.0365	0.0671	0.0090	-0.0004	-0.1122	0.0227	10.11	84.52%	11.96	-0.1769	-0.0094	-0.0449	0.0809	0.0137	-0.0005	-0.1371	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0559	-0.0645	-0.1117	0.3081	0.0071	0.0015	0.0846	0.0028	9.93	65.93%	15.06	-0.0706	-0.0820	-0.1391	0.3933	0.0106	0.0017	0.1139	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0450	-0.0668	-0.0690	0.0936	0.0099	0.0004	-0.0769	0.0020	[redacted]			-0.0567	-0.0851	-0.0841	0.1219	0.0133	0.0006	-0.0901	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0479	-0.0474	-0.0772	0.0345	0.0089	-0.0030	-0.1321	0.0080	11.34	94.85%	11.96	-0.0594	-0.0598	-0.0934	0.0425	0.0131	-0.0038	-0.1608	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	-0.0131	-0.0029	-0.0158	0.0356	0.0055	-0.0010	0.0083	0.0220	1.75	88.17%	1.98	-0.0155	-0.0033	-0.0193	0.0435	0.0079	-0.0017	0.0116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.85	-0.0297	-0.0618	-0.1107	0.0806	0.0124	0.0005	-0.1087	2.3666	12.85	86.55%	14.85	-0.0395	-0.0787	-0.1331	0.1022	0.0180	0.0006	-0.1305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0859	-0.2146	-0.3386	0.2352	0.0855	-0.0091	-0.3275	1.4456	[redacted]			-0.1004	-0.2619	-0.4143	0.2856	0.1033	-0.0115	-0.3992	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1141	-0.0545	-0.0799	0.0921	0.0069	-0.0017	-0.1512	0.0014	10.09	84.43%	11.96	-0.1397	-0.0693	-0.0977	0.1132	0.0104	-0.0022	-0.1853	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0059	0.0602	0.0113	0.0005	0.0661	0.0000	1.90	65.00%	2.93	0.0000	0.0000	-0.0070	0.0756	0.0141	0.0009	0.0836	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0304	-0.0102	-0.0268	0.0580	0.0061	-0.0033	-0.0066	0.0015	6.93	57.99%	11.96	-0.0346	-0.0120	-0.0327	0.0702	0.0084	-0.0043	-0.0050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1661	-0.0828	-0.0939	0.3478	0.0047	0.0003	0.0100	3.4806	[redacted]			-0.2045	-0.1055	-0.1110	0.4517	0.0088	0.0006	0.0401	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0852	-0.0092	-0.0493	0.2914	0.0109	-0.0012	0.1574	0.0126	9.92	83.00%	11.96	-0.1096	-0.0117	-0.0604	0.3507	0.0164	-0.0015	0.1839	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.95	-0.0179	0.0000	-0.0080	0.0874	0.0073	0.0000	0.0688	0.0000	1.50	76.97%	1.95	-0.0230	0.0000	-0.0099	0.1067	0.0100	0.0000	0.0838	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0056	0.0861	0.0133	-0.0015	0.0923	0.0032	1.48	50.46%	2.93	0.0000	0.0000	-0.0068	0.1060	0.0179	-0.0019	0.1152	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0193	-0.0041	-0.0173	0.0508	0.0057	-0.0004	0.0154	0.0048	[redacted]			-0.0209	-0.0045	-0.0211	0.0637	0.0093	-0.0009	0.0256	0.00	0.00	0.00	0.00	0.00	[redacted]				
28.74	-0.2485	0.0000	-0.1721	0.2258	0.0451	-0.0108	-0.1605	0.5649	11.20	38.97%	28.74	-0.3076	0.0000	-0.2110	0.2745	0.0576	-0.0134	-0.1999	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.17	-0.0190	-0.0031	-0.0116	0.0082	0.0048	-0.0004	-0.0211	0.0000	1.65	39.47%	4.17	-0.0236	-0.0039	-0.0141	0.0100	0.0067	-0.0005	-0.0254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0529	-0.1549	-0.1543	0.1336	0.0080	-0.0026	-0.2231	0.0668	[redacted]			-0.0590	-0.1755	-0.1868	0.1735	0.0123	-0.0037	-0.2392	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0187	-0.0338	-0.0787	0.0422	0.0046	-0.0042	-0.0886	0.4518	[redacted]			-0.0230	-0.0430	-0.0963	0.0524	0.0068	-0.0052	-0.1083	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.74	-0.1209	-0.0147	-0.0368	0.2123	0.0179	0.0020	0.0598	0.0016	5.09	43.35%	11.74	-0.1536	-0.0182	-0.0453	0.2624	0.0220	0.0020	0.0693	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0191	-0.0912	-0.0799	0.0440	0.0008	-0.0010	-0.1464	0.0046	6.27	52.47%	11.96	-0.0236	-0.1160	-0.0971	0.0547	0.0010	-0.0012	-0.1822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0291	-0.1219	-0.1256	0.0285	0.0035	-0.0027	-0.2473	0.0063	8.55	71.51%	11.96	-0.0356	-0.1573	-0.1526	0.0353	0.0053	-0.0031	-0.3080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0105	-0.0065	-0.0071	0.0256	0.0020	0.0000	0.0035	0.0172	[redacted]			-0.0127	-0.0083	-0.0086	0.0328	0.0030	0.0000	0.0062	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0456	-0.0703	-0.1108	0.1127	0.0063	-0.0039	-0.1116	0.0463	10.79	90.25%	11.96	-0.0591	-0.0894	-0.1348	0.1389	0.0093	-0.0049	-0.1400	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.14	-0.0033	-0.0015	-0.0072	0.0149	0.0040	-0.0004	0.0065	0.0000	1.44	67.46%	2.14	-0.0043	-0.0019	-0.0088	0.0181	0.0057	-0.0005	0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0067	-0.0342	-0.0481	0.0378	0.0024	-0.0011	-0.0499	0.0005	[redacted]			-0.0082	-0.0436	-0.0575	0.0520	0.0031	-0.0014	-0.0556	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0446	-0.0349	-0.1200	0.3305	0.0115	-0.0117	0.1308	0.0000	13.31	93.14%	14.29	-0.0601	-0.0479	-0.1435	0.3937	0.0194	-0.0128	0.1488	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.1062	0.1348	0.0119	-0.0035	0.0370	0.0104	[redacted]			0.0000	0.0000	-0.1304	0.1676	0.0169	-0.0045	0.0496	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0250	-0.0979	-0.1388	0.0352	0.0055	-0.0008	-0.2218	0.4441	[redacted]			-0.0307	-0.1241	-0.1689	0.0434	0.0082	-0.0008	-0.2729	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0070	-0.0040	-0.0094	0.0072	0.0028	-0.0004	-0.0108	0.0145	1.11	37.99%	2.93	-0.0088	-0.0051	-0.0115	0.0088	0.0043	-0.0005	-0.0128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	-0.0748	-0.0065	-0.0236	0.0131	0.0043	-0.0022	-0.0897	0.0000	5.46	87.18%	6.26	-0.0810	-0.0071	-0.0289	0.0166	0.0069	-0.0038	-0.0973	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0484	-0.0386	-0.0860	0.1656	0.0076	-0.0012	-0.0010	0.5008	10.35	88.18%	11.74	-0.0681	-0.0517	-0.1051	0.1986	0.0104	-0.0014	-0.0173	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.22	-0.0047	0.0000	-0.0026	0.0607	0.0026	-0.0017	0.0543	0.0000	0.89	72.57%	1.22	-0.0057	0.0000	-0.0032	0.0726	0.0038	-0.0021	0.0654	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0173	-0.0433	-0.0423	0.0404	0.0160	0.0014	-0.0451	0.0384	[redacted]			-0.0209	-0.0552	-0.0495	0.0502	0.0159	0.0016	-0.0579	3.13	3.13	3.13	3.13	3.13	[redacted]				
[redacted]	-0.0098	-0.0294	-0.0533	0.0189	0.0043	-0.0025	-0.0718	0.0067	[redacted]			-0.0124	-0.0373	-0.0649	0.0234	0.0065	-0.0031	-0.0878	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1704	-0.5573	-0.2548	0.1884	0.0407	0.0005	-0.7529	22.5789	[redacted]			-0.2104	-0.7306	-0.3180	0.2401	0.0526	0.0026	-0.9637	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0026	-0.1321	-0.1506	0.0094	0.0038	0.0001	-0.2720	0.0052	[redacted]			-0.0031	-0.1650	-0.1808	0.0118	0.0049	0.0000	-0.3322	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0025	-0.0008	-0.0074	0.0045	0.0041	-0.0010	-0.0031	0.0089	[redacted]			-0.0026	-0.0008	-0.0089	0.0054	0.0055	-0.0013	-0.0027	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0578	-0.0962	-0.0768	0.0632	0.0037	-0.0042	-0.1681	0.3971	[redacted]			-0.0700	-0.1224	-0.0931	0.0852	0.0058	-0.0049	-0.1994	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0941	-0.0262	-0.0729	0.1641	0.0093	-0.0018	-0.0216	0.0235	11.42	95.54%	11.96	-0.1213	-0.0345	-0.0862	0.1982	0.0152	-0.0021	-0.0307	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0242	-0.1133	-0.1019	0.0212	0.0055	-0.0063	-0.2190	0.2187	9.20	76.91%	11.96	-0.0298	-0.1472	-0.1245	0.0256	0.0075	-0.0066	-0.2750	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1645	-0.0381	-0.0466	0.0879	0.0093	0.0000	-0.1520	0.0250	9.46	79.12%	11.96	-0.2013	-0.0484	-0.0560	0.1087	0.0150	0.0000	-0.1820	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0543	-0.1046	-0.1105	0.1993	0.0127	-0.0047	-0.0621	1.5417	16.01	98.97%	16.18	-0.0720	-0.1331	-0.1370	0.2521	0.0205	-0.0058	-0.0753	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0622	-0.0448	-0.0979	0.1137	0.0050	-0.0025	-0.0887	0.0000	13.82	85.42%	16.18	-0.0805	-0.0569	-0.1204	0.1394	0.0077	-0.0031	-0.1138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0058	-0.0754	-0.1506	0.0779	0.0042	-0.0040	-0.1537	0.0048	9.56	59.08%	16.18	-0.0069	-0.0924	-0.1836	0.0957	0.0064	-0.0049	-0.1857	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0173	-0.0198	-0.0168	0.0067	0.0030	-0.0008	-0.0450	0.0057	2.36	28.28%	8.35	-0.0212	-0.0252	-0.0201	0.0084	0.0043	-0.0010	-0.0548	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0500	-0.0466	-0.0414	0.0294	0.0028	-0.0005	-0.1063	0.0124	5.03	72.30%	6.96	-0.0621	-0.0593	-0.0505	0.0368	0.0045	-0.0006	-0.1312	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0957	-0.0115	-0.0569	0.0763	0.0077	-0.0008	-0.0809	0.1954	11.22	93.85%	11.96	-0.1194	-0.0142	-0.0699	0.0937	0.0117	-0.0010	-0.0991	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0637	-0.0315	-0.0585	0.0322	0.0078	-0.0013	-0.1150	0.0041	9.35	78.21%	11.96	-0.0793	-0.0408	-0.0718	0.0399	0.0115	-0.0016	-0.1421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0458	-0.0131	-0.0430	0.1796	0.0082	-0.0001	0.0858	0.0000	9.37	78.38%	11.96	-0.0575	-0.0167	-0.0507	0.2248	0.0135	-0.0001	0.1133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0956	-0.0790	-0.0997	0.1732	0.0237	-0.0024	-0.0798	0.0000	11.64	97.33%	11.96	-0.1277	-0.1011	-0.1237	0.2165	0.0316	-0.0030	-0.1074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0784	-0.0309	-0.0707	0.0479	0.0098	-0.0016	-0.1239	0.0000	8.73	73.04%	11.96	-0.0929	-0.0383	-0.0868	0.0582	0.0151	-0.0020	-0.1467	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0750	-0.0036	-0.0419	0.1910	0.0160	-0.0086	0.0779	0.3398	10.14	84.78%	11.96	-0.0859	-0.0042	-0.0504	0.2304	0.0245	-0.0116	0.1028	0.00	0.00	0.02	0.13	0.43	0.00%	0.00%	0.17%	1.08%	3.58%
[redacted]	-0.0318	-0.0704	-0.1185	0.0475	0.0049	-0.0009	-0.1692	0.7159	[redacted]			-0.0389	-0.0896	-0.1448	0.0579	0.0074	-0.0011	-0.2091	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0150	-0.0518	-0.1391	0.1114	0.0062	-0.0043	-0.0926	0.0003	9.05	75.72%	11.96	-0.0192	-0.0659	-0.1644	0.1353	0.0103	-0.0049	-0.1088	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0991	-0.0449	-0.0825	0.1965	0.0060	-0.0010	-0.0250	0.0000	9.55	79.91%	11.96	-0.1312	-0.0571	-0.1002	0.2397	0.0090	-0.0011	-0.0409	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0703	-0.0387	-0.0861	0.2148	0.0066	-0.0033	0.0230	0.1599	8.58	53.04%	16.18	-0.0927	-0.0492	-0.1066	0.2654	0.0106	-0.0041	0.0234	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0160	-0.0181	-0.0429	0.0736	0.0157	-0.0029	0.0094	0.0000	[redacted]			-0.0212	-0.0236	-0.0527	0.0886	0.0223	-0.0036	0.0098	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0036	0.0000	-0.0039	0.0126	0.0040	0.0000	0.0091	0.0357	1.15	48.05%	2.39	-0.0048	0.0000	-0.0048	0.0152	0.0057	0.0000	0.0113	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0454	-0.0471	-0.0881	0.1202	0.0086	-0.0029	-0.0547	0.0000	[redacted]			-0.0561	-0.0598	-0.1083	0.1466	0.0131	-0.0036	-0.0681	0.00	0.00	0.00	0.00	0.00	[redacted]				
32.93	-0.2462	0.0000	-0.1804	0.0888	0.0117	-0.0097	-0.3358	0.7706	16.91	51.33%	32.93	-0.3069	0.0000	-0.2209	0.1104	0.0179	-0.0121	-0.4116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0189	-0.0278	-0.0486	0.0376	0.0042	-0.0012	-0.0547	0.0036	[redacted]			-0.0234	-0.0354	-0.0595	0.0458	0.0063	-0.0014	-0.0676	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0036	-0.1376	-0.2022	0.0394	0.0032	-0.0004	-0.3012	0.0022	[redacted]			-0.0044	-0.1712	-0.2434	0.0516	0.0042	-0.0005	-0.3637	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1117	-0.0199	-0.0550	0.0865	0.0073	-0.0004	-0.0932	0.0057	10.02	83.81%	11.96	-0.1383	-0.0251	-0.0667	0.1063	0.0109	-0.0005	-0.1134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0225	-0.1346	-0.1674	0.0695	0.0081	-0.0007	-0.2476	0.0066	[redacted]			-0.0275	-0.1713	-0.2052	0.0938	0.0122	-0.0009	-0.2989	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0703	-0.0258	-0.0580	0.0981	0.0056	0.0011	-0.0493	0.7307	[redacted]			-0.0906	-0.0327	-0.0712	0.1225	0.0078	0.0012	-0.0630	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0083	-0.0013	-0.0045	0.0502	0.0044	0.0000	0.0405	0.1327	0.77	71.80%	1.07	-0.0109	-0.0017	-0.0056	0.0613	0.0059	0.0000	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0509	-0.0317	-0.0700	0.1154	0.0079	-0.0009	-0.0302	0.0000	10.72	89.70%	11.96	-0.0647	-0.0403	-0.0862	0.1409	0.0121	-0.0011	-0.0393	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0474	-0.0206	-0.0553	0.2270	0.0112	-0.0025	0.1124	0.0063	[redacted]			-0.0531	-0.0229	-0.0653	0.2760	0.0182	-0.0045	0.1484	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0089	-0.1052	-0.1941	0.0519	0.0040	-0.0016	-0.2539	0.0000	[redacted]			-0.0103	-0.1240	-0.2371	0.0648	0.0061	-0.0021	-0.3026	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0347	0.5498	0.0610	-0.0032	0.5729	0.0000	[redacted]			0.0000	0.0000	-0.0417	0.6839	0.0755	-0.0045	0.7132	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0245	-0.0518	-0.0509	0.0575	0.0091	-0.0006	-0.0612	0.0059	6.31	52.74%	11.96	-0.0296	-0.0660	-0.0612	0.0727	0.0133	-0.0008	-0.0716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0075	0.1807	0.0161	-0.0055	0.1838	0.0066	2.14	72.97%	2.93	0.0000	0.0000	-0.0088	0.2431	0.0190	-0.0056	0.2477	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.91	-0.0095	-0.0489	-0.1084	0.0798	0.0134	-0.0037	-0.0773	0.0335	11.46	96.22%	11.91	-0.0122	-0.0626	-0.1322	0.0977	0.0189	-0.0046	-0.0950	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0272	-0.0115	-0.0354	0.0720	0.0062	-0.0004	0.0037	0.0000	6.84	57.17%	11.96	-0.0338	-0.0146	-0.0432	0.0914	0.0095	-0.0005	0.0088	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1520	-0.0084	-0.0386	0.3259	0.0086	0.0000	0.1355	0.0007	9.27	77.56%	11.96	-0.1959	-0.0107	-0.0472	0.4001	0.0128	0.0000	0.1591	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0256	-0.0566	-0.0692	0.0653	0.0055	-0.0014	-0.0820	0.0000	7.38	61.74%	11.96	-0.0321	-0.0731	-0.0857	0.0816	0.0088	-0.0017	-0.1022	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0017	-0.0024	-0.0252	0.0077	0.0066	-0.0014	-0.0164	0.0277	[redacted]			-0.0024	-0.0036	-0.0308	0.0104	0.0089	-0.0016	-0.0191	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.76	-0.0093	-0.0302	-0.0653	0.3094	0.0075	-0.0034	0.2087	2.1162	8.88	82.46%	10.76	-0.0098	-0.0317	-0.0795	0.3861	0.0100	-0.0047	0.2704	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0015	-0.0148	-0.0764	0.0673	0.0008	-0.0027	-0.0273	0.9324	6.82	48.29%	14.12	-0.0018	-0.0188	-0.0936	0.0834	0.0009	-0.0034	-0.0333	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0251	-0.0885	-0.1567	0.0622	0.0051	-0.0017	-0.2047	0.0968	9.24	77.28%	11.96	-0.0298	-0.1046	-0.1917	0.0778	0.0077	-0.0022	-0.2428	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0102	-0.0046	-0.0168	0.0760	0.0046	-0.0022	0.0468	0.0013	2.55	91.16%	2.80	-0.0118	-0.0052	-0.0205	0.0933	0.0066	-0.0032	0.0592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0761	-0.0571	-0.0810	0.1330	0.0068	-0.0027	-0.0771	0.0018	9.66	80.82%	11.96	-0.0979	-0.0726	-0.0980	0.1623	0.0105	-0.0036	-0.0993	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0246	-0.0497	-0.0528	0.0526	0.0049	0.0020	-0.0676	0.0000	5.00	38.18%	13.09	-0.0304	-0.0634	-0.0651	0.0685	0.0074	0.0020	-0.0810	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1097	-0.0460	-0.0855	0.0464	0.0064	-0.0010	-0.1894	0.0067	9.88	82.64%	11.96	-0.1437	-0.0585	-0.1048	0.0596	0.0100	-0.0012	-0.2386	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0529	-0.0265	-0.0444	0.1394	0.0086	-0.0007	0.0235	0.0000	8.31	69.47%	11.96	-0.0663	-0.0336	-0.0533	0.1702	0.0133	-0.0009	0.0294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0556	-0.0211	-0.0919	0.4599	0.0064	-0.0020	0.2957	0.1737	14.77	91.32%	16.18	-0.0684	-0.0263	-0.1122	0.5606	0.0098	-0.0025	0.3610	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0454	-0.0051	-0.0356	0.2505	0.0108	-0.0004	0.1748	0.0000	10.01	83.72%	11.96	-0.0564	-0.0065	-0.0423	0.3023	0.0176	-0.0005	0.2142	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0002	-0.0004	-0.0195	0.0017	0.0059	-0.0004	-0.0129	0.0215	[redacted]			-0.0002	-0.0004	-0.0235	0.0021	0.0074	-0.0005	-0.0151	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0058	-0.0008	-0.0080	0.0477	0.0051	-0.0004	0.0378	0.0021	2.02	68.81%	2.93	-0.0072	-0.0010	-0.0098	0.0574	0.0076	-0.0005	0.0465	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1262	-0.0044	-0.0448	0.1982	0.0086	-0.0004	0.0310	0.0060	10.10	96.80%	10.43	-0.1531	-0.0054	-0.0544	0.2414	0.0132	-0.0005	0.0412	1.33	1.37	1.37	1.39	1.41	15.29%	15.75%	15.75%	15.98%	16.21%
11.96	-0.0460	-0.0790	-0.0876	0.0648	0.0073	-0.0067	-0.1472	0.0063	9.99	83.52%	11.96	-0.0556	-0.1002	-0.1073	0.0837	0.0111	-0.0084	-0.1767	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0074	-0.0318	-0.0678	0.0360	0.0036	-0.0002	-0.0676	0.0018	4.36	36.46%	11.96	-0.0095	-0.0422	-0.0827	0.0432	0.0054	-0.0002	-0.0860	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0395	-0.0253	-0.0467	0.0774	0.0073	-0.0006	-0.0274	0.7691	9.53	79.70%	11.96	-0.0467	-0.0313	-0.0571	0.0953	0.0113	-0.0008	-0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0163	-0.0962	-0.0905	0.0373	0.0018	0.0000	-0.1639	0.0048	[redacted]			-0.0201	-0.1226	-0.1081	0.0464	0.0018	0.0000	-0.2026	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0602	-0.0099	-0.0493	0.0834	0.0099	-0.0051	-0.0312	0.0300	10.00	95.86%	10.43	-0.0706	-0.0120	-0.0604	0.1003	0.0152	-0.0069	-0.0344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0079	-0.0036	-0.0151	0.0420	0.0063	-0.0008	0.0209	0.0000	2.11	93.63%	2.26	-0.0102	-0.0046	-0.0187	0.0506	0.0087	-0.0010	0.0248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0115	-0.0076	0.0068	0.0024	-0.0003	-0.0114	0.0000	[redacted]			-0.0015	-0.0146	-0.0093	0.0085	0.0032	-0.0003	-0.0140	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0001	-0.0018	-0.0064	0.0036	0.0013	0.0000	-0.0034	0.0013	[redacted]			-0.0001	-0.0018	-0.0075	0.0046	0.0013	0.0000	-0.0035	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0486	-0.0046	-0.0622	0.0361	0.0079	-0.0005	-0.0719	0.0346	11.45	95.72%	11.96	-0.0608	-0.0058	-0.0763	0.0441	0.0117	-0.0007	-0.0878	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0810	-0.0310	-0.0707	0.4457	0.0212	0.0001	0.2843	2.0030	12.03	91.90%	13.09	-0.1031	-0.0394	-0.0890	0.5523	0.0315	0.0001	0.3524	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0229	-0.0455	-0.1157	0.1219	0.0053	-0.0096	-0.0665	0.0023	9.99	83.52%	11.96	-0.0335	-0.0648	-0.1403	0.1428	0.0074	-0.0119	-0.1003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0121	-0.0100	-0.0151	0.0676	0.0044	-0.0008	0.0340	0.0019	1.89	64.62%	2.93	-0.0133	-0.0108	-0.0179	0.0854	0.0082	-0.0019	0.0497	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0415	-0.0070	-0.0488	0.2041	0.0091	-0.0004	0.1155	0.0697	9.66	80.77%	11.96	-0.0512	-0.0086	-0.0598	0.2478	0.0136	-0.0005	0.1413	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
4.17	-0.0851	-0.0064	-0.0171	0.0116	0.0041	-0.0033	-0.0962	0.0000	2.52	60.45%	4.17	-0.0915	-0.0070	-0.0207	0.0146	0.0056	-0.0050	-0.1040	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0162	-0.0025	-0.0185	0.0607	0.0033	0.0000	0.0268	0.0000	6.30	38.91%	16.18	-0.0206	-0.0032	-0.0228	0.0738	0.0050	0.0000	0.0322	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0086	-0.0838	0.0082	0.0779	0.0000	-0.0063	0.0137	[redacted]			0.0000	-0.0110	-0.0991	0.0102	0.0777	0.0000	-0.0222	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0287	-0.1034	-0.1394	0.1410	0.0052	-0.0043	-0.1296	0.0066	[redacted]			-0.0355	-0.1316	-0.1683	0.1768	0.0076	-0.0054	-0.1564	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.14	-0.0057	0.0000	-0.0036	0.0067	0.0021	0.0000	-0.0005	0.0000	1.23	57.68%	2.14	-0.0069	0.0000	-0.0044	0.0081	0.0031	0.0000	-0.0001	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0250	-0.1209	-0.1059	0.0662	0.0045	-0.0008	-0.1819	0.0561	9.23	87.35%	10.57	-0.0309	-0.1539	-0.1274	0.0831	0.0067	-0.0010	-0.2234	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.04	-0.0517	-0.0389	-0.0826	0.2130	0.0076	-0.0009	0.0465	0.0078	10.13	91.74%	11.04	-0.0625	-0.0462	-0.0979	0.2651	0.0134	-0.0012	0.0707	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0010	-0.0002	-0.0024	0.0272	0.0046	-0.0001	0.0281	0.0071	2.94	18.51%	15.88	-0.0011	-0.0002	-0.0030	0.0340	0.0064	-0.0002	0.0359	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0035	-0.0293	-0.0458	0.0722	0.0035	-0.0006	-0.0035	0.0000	[redacted]			-0.0035	-0.0293	-0.0497	0.1008	0.0067	-0.0002	0.0248	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.13	-0.0007	-0.0014	-0.0682	0.0549	0.0052	-0.0021	-0.0123	0.3735	8.22	73.85%	11.13	-0.0008	-0.0018	-0.0818	0.0670	0.0070	-0.0028	-0.0132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0191	-0.0614	-0.1126	0.0827	0.0059	-0.0012	-0.1057	0.0209	10.40	86.97%	11.96	-0.0233	-0.0781	-0.1369	0.1025	0.0087	-0.0016	-0.1287	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0053	-0.0865	-0.1149	0.4223	0.0014	-0.0001	0.2169	0.0134	[redacted]			-0.0065	-0.1107	-0.1413	0.5650	0.0015	-0.0001	0.3079	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0538	-0.0323	-0.0731	0.2849	0.0126	-0.0029	0.1354	0.0080	8.35	69.81%	11.96	-0.0588	-0.0352	-0.0874	0.3576	0.0180	-0.0055	0.1887	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0555	-0.0450	-0.0691	0.0832	0.0046	-0.0009	-0.0827	0.0033	[redacted]			-0.0695	-0.0573	-0.0836	0.1118	0.0062	-0.0011	-0.0935	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0701	-0.0559	-0.1070	0.0490	0.0082	-0.0012	-0.1770	0.0000	[redacted]			-0.0919	-0.0711	-0.1287	0.0598	0.0134	-0.0015	-0.2200	0.00	0.00	0.00	0.00	0.00	[redacted]				

Facility	GNA ID	2023										
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Raleigh		0.0000	2.01	84.26%	2.39	-0.0026	-0.0003	-0.0023	0.0173	0.0006	0.0000	0.0127
Ralston		0.0003	[redacted]			-0.0056	-0.0099	-0.0172	0.0087	0.0004	-0.0003	-0.0239
Ramac		0.9719	[redacted]			-0.0112	-0.0105	-0.0131	0.0351	0.0009	-0.0001	0.0011
Rambler		2.0531	10.60	88.66%	11.96	-0.0006	-0.0007	-0.0313	0.0525	0.0019	-0.0010	0.0208
Rambo		0.0001	10.49	87.71%	11.96	-0.0200	-0.0013	-0.0088	0.0115	0.0012	-0.0001	-0.0175
Ramp		0.0000	10.42	87.18%	11.96	-0.0041	-0.0037	-0.0267	0.1029	0.0019	-0.0014	0.0689
Rams		0.0003	[redacted]			-0.0134	-0.0272	-0.0403	0.0612	0.0007	-0.0007	-0.0197
Ramsey		0.0000	1.93	80.97%	2.39	-0.0018	-0.0029	-0.0043	0.0061	0.0004	-0.0003	-0.0028
Ramsgate		0.0001	11.40	95.31%	11.96	-0.0429	-0.0007	-0.0089	0.0429	0.0015	0.0000	-0.0081
Rana		0.0003	8.93	74.72%	11.96	-0.0267	-0.0045	-0.0128	0.0114	0.0009	-0.0002	-0.0319
Ranch		0.0000	8.25	68.98%	11.96	-0.0078	-0.0117	-0.0215	0.0277	0.0007	-0.0002	-0.0128
Rand		0.0000	5.79	48.40%	11.96	0.0000	0.0000	-0.0210	0.0137	0.0010	-0.0004	-0.0067
Ranier		0.0003	9.92	82.94%	11.96	-0.0090	-0.0023	-0.0227	0.0232	0.0014	-0.0011	-0.0105
Rankin		0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0002	0.0013	-0.0008	0.0005
Ransom		0.0000	1.63	68.28%	2.39	-0.0038	-0.0019	-0.0036	0.0222	0.0004	-0.0001	0.0132
Rapfeal		0.0123	3.06	83.63%	3.66	-0.0028	-0.0028	-0.0050	0.0025	0.0005	-0.0002	-0.0078
Raptor		0.0000	[redacted]			-0.0009	-0.0010	-0.0018	0.0000	0.0005	0.0000	-0.0032
Rasmussen		0.0001	[redacted]			-0.0029	-0.0282	-0.0271	0.0037	0.0009	0.0000	-0.0536
Raton	GNA_2023_315	0.0000	3.23	110.25%	2.93	-0.0060	-0.0001	-0.0030	0.0217	0.0008	0.0000	0.0134
Rattler		0.0000	10.45	64.61%	16.18	-0.0027	-0.0056	-0.0118	0.0256	0.0007	-0.0013	0.0049
Raul		0.8057	[redacted]			-0.0004	-0.0020	-0.0158	0.0029	0.0028	-0.0001	-0.0126
Raven	GNA_2023_316	3.2900	11.79	98.58%	11.96	-0.0220	-0.0333	-0.0332	0.0259	0.0013	0.0000	-0.0613
Ravenna		0.0002	7.30	61.07%	11.96	-0.0123	-0.0046	-0.0129	0.0471	0.0009	-0.0001	0.0181
Ravine		0.0004	13.91	86.00%	16.18	-0.0172	-0.0135	-0.0278	0.0340	0.0007	-0.0007	-0.0245
Rawson		0.3080	9.60	80.31%	11.96	-0.0213	-0.0005	-0.0071	0.0359	0.0017	0.0000	0.0087
Raybestos		0.2352	9.76	81.59%	11.96	-0.0061	-0.0307	-0.0368	0.0098	0.0004	-0.0005	-0.0639
Rayborn		0.0000	2.66	90.94%	2.93	-0.0015	-0.0007	-0.0056	0.0096	0.0008	-0.0005	0.0021
Rayburn		0.0002	7.16	59.91%	11.96	-0.0079	-0.0042	-0.0170	0.0280	0.0007	-0.0005	-0.0009
Razor		0.0000	6.83	57.15%	11.96	-0.0094	-0.0018	-0.0120	0.0062	0.0009	-0.0001	-0.0162
Ready		0.0002	[redacted]			-0.0058	-0.0413	-0.0677	0.0213	0.0012	-0.0030	-0.0953
Reagan		0.0004	10.22	85.51%	11.96	-0.0270	-0.0136	-0.0231	0.0152	0.0011	-0.0007	-0.0481
Reakes		0.0000	7.53	62.94%	11.96	-0.0167	-0.0016	-0.0094	0.0097	0.0012	-0.0001	-0.0169
Reasoner		0.0000	[redacted]			-0.0011	-0.0241	-0.0296	0.0210	0.0027	0.0001	-0.0310
Reche		0.3655	9.83	82.21%	11.96	-0.0314	-0.0159	-0.0226	0.0171	0.0010	-0.0013	-0.0531
Red		0.0003	[redacted]			-0.0079	-0.0272	-0.0298	0.0146	0.0004	-0.0006	-0.0505
Red Barn		0.0000	1.15	65.10%	1.76	-0.0037	-0.0004	-0.0016	0.0017	0.0002	-0.0001	-0.0039
Red Box		0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0006	0.0010	-0.0001	0.0013
Red Flag		0.0000	4.52	44.70%	10.11	-0.0075	-0.0045	-0.0099	0.0117	0.0007	-0.0001	-0.0096
Red Mountain		0.0001	[redacted]			-0.0053	-0.0029	-0.0046	0.0122	0.0011	-0.0001	0.0004
Redball	GNA_2023_28	0.0005	[redacted]			-0.0029	-0.0378	-0.0458	0.0042	0.0013	0.0002	-0.0808
Redbanks		2.3260	[redacted]			-0.0243	-0.0152	-0.0214	0.0074	0.0015	0.0001	-0.0519
Redcloud		0.0004	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Redgum		0.0000	[redacted]			-0.0003	-0.0061	-0.0104	0.0042	0.0007	0.0000	-0.0119
Redhill		0.0000	[redacted]			-0.0026	-0.0383	-0.0569	0.0088	0.0007	0.0004	-0.0879
Redick		0.0000	0.65	22.17%	2.93	-0.0003	-0.0002	-0.0013	0.0010	0.0004	-0.0002	-0.0006
Redington		0.7825	[redacted]			-0.0002	-0.0009	-0.0462	0.0018	0.0004	-0.0002	-0.0453
Redlabel	GNA_2023_188	0.0004	[redacted]			-0.0015	-0.0430	-0.0635	0.0018	0.0018	0.0000	-0.1044
Redskin		0.0004	9.55	79.88%	11.96	-0.0087	-0.0105	-0.0324	0.0356	0.0011	-0.0009	-0.0158
Redstone		0.0004	9.22	70.44%	13.09	-0.0131	-0.0198	-0.0380	0.0597	0.0012	-0.0003	-0.0103
Redwood		0.8943	9.84	82.28%	11.96	-0.0256	-0.0137	-0.0237	0.0132	0.0012	-0.0002	-0.0488
Reed		0.0001	[redacted]			-0.0175	-0.0035	-0.0097	0.0169	0.0004	-0.0002	-0.0136
Reeder		0.0003	9.13	76.36%	11.96	-0.0093	-0.0029	-0.0106	0.0280	0.0008	-0.0001	0.0059
Referee		0.0002	10.35	86.56%	11.96	-0.0212	-0.0069	-0.0152	0.0153	0.0009	0.0000	-0.0271
Refoil		0.0000	7.48	62.54%	11.96	-0.0152	-0.0123	-0.0269	0.0175	0.0011	-0.0003	-0.0361
Regal		0.0000	6.84	57.18%	11.96	-0.0169	-0.0074	-0.0167	0.0191	0.0004	-0.0001	-0.0216
Regent		0.0000	1.36	60.89%	2.23	-0.0013	0.0000	-0.0017	0.0202	0.0006	0.0000	0.0178
Regina		0.0000	2.72	92.73%	2.93	-0.0014	0.0000	-0.0018	0.0111	0.0008	-0.0001	0.0086
Reimann		0.0003	7.72	53.46%	14.44	-0.0098	-0.0063	-0.0236	0.0650	0.0016	-0.0005	0.0264
Rein		0.0000	8.39	70.21%	11.96	-0.0145	-0.0065	-0.0156	0.0141	0.0007	-0.0004	-0.0222
Reisling		0.0002	5.99	53.06%	11.28	-0.0128	-0.0060	-0.0096	0.0104	0.0008	-0.0003	-0.0175
Rejada		0.0000	[redacted]			-0.0039	-0.0380	-0.0613	0.0224	0.0012	-0.0002	-0.0798
Relief		0.0000	9.98	72.54%	13.76	-0.0051	-0.0076	-0.0201	0.0230	0.0009	-0.0013	-0.0102
Relish		0.0000	8.06	67.38%	11.96	-0.0088	-0.0103	-0.0194	0.0165	0.0006	-0.0003	-0.0217
Remote		0.4484	[redacted]			-0.1316	-0.0067	-0.0206	0.0267	0.0054	0.0029	-0.1239
Renault	GNA_2023_279	5.5110	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Republic		0.7953	10.23	72.02%	14.21	-0.0013	-0.0026	-0.0156	0.0530	0.0010	-0.0018	0.0327
Retreat		1.2320	6.11	79.19%	7.72	0.0000	0.0000	-0.0032	0.0199	0.0014	-0.0023	0.0158
Reverse Peak		0.0000	1.77	45.23%	3.91	0.0000	0.0000	-0.0023	0.0024	0.0024	-0.0020	0.0005
Rex		0.0000	2.35	80.30%	2.93	-0.0029	-0.0001	-0.0023	0.0096	0.0007	0.0000	0.0050
Rexford		0.1271	[redacted]			-0.0002	-0.0028	-0.0033	0.0007	0.0002	-0.0001	-0.0055
Rheem		0.0003	[redacted]			-0.0006	-0.0318	-0.0316	0.0031	0.0008	0.0000	-0.0601
Rhine	GNA_2023_272	0.0003	[redacted]			-0.0080	-0.0320	-0.0485	0.0079	0.0008	-0.0006	-0.0804
Rhinedollar		0.0000	[redacted]			-0.0005	-0.0002	-0.0002	0.0006	0.0001	0.0012	0.0010
Rhoads		0.6747	11.18	93.47%	11.96	-0.0069	-0.0138	-0.0216	0.0288	0.0007	-0.0009	-0.0137
Rhoda		0.0000	[redacted]			-0.0072	-0.0175	-0.0284	0.0283	0.0017	0.0001	-0.0230
Rhode Island		0.0002	5.93	49.59%	11.96	-0.0027	-0.0181	-0.0255	0.0098	0.0001	-0.0011	-0.0375
Rhumba		0.3447	11.08	90.75%	12.21	-0.0070	-0.0367	-0.0598	0.0243	0.0006	-0.0012	-0.0798
Ricardo		0.4742	8.25	58.45%	14.12	0.0000	0.0000	-0.0199	0.0272	0.0055	-0.0045	0.0083
Richgrove		0.0002	6.31	75.65%	8.35	-0.0018	-0.0054	-0.0074	0.0036	0.0020	0.0001	-0.0089
Richman		0.0000	2.04	75.42%	2.71	-0.0084	-0.0004	-0.0024	0.0080	0.0005	0.0000	-0.0027
Ricko		0.0000	10.70	89.45%	11.96	-0.0175	-0.0037	-0.0148	0.0671	0.0011	-0.0002	0.0320
Rickover		0.0000	[redacted]			0.0000	-0.0001	-0.0891	0.0032	0.0785	-0.0001	-0.0076
Ridge		0.0001	2.53	30.37%	8.35	-0.0024	-0.0047	-0.0077	0.0009	0.0001	-0.0006	-0.0144
Ridgeland		0.0000	[redacted]			-0.0020	-0.0003	-0.0013	0.0104	0.0010	0.0000	0.0078
Ridgemoor		0.3041	10.79	90.28%	11.96	-0.0420	-0.0046	-0.0127	0.0106	0.0010	-0.0002	-0.0479
Rieck		0.0001	1.80	32.40%	5.57	-0.0041	-0.0027	-0.0023	0.0020	0.0005	0.0002	-0.0064
Rifle		0.0000	5.94	59.55%	9.98	-0.0068	-0.0054	-0.0109	0.0162	0.0007	-0.0004	-0.0066
Riggin		0.0001	2.72	92.92%	2.93	-0.0034	-0.0011	-0.0042	0.0100	0.0006	-0.0002	0.0017
Riggs	GNA_2023_346	0.0001	[redacted]			-0.0003	-0.0173	-0.0342	0.0014	0.0079	0.0000	-0.0425
Riley		0.0000	3.75	31.36%	11.96	-0.0027	-0.0115	-0.0181	0.0039	0.0004	-0.0003	-0.0283
Rim		0.0000	5.17	82.56%	6.26	0.0000	0.0000	-0.0075	0.0252	0.0105	-0.0029	0.0253
Rimpau		0.0000	2.59	88.40%	2.93	-0.0007	-0.0006	-0.0036	0.0210	0.0017	-0.0004	0.0174
Rimrock		0.0000	8.12	77.80%	10.43	-0.0131	-0.0507	-0.0410	0.0332	0.0009	-0.0006	-0.0713
Riner		0.0004	10.90	67.38%	16.18	-0.0170	-0.0063	-0.0184	0.0224	0.0004	-0.0001	-0.0190
Ringo		0.0000	[redacted]			0.0000	0.0000	-0.0313	0.0170	0.0036	0.0000	-0.0107
Rinker		0.0004	9.58	80.09%	11.96	-0.0066	-0.0115	-0.0365	0.0114	0.0009	-0.0007	-0.0430
Rio Grande		0.0004	9.95	83.21%	11.96	-0.0136	-0.0027	-0.0145	0.0149	0.0009	-0.0001	-0.0151
Riptide		0.3042	14.44	95.14%	15.18	-0.0039	-0.0380	-0.0774	0.0582	0.0012	-0.0002	-0.0601
Rita		0.0000	0.70	79.64%	0.88	-0.0002	-0.0032	-0.0046	0.0028	0.0004	-0.0005	-0.0053
Ritter		0.0000	[redacted]			-0.0030	-0.0090	-0.0362	0.0056	0.0006	-0.0001	-0.0421
Riva		0.0002	13.79	97.67%	14.12	-0.0110	-0.0064	-0.0198	0.0409	0.0013	-0.0007	0.0043
Rivard		0.0000	9.08	75.95%	11.96	-0.0228	-0.0031	-0.0094	0.0098	0.0010	0.0000	-0.0245
River Bend		0.0002	3.75	54.71%	6.85	-0.0206	-0.0008	-0.0046	0.0021	0.0003	-0.0001	-0.0237
Rivergrade		0.0005	9.74	81.45%	11.96	-0.0138	-0.0185	-0.0269	0.0196	0.0009	-0.0002	-0.0389
Riverside		0.0003	10.40	64.31%	16.18	-0.0017	-0.0240	-0.0379	0.0039	0.0008	-0.0001	-0.0590
Riverview		0.0000	[redacted]			-0.0035	0.0000	-0.0001	0.0010	0.0001	0.0000	-0.0025
Rives		0.0000	2.76	94.10%	2.93	-0.0039	-0.0003	-0.0026	0.0124	0.0008	-0.0001	0.0063
Rivet		0.0000	1.66	59.31%	2.80	-0.0003	-0.0003	-0.0027	0.0209	0.0007	-0.0003	0.0180
Riviera		0.0000	1.51	63.36%	2.39	-0.0003	-0.0001	-0.0014	0.0343	0.0010	-0.0006	0.0329
Roadrunner		0.0003	[redacted]			-0.0446	-0.0045	-0.0113	0.0342	0.0017	0.0000	-0.0245
Roanoke		0.0000	2.39	81.65%	2.93	-0.0025	-0.0001	-0.0023	0.0109	0.0006	0.0000	0.0066
Robbie		0.0002	[redacted]			-0.0051	-0.0131	-0.0360	0.0357	0.0007	-0.0010	-0.0188
Robertson		0.0000	1.27	45.45%	2.80	-0.0004	-0.0007	-0.0022	0.0109	0.0003	-0.0001	0.0078
Robin		0.0013	[redacted]			0.0000	0.0000	-0.0024	0.0010	0.0031	-0.0001	0.0016
Robinson		0.0000	[redacted]			-0.0024	-0.0027	-0.0082	0.0119	0.0006	-0.0004	-0.0012
Robinson Creek		0.0000	0.77	62.89%	1.22	-0.0001	0.0000	-0.0003	0.0019	0.0004	-0.0015	0.0004
Roble		0.0002	6.32	60.54%	10.43	-0.0043	-0.0183	-0.0270	0.0319	0.0006	-0.0004	-0.0175
Rocha		0.0001	2.51	89.84%	2.80	0.0000	0.0000	-0.0017	0.0192	0.0051	-0.0001	0.0225
Rock		0.0000	9.00	75.25%	11.96	-0.0080	-0.0187	-0.0292	0.0260	0.0006	-0.0008	-0.0301
Rockcreek		0.0000	0.63	25.71%	2.43	-0.0013	-0.0002	-0.0004	0.0031	0.0016	0.0011	0.0039
Rocket		0.0000	2.80	98.82%	2.84	-0.0047	-0.0001	-0.0026	0.0125	0.0006	0.0000	0.0057
Rocket Town	GNA_2023_106	0.0003	[redacted]			-0.0086	-0.0024	-0.0229	0.0251	0.0011	-0.0011	-0.0088
Rockhill		0.0004	10.91	91.22%	11.96	-0.0258	-0.0041	-0.0142	0.0568	0.0009	-0.0002	0.0134
Rockridge		0.1775	8.90	74.41%	11.96	-0.0220	-0.0102	-0.0203	0.0323	0.0010	-0.0005	-0.0197
Rockwell		0.0002	8.40	70.26%	11.96	-0.0163	-0.0033	-0.0095	0.0170	0.0008	-0.0002	-0.0115
Rodeo		0.0000	2.22	79.12%	2.80	-0.0013	-0.0005	-0.0035	0.0049	0.0005	-0.0001	0.0000
Rodney		0.0000	9.22	77.08%	11.96	-0.0038	-0.0288	-0.0272	0.0284	0.0018	-0.0001	-0.0297
Roebuck		0.0001	1.76	71.92%	2.44	0.0000	0.0000	-0.0022	0.0132	0.0041	-0.0004	0.0147
Roeding		0.0000	5.16	43.12%	11.96	-0.0057	-0.0011	-0.0071	0.0227	0.0007	-0.0063	0.0032
Roi-Tan		0.0001	12.35	103.31%	11.96	-0.0300	-0.0078	-0.0265	0.0286	0.0015	-0.0004	-0.0346
Roma		0.9247	9.45	79.02%	11.96	-0.0143	-0.0191	-0.0375	0.0198	0.0008	-0.0001	-0.0504
Romanus		0.0000	13.16	81.38%	16.18	-0.0080	-0.0030	-0.0166	0.0320	0.0010	-0.0003	0.0051
Romero		0.0002	9.12	76.26%	11.96	-0.0406	-0.0098	-0.0166	0.0267	0.0009	-0.0002	-0.0396
Rommel		0.0001	9.42	78.77%	11.96	-0.0052	-0.0076	-0.0226	0.0412	0.0040	0.0005	0.0103
Ronnie		0.0000	0.57	53.58%	1.07	-0.0001	-0.0003	-0.0008	0.0120	0.0009	0.0000	0.0117

Facility	2024										
	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Raleigh	0.0000	2.03	84.92%	2.39	-0.0047	-0.0005	-0.0049	0.0357	0.0015	0.0000	0.0271
Ralston	0.0046	[redacted]			-0.0102	-0.0182	-0.0315	0.0182	0.0012	-0.0006	-0.0411
Ramac	1.2339	[redacted]			-0.0222	-0.0199	-0.0241	0.0726	0.0016	0.0000	0.0080
Rambler	2.0550	10.63	88.94%	11.96	-0.0012	-0.0013	-0.0552	0.1073	0.0046	-0.0035	0.0507
Rambo	0.0001	10.47	87.60%	11.96	-0.0353	-0.0025	-0.0185	0.0239	0.0029	-0.0001	-0.0296
Ramp	0.0004	10.43	87.24%	11.96	-0.0188	-0.0161	-0.0551	0.1617	0.0049	-0.0013	0.0753
Rams	0.0023	[redacted]			-0.0260	-0.0514	-0.0717	0.1270	0.0018	-0.0016	-0.0219
Ramsey	0.0006	1.93	80.93%	2.39	-0.0033	-0.0055	-0.0083	0.0126	0.0010	-0.0005	-0.0040
Ramsgate	0.0011	11.40	95.34%	11.96	-0.0773	-0.0012	-0.0196	0.0878	0.0037	0.0000	-0.0066
Rana	0.0051	6.89	57.59%	11.96	-0.0475	-0.0083	-0.0254	0.0255	0.0025	-0.0004	-0.0536
Ranch	0.0000	8.24	68.92%	11.96	-0.0145	-0.0219	-0.0409	0.0571	0.0018	-0.0004	-0.0188
Rand	0.0000	5.79	48.39%	11.96	0.0000	0.0000	-0.0370	0.0278	0.0022	-0.0013	-0.0083
Ranier	0.0057	9.92	82.95%	11.96	-0.0158	-0.0042	-0.0436	0.0472	0.0033	-0.0023	-0.0154
Rankin	0.0002	[redacted]			0.0000	0.0000	-0.0004	0.0005	0.0028	-0.0010	0.0019
Ransom	0.0000	1.66	69.57%	2.39	-0.0046	-0.0024	-0.0068	0.0557	0.0014	-0.0009	0.0424
Rapfeal	0.0165	3.06	83.57%	3.66	-0.0054	-0.0054	-0.0089	0.0052	0.0011	-0.0004	-0.0138
Raptor	0.0000	[redacted]			-0.0023	-0.0023	-0.0034	0.0000	0.0011	0.0000	-0.0069
Rasmussen	0.0013	[redacted]			-0.0062	-0.0553	-0.0480	0.0077	0.0027	0.0000	-0.0991
Raton	0.0000	2.69	91.82%	2.93	-0.0106	-0.0002	-0.0063	0.0443	0.0022	0.0000	0.0294
Rattler	0.0000	10.45	64.58%	16.18	-0.0058	-0.0134	-0.0260	0.0470	0.0015	-0.0023	0.0010
Raul	0.8101	[redacted]			-0.0008	-0.0036	-0.0258	0.0064	0.0049	-0.0002	-0.0191
Raven	3.2900	11.73	98.12%	11.96	-0.0425	-0.0631	-0.0653	0.0556	0.0037	-0.0001	-0.1117
Ravenna	0.0019	7.33	61.30%	11.96	-0.0233	-0.0087	-0.0250	0.0977	0.0022	-0.0002	0.0427
Ravine	0.0067	13.90	85.95%	16.18	-0.0304	-0.0253	-0.0535	0.0704	0.0019	-0.0013	-0.0382
Rawson	0.6418	9.97	83.38%	11.96	-0.0467	-0.0011	-0.0158	0.0659	0.0034	0.0000	0.0057
Raybestos	0.3108	9.78	81.81%	11.96	-0.0121	-0.0566	-0.0673	0.0204	0.0010	-0.0009	-0.1155
Rayborn	0.0000	2.67	91.05%	2.93	-0.0027	-0.0013	-0.0110	0.0195	0.0020	-0.0012	0.0053
Rayburn	0.0041	7.17	60.00%	11.96	-0.0141	-0.0079	-0.0305	0.0575	0.0015	-0.0012	0.0053
Razor	0.0000	10.51	87.94%	11.96	-0.0162	-0.0033	-0.0220	0.0126	0.0020	-0.0002	-0.0271
Ready	0.0022	[redacted]			-0.0112	-0.0778	-0.1197	0.0452	0.0024	-0.0068	-0.1679
Reagan	0.4126	10.63	88.95%	11.96	-0.0501	-0.0256	-0.0413	0.0340	0.0021	-0.0013	-0.0822
Reakes	0.0007	7.51	62.83%	11.96	-0.0298	-0.0030	-0.0198	0.0198	0.0031	-0.0002	-0.0299
Reasoner	0.0000	[redacted]			-0.0022	-0.0439	-0.0547	0.0449	0.0056	0.0003	-0.0500
Reche	0.4564	9.88	82.65%	11.96	-0.0579	-0.0302	-0.0433	0.0352	0.0027	-0.0025	-0.0960
Red	0.0034	[redacted]			-0.0151	-0.0504	-0.0543	0.0304	0.0018	-0.0011	-0.0887
Red Barn	0.0000	1.14	65.05%	1.76	-0.0056	-0.0006	-0.0032	0.0039	0.0009	-0.0002	-0.0048
Red Box	0.0000	[redacted]			0.0000	0.0000	-0.0004	0.0012	0.0031	-0.0001	0.0038
Red Flag	0.0000	5.01	49.61%	10.11	-0.0134	-0.0083	-0.0188	0.0253	0.0018	-0.0002	-0.0136
Red Mountain	0.0010	[redacted]			-0.0103	-0.0053	-0.0089	0.0285	0.0027	-0.0002	0.0065
Redball	0.0077	[redacted]			-0.0055	-0.0687	-0.0842	0.0088	0.0034	0.0003	-0.1459
Redbanks	5.0300	[redacted]			-0.0454	-0.0281	-0.0338	0.0157	0.0043	0.0002	-0.0871
Redcloud	0.0079	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Redgum	0.0000	[redacted]			-0.0006	-0.0112	-0.0178	0.0088	0.0011	0.0000	-0.0197
Redhill	0.0000	[redacted]			-0.0052	-0.0699	-0.1001	0.0186	0.0016	0.0009	-0.1541
Redick	0.0004	0.65	22.10%	2.93	-0.0014	-0.0011	-0.0025	0.0017	0.0008	-0.0003	-0.0028
Redington	0.7845	[redacted]			-0.0004	-0.0017	-0.0834	0.0037	0.0009	-0.0008	-0.0817
Redlabel	0.0055	[redacted]			-0.0029	-0.0779	-0.1176	0.0037	0.0052	0.0000	-0.1895
Redskin	0.0062	9.55	79.88%	11.96	-0.0158	-0.0196	-0.0603	0.0733	0.0033	-0.0017	-0.0208
Redstone	1.5363	10.87	83.04%	13.09	-0.0246	-0.0369	-0.0642	0.1329	0.0022	-0.0007	0.0087
Redwood	0.8982	8.50	71.10%	11.96	-0.0460	-0.0254	-0.0406	0.0272	0.0032	-0.0003	-0.0819
Reed	0.0017	[redacted]			-0.0205	-0.0041	-0.0185	0.0423	0.0012	-0.0017	-0.0013
Reeder	0.0042	9.15	76.49%	11.96	-0.0163	-0.0054	-0.0220	0.0584	0.0021	-0.0002	0.0166
Referee	0.0033	10.33	86.41%	11.96	-0.0382	-0.0129	-0.0289	0.0315	0.0025	-0.0001	-0.0461
Refoil	0.0000	7.45	62.35%	11.96	-0.0270	-0.0227	-0.0464	0.0365	0.0022	-0.0005	-0.0579
Regal	0.0000	6.82	57.05%	11.96	-0.0307	-0.0143	-0.0300	0.0372	0.0017	-0.0001	-0.0362
Regent	0.0000	1.38	61.84%	2.23	-0.0024	0.0000	-0.0033	0.0421	0.0013	0.0000	0.0377
Regina	0.0000	2.72	92.99%	2.93	-0.0039	-0.0001	-0.0039	0.0213	0.0019	-0.0001	0.0152
Reimann	0.3797	8.18	56.64%	14.44	-0.0139	-0.0090	-0.0398	0.1424	0.0030	-0.0029	0.0798
Rein	0.0005	8.38	70.08%	11.96	-0.0282	-0.0118	-0.0303	0.0322	0.0020	-0.0007	-0.0368
Reisling	0.0013	5.97	52.94%	11.28	-0.0227	-0.0116	-0.0194	0.0215	0.0020	-0.0006	-0.0308
Rejada	4.8001	[redacted]			-0.0076	-0.0699	-0.1048	0.0507	0.0022	-0.0005	-0.1299
Relief	0.0000	9.97	72.42%	13.76	-0.0118	-0.0185	-0.0376	0.0423	0.0022	-0.0023	-0.0257
Relish	0.0000	8.04	67.24%	11.96	-0.0155	-0.0193	-0.0369	0.0342	0.0016	-0.0006	-0.0365
Remote	0.5678	[redacted]			-0.2529	-0.0120	-0.0414	0.0580	0.0106	0.0054	-0.2323
Renault	5.5110	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Republic	0.9781	13.39	94.28%	14.21	-0.0051	-0.0113	-0.0302	0.0916	0.0022	-0.0031	0.0441
Retreat	1.7762	6.72	87.14%	7.72	0.0000	0.0000	-0.0069	0.0407	0.0027	-0.0053	0.0312
Reverse Peak	0.0000	1.77	45.30%	3.91	0.0000	0.0000	-0.0043	0.0049	0.0050	-0.0028	0.0028
Rex	0.0000	2.35	80.40%	2.93	-0.0065	-0.0003	-0.0049	0.0177	0.0017	0.0000	0.0077
Rexford	0.1628	[redacted]			-0.0004	-0.0053	-0.0058	0.0015	0.0006	-0.0001	-0.0095
Rheem	0.0051	[redacted]			-0.0012	-0.0562	-0.0564	0.0069	0.0021	0.0001	-0.1047
Rhine	0.0056	[redacted]			-0.0135	-0.0550	-0.0866	0.0186	0.0016	-0.0013	-0.1362
Rhinedollar	0.0000	[redacted]			-0.0010	-0.0004	-0.0004	0.0013	0.0002	0.0013	0.0010
Rhoads	0.8424	11.35	94.94%	11.96	-0.0125	-0.0261	-0.0424	0.0598	0.0019	-0.0018	-0.0211
Rhoda	0.0006	[redacted]			-0.0123	-0.0302	-0.0584	0.0702	0.0026	0.0000	-0.0281
Rhode Island	0.0020	5.90	49.33%	11.96	-0.0054	-0.0341	-0.0465	0.0202	0.0003	-0.0021	-0.0676
Rhumba	0.4293	11.10	90.98%	12.21	-0.0128	-0.0688	-0.1072	0.0511	0.0025	-0.0022	-0.1374
Ricardo	0.5365	8.33	59.03%	14.12	0.0000	0.0000	-0.0365	0.0557	0.0148	-0.0083	0.0257
Richgrove	0.0031	6.31	75.64%	8.35	-0.0028	-0.0078	-0.0121	0.0072	0.0031	0.0001	-0.0123
Richman	0.0000	2.04	75.40%	2.71	-0.0152	-0.0008	-0.0049	0.0165	0.0014	0.0000	-0.0030
Ricko	0.0000	10.71	89.60%	11.96	-0.0383	-0.0087	-0.0297	0.1233	0.0025	-0.0004	0.0487
Rickover	0.0004	[redacted]			0.0000	-0.0002	-0.1561	0.0065	0.1604	-0.0002	0.0104
Ridge	0.0013	2.52	30.23%	8.35	-0.0048	-0.0089	-0.0142	0.0020	0.0004	-0.0013	-0.0268
Ridgeland	0.0000	[redacted]			-0.0036	-0.0006	-0.0029	0.0215	0.0020	0.0000	0.0164
Ridgemoor	0.3856	10.84	90.69%	11.96	-0.0752	-0.0086	-0.0251	0.0219	0.0029	-0.0003	-0.0844
Rieck	0.0010	1.80	32.32%	5.57	-0.0082	-0.0049	-0.0045	0.0041	0.0011	0.0007	-0.0117
Rifle	0.0000	5.95	59.62%	9.98	-0.0102	-0.0084	-0.0206	0.0377	0.0019	-0.0008	-0.0004
Riggin	0.0008	2.73	93.09%	2.93	-0.0061	-0.0020	-0.0082	0.0205	0.0016	-0.0004	0.0054
Riggs	0.0022	[redacted]			-0.0006	-0.0313	-0.0605	0.0029	0.0149	0.0000	-0.0746
Riley	0.0000	3.73	31.16%	11.96	-0.0052	-0.0213	-0.0334	0.0081	0.0011	-0.0006	-0.0513
Rim	0.0006	5.20	83.10%	6.26	0.0000	0.0000	-0.0141	0.0514	0.0222	-0.0044	0.0551
Rimpau	0.0000	2.61	89.08%	2.93	-0.0013	-0.0012	-0.0074	0.0427	0.0042	-0.0010	0.0360
Rimrock	0.0000	8.06	77.28%	10.43	-0.0247	-0.0978	-0.0718	0.0701	0.0023	-0.0010	-0.1229
Riner	0.0061	10.90	67.36%	16.18	-0.0291	-0.0118	-0.0345	0.0466	0.0013	-0.0002	-0.0277
Ringo	0.0000	[redacted]			0.0000	0.0000	-0.0559	0.0346	0.0059	0.0000	-0.0154
Rinker	0.0062	9.55	79.88%	11.96	-0.0123	-0.0211	-0.0668	0.0270	0.0026	-0.0014	-0.0720
Rio Grande	0.0068	10.60	88.66%	11.96	-0.0240	-0.0049	-0.0290	0.0311	0.0045	-0.0002	-0.0225
Riptide	0.4299	14.55	95.85%	15.18	-0.0072	-0.0701	-0.1296	0.1216	0.0026	-0.0003	-0.0830
Rita	0.0000	0.69	79.18%	0.88	-0.0004	-0.0062	-0.0081	0.0058	0.0010	-0.0012	-0.0091
Ritter	0.0002	[redacted]			-0.0052	-0.0164	-0.0609	0.0117	0.0012	-0.0002	-0.0698
Riva	0.0032	13.80	97.78%	14.12	-0.0214	-0.0120	-0.0391	0.0867	0.0035	-0.0013	0.0164
Rivard	0.0000	9.10	76.08%	11.96	-0.0271	-0.0037	-0.0139	0.0212	0.0120	0.0012	-0.0103
River Bend	0.0004	4.47	65.29%	6.85	-0.0318	-0.0012	-0.0084	0.0051	0.0011	-0.0003	-0.0355
Rivergrade	0.0093	9.71	81.24%	11.96	-0.0246	-0.0338	-0.0538	0.0405	0.0023	-0.0004	-0.0698
Riverside	0.0029	10.36	64.03%	16.18	-0.0035	-0.0444	-0.0681	0.0086	0.0018	-0.0005	-0.1061
Riverview	0.0000	[redacted]			-0.0068	0.0000	-0.0002	0.0021	0.0005	0.0000	-0.0044
Rives	0.0000	2.76	94.39%	2.93	-0.0070	-0.0006	-0.0055	0.0254	0.0019	-0.0002	0.0140
Rivet	0.0000	1.68	59.91%	2.80	-0.0010	-0.0009	-0.0055	0.0399	0.0016	-0.0005	0.0336
Riviera	0.0003	1.55	64.79%	2.39	-0.0005	-0.0002	-0.0032	0.0697	0.0018	-0.0009	0.0667
Roadrunner	0.0047	[redacted]			-0.0687	-0.0069	-0.0245	0.0805	0.0036	0.0000	-0.0160
Roanoke	0.0000	2.40	81.94%	2.93	-0.0045	-0.0002	-0.0050	0.0225	0.0016	0.0000	0.0144
Robbie	0.0044	[redacted]			-0.0090	-0.0245	-0.0657	0.0741	0.0018	-0.0019	-0.0252
Robertson	0.0000	1.28	45.81%	2.80	-0.0007	-0.0013	-0.0042	0.0223	0.0010	-0.0002	0.0169
Robin	0.0032	[redacted]			0.0000	0.0000	-0.0047	0.0025	0.0078	-0.0001	0.0055
Robinson	0.0003	[redacted]			-0.0045	-0.0051	-0.0155	0.0245	0.0015	-0.0007	0.0002
Robinson Creek	0.0000	0.77	63.04%	1.22	-0.0002	0.0000	-0.0006	0.0039	0.0009	-0.0018	0.0022
Roble	0.0040	6.31	60.44%	10.43	-0.0082	-0.0364	-0.0486	0.0600	0.0028	-0.0006	-0.0310
Rocha	0.0014	2.55	91.02%	2.80	0.0000	0.0000	-0.0031	0.0469	0.0092	-0.0002	0.0528
Rock	0.0000	8.98	75.07%	11.96	-0.0141	-0.0352	-0.0544	0.0540	0.0015	-0.0015	-0.0497
Rockcreek	0.0002	0.63	25.84%	2.43	-0.0037	-0.0006	-0.0008	0.0065	0.0037	0.0015	0.0066
Rocket	0.0000	2.81	99.13%	2.84	-0.0083	-0.0002	-0.0054	0.0256	0.0018	0.0000	0.0135
Rocket Town	0.0046	[redacted]			-0.0149	-0.0044	-0.0430	0.0511	0.0028	-0.0030	-0.0114
Rockhill	0.0041	10.94	91.48%	11.96	-0.0459	-0.0076	-0.0298	0.1195	0.0024	-0.0004	0.0382
Rockridge	0.2229	8.94	74.75%	11.96	-0.0394	-0.0192	-0.0386	0.0674	0.0025	-0.0009	-0.0282
Rockwell	1.5178	10.07	84.22%	11.96	-0.0242	-0.0051	-0.0185	0.0396	0.0022	-0.0004	-0.0064
Rodeo	0.0002	2.22	79.18%	2.80	-0.0024	-0.0009	-0.0068	0.0100	0.0015	-0.0002	0.0012
Rodney	0.0000	9.20	76.95%	11.96	-0.0069	-0.0524	-0.0503	0.0595	0.0052	-0.0001	-0.0450
Roebuck	0.0014	1.77	72.62%	2.44	0.0000	0.0000	-0.0041	0.0268	0.0076	-0.0008	0.0295
Roeding	0.0007	5.16	43.18%	11.96	-0.0110	-0.0020	-0.0142	0.0465	0.0017	-0.0103	0.0107
Roi-Tan	0.0020	12.33	103.12%	11.96	-0.0531	-0.0145	-0.0509	0.0592	0.0034	-0.0009	-0.0568
Roma	0.9247	9.41	78.69%	11.96	-0.0265	-0.0356	-0.0668	0.0410	0.0020	-0.0002	-0.0861
Romanus	0.0000	13.18	81.45%	16.18	-0.0146	-0.0057	-0.0324	0.0667	0.0023	-0.0006	0.0157
Romero	0.0026	9.12	76.24%	11.96	-0.0623	-0.0154	-0.0310	0.0619	0.0025	-0.0004	-0.0447
Rommel	0.0022	9.44	78.98%	11.96	-0.0098	-0.0140	-0.0413	0.0869	0.0084	0.0011	0.0313
Ronnie	0.0001	0.59	55.01%	1.07	-0.0002	-0.0006	-0.0015	0.0267	0.0017	0.0000	0.0261

Facility	2025													
	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Raleigh	0.0000	2.04	85.56%	2.39	-0.0070	-0.0007	-0.0076	0.0536	0.0028	0.0000	0.0411	0.0000	2.06	86.36%
Ralston	0.0066	[redacted]			-0.0155	-0.0271	-0.0461	0.0277	0.0027	-0.0009	-0.0592	0.0112	[redacted]	
Ramac	1.3327	[redacted]			-0.0336	-0.0300	-0.0350	0.1120	0.0024	0.0001	0.0159	1.4051	[redacted]	
Rambler	2.0584	10.67	89.23%	11.96	-0.0018	-0.0019	-0.0795	0.1600	0.0081	-0.0060	0.0789	2.0992	10.28	85.94%
Rambo	0.0001	10.46	87.49%	11.96	-0.0506	-0.0038	-0.0284	0.0360	0.0052	-0.0001	-0.0417	0.0001	10.46	87.48%
Ramp	0.0005	10.44	87.32%	11.96	-0.0342	-0.0294	-0.0809	0.2212	0.0085	-0.0012	0.0840	0.0006	10.45	87.41%
Rams	0.0031	[redacted]			-0.0396	-0.0773	-0.1009	0.1919	0.0037	-0.0023	-0.0245	0.0041	[redacted]	
Ramsey	0.0011	1.93	80.89%	2.39	-0.0049	-0.0083	-0.0123	0.0189	0.0018	-0.0007	-0.0055	0.0022	1.93	80.80%
Ramsgate	0.0015	11.39	95.30%	11.96	-0.1163	-0.0018	-0.0306	0.1306	0.0074	0.0000	-0.0107	0.0019	11.35	94.95%
Rana	0.0069	6.87	57.44%	11.96	-0.0682	-0.0124	-0.0378	0.0415	0.0046	-0.0005	-0.0728	0.0092	6.85	57.32%
Ranch	0.0000	8.23	68.86%	11.96	-0.0216	-0.0328	-0.0600	0.0856	0.0034	-0.0006	-0.0260	0.0001	8.22	68.79%
Rand	0.0000	9.51	79.55%	11.96	0.0000	0.0000	-0.0523	0.0415	0.0038	-0.0022	-0.0092	0.0000	9.51	79.53%
Ranier	0.0084	9.92	82.93%	11.96	-0.0227	-0.0062	-0.0642	0.0698	0.0067	-0.0034	-0.0200	0.0144	9.92	82.94%
Rankin	0.0003	[redacted]			0.0000	0.0000	-0.0006	0.0007	0.0040	-0.0012	0.0029	0.0005	[redacted]	
Ransom	0.0000	1.69	70.84%	2.39	-0.0055	-0.0029	-0.0094	0.0872	0.0036	-0.0017	0.0713	0.0000	1.72	71.99%
Rapfeal	0.0181	3.06	83.45%	3.66	-0.0079	-0.0082	-0.0130	0.0078	0.0021	-0.0006	-0.0198	0.0201	3.05	83.35%
Raptor	0.0000	[redacted]			-0.0037	-0.0037	-0.0051	0.0000	0.0023	0.0000	-0.0102	0.0000	[redacted]	
Rasmussen	0.0019	[redacted]			-0.0090	-0.0804	-0.0712	0.0117	0.0050	0.0000	-0.1439	0.1004	[redacted]	
Raton	0.0000	2.70	92.34%	2.93	-0.0161	-0.0003	-0.0096	0.0658	0.0040	0.0000	0.0438	0.0000	2.72	92.78%
Rattler	0.0000	10.44	64.55%	16.18	-0.0091	-0.0216	-0.0405	0.0678	0.0031	-0.0034	-0.0037	0.0000	10.45	64.57%
Raul	0.8121	[redacted]			-0.0011	-0.0054	-0.0346	0.0105	0.0068	-0.0003	-0.0241	0.8133	[redacted]	
Raven	3.2905	11.67	97.63%	11.96	-0.0654	-0.0951	-0.0999	0.0872	0.0061	-0.0003	-0.1674	3.2917	11.62	97.17%
Ravenna	0.0023	7.36	61.52%	11.96	-0.0349	-0.0131	-0.0365	0.1475	0.0046	-0.0003	0.0673	0.0028	7.38	61.72%
Ravine	0.0095	13.89	85.86%	16.18	-0.0458	-0.0379	-0.0790	0.1062	0.0036	-0.0019	-0.0548	0.0161	13.88	85.78%
Rawson	0.9159	10.29	86.03%	11.96	-0.0635	-0.0015	-0.0241	0.1012	0.0060	0.0000	0.0181	1.0789	10.48	87.64%
Raybestos	0.3532	9.77	81.73%	11.96	-0.0184	-0.0845	-0.0954	0.0309	0.0018	-0.0013	-0.1669	0.3541	9.72	81.26%
Rayborn	0.0000	2.67	91.15%	2.93	-0.0041	-0.0020	-0.0164	0.0288	0.0038	-0.0019	0.0082	0.0000	2.67	91.23%
Rayburn	0.0059	7.18	60.06%	11.96	-0.0207	-0.0119	-0.0441	0.0858	0.0028	-0.0019	0.0100	0.0101	7.19	60.12%
Razor	0.0000	10.50	87.84%	11.96	-0.0237	-0.0049	-0.0321	0.0187	0.0037	-0.0003	-0.0386	0.0000	10.49	87.73%
Ready	0.0025	[redacted]			-0.0167	-0.1168	-0.1702	0.0700	0.0044	-0.0111	-0.2404	0.0034	[redacted]	
Reagan	0.4131	10.60	88.65%	11.96	-0.0749	-0.0384	-0.0606	0.0555	0.0048	-0.0017	-0.1153	0.4134	10.57	88.37%
Reakes	0.0008	7.50	62.70%	11.96	-0.0441	-0.0045	-0.0304	0.0293	0.0063	-0.0003	-0.0437	0.0011	7.47	62.47%
Reasoner	0.0000	[redacted]			-0.0033	-0.0652	-0.0811	0.0634	0.0132	0.0005	-0.0725	0.0000	[redacted]	
Reche	0.4874	9.87	82.52%	11.96	-0.0864	-0.0454	-0.0637	0.0528	0.0052	-0.0036	-0.1411	0.5078	9.84	82.28%
Red	0.0047	[redacted]			-0.0228	-0.0753	-0.0784	0.0463	0.0033	-0.0016	-0.1285	0.0052	[redacted]	
Red Barn	0.0000	1.14	64.99%	1.76	-0.0077	-0.0009	-0.0048	0.0061	0.0017	-0.0003	-0.0059	0.0147	1.16	65.80%
Red Box	0.0000	[redacted]			0.0000	0.0000	-0.0006	0.0018	0.0054	-0.0001	0.0065	0.0000	[redacted]	
Red Flag	0.0000	5.02	49.62%	10.11	-0.0177	-0.0109	-0.0276	0.0409	0.0036	-0.0003	-0.0120	0.0000	5.01	49.58%
Red Mountain	0.0011	[redacted]			-0.0154	-0.0079	-0.0132	0.0484	0.0044	-0.0003	0.0160	0.0011	[redacted]	
Redball	0.0111	[redacted]			-0.0081	-0.1021	-0.1218	0.0134	0.0058	0.0004	-0.2124	0.0192	[redacted]	
Redbanks	7.1478	[redacted]			-0.0674	-0.0419	-0.0487	0.0243	0.0067	0.0001	-0.1269	7.1478	[redacted]	
Redcloud	0.0109	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0109	[redacted]	
Redgum	0.0000	[redacted]			-0.0008	-0.0145	-0.0253	0.0154	0.0017	0.0000	-0.0235	0.0000	[redacted]	
Redhill	0.0000	[redacted]			-0.0079	-0.1040	-0.1424	0.0289	0.0026	0.0014	-0.2214	0.0000	[redacted]	
Redick	0.0006	0.65	22.03%	2.93	-0.0025	-0.0021	-0.0037	0.0024	0.0014	-0.0004	-0.0049	0.0010	0.64	21.98%
Redington	0.7854	[redacted]			-0.0006	-0.0025	-0.1188	0.0056	0.0014	-0.0014	-0.1163	0.7876	[redacted]	
Redlabel	0.0077	[redacted]			-0.0043	-0.1156	-0.1708	0.0056	0.0092	0.0000	-0.2759	0.0129	[redacted]	
Redskin	0.0090	9.55	79.85%	11.96	-0.0242	-0.0293	-0.0875	0.1097	0.0063	-0.0025	-0.0275	0.0374	9.57	80.00%
Redstone	1.5375	10.90	83.28%	13.09	-0.0365	-0.0552	-0.0896	0.2155	0.0039	-0.0011	0.0370	1.5449	12.06	92.17%
Redwood	0.9000	8.47	70.81%	11.96	-0.0685	-0.0380	-0.0563	0.0408	0.0059	-0.0005	-0.1166	0.9013	8.43	70.52%
Reed	0.0035	[redacted]			-0.0297	-0.0061	-0.0285	0.0641	0.0034	-0.0020	0.0012	0.0071	[redacted]	
Reeder	0.0059	9.16	76.60%	11.96	-0.0238	-0.0080	-0.0335	0.0886	0.0040	-0.0003	0.0270	0.0097	9.18	76.81%
Referee	0.0038	10.31	86.25%	11.96	-0.0548	-0.0194	-0.0416	0.0472	0.0046	-0.0002	-0.0642	0.0343	10.34	86.47%
Refoil	0.0000	7.43	62.18%	11.96	-0.0402	-0.0331	-0.0667	0.0589	0.0040	-0.0008	-0.0779	0.0000	7.41	61.97%
Regal	0.0000	6.80	56.89%	11.96	-0.0466	-0.0217	-0.0437	0.0543	0.0039	-0.0001	-0.0539	0.0000	6.79	56.78%
Regent	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Regina	0.0000	2.73	93.22%	2.93	-0.0068	-0.0002	-0.0060	0.0310	0.0036	-0.0001	0.0215	0.0000	2.74	93.55%
Reimann	0.3818	8.23	57.02%	14.44	-0.0181	-0.0119	-0.0555	0.2156	0.0053	-0.0053	0.1301	0.3867	8.26	57.18%
Rein	0.0007	8.37	69.99%	11.96	-0.0413	-0.0176	-0.0445	0.0536	0.0035	-0.0010	-0.0473	0.0009	8.36	69.94%
Reisling	0.0015	5.96	52.80%	11.28	-0.0338	-0.0175	-0.0292	0.0322	0.0038	-0.0008	-0.0453	0.0015	5.94	52.66%
Rejada	4.8023	[redacted]			-0.0113	-0.1042	-0.1493	0.0833	0.0038	-0.0007	-0.1784	8.3076	[redacted]	
Relief	0.0000	9.96	72.37%	13.76	-0.0167	-0.0258	-0.0548	0.0651	0.0042	-0.0034	-0.0314	0.0000	9.95	72.31%
Relish	0.0000	8.02	67.09%	11.96	-0.0230	-0.0289	-0.0541	0.0515	0.0031	-0.0009	-0.0523	0.0000	8.00	66.94%
Remote	0.6156	[redacted]			-0.3722	-0.0178	-0.0578	0.0903	0.0209	0.0080	-0.3286	0.6340	[redacted]	
Renault	5.5110	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.5110	[redacted]	
Republic	1.0381	13.49	94.98%	14.21	-0.0062	-0.0139	-0.0441	0.1431	0.0045	-0.0051	0.0783	1.0776	13.56	95.48%
Retreat	2.0448	7.04	91.17%	7.72	0.0000	0.0000	-0.0106	0.0612	0.0046	-0.0083	0.0469	2.3592	7.40	95.83%
Reverse Peak	0.0000	1.78	45.37%	3.91	0.0000	0.0000	-0.0061	0.0074	0.0075	-0.0036	0.0052	0.0000	1.78	45.45%
Rex	0.0000	2.36	80.47%	2.93	-0.0107	-0.0005	-0.0075	0.0255	0.0030	0.0000	0.0098	0.0000	2.36	80.67%
Rexford	0.1753	[redacted]			-0.0006	-0.0080	-0.0082	0.0023	0.0012	-0.0001	-0.0134	0.1833	[redacted]	
Rheem	0.0075	[redacted]			-0.0018	-0.0826	-0.0812	0.0112	0.0038	0.0002	-0.1504	0.0132	[redacted]	
Rhine	0.0081	[redacted]			-0.0198	-0.0798	-0.1254	0.0291	0.0029	-0.0020	-0.1950	0.0140	[redacted]	
Rhinedollar	0.0121	[redacted]			-0.0015	-0.0006	-0.0006	0.0021	0.0003	0.0014	0.0011	0.3850	[redacted]	
Rhoads	0.9048	11.41	95.44%	11.96	-0.0184	-0.0392	-0.0632	0.0903	0.0036	-0.0026	-0.0295	0.9441	11.45	95.74%
Rhoda	0.0024	[redacted]			-0.0177	-0.0439	-0.0864	0.1170	0.0038	-0.0001	-0.0273	0.0051	[redacted]	
Rhode Island	0.0027	5.87	49.06%	11.96	-0.0083	-0.0512	-0.0669	0.0303	0.0006	-0.0030	-0.0985	0.0036	5.83	48.78%
Rhumba	0.4628	11.08	90.76%	12.21	-0.0190	-0.1031	-0.1529	0.0767	0.0045	-0.0032	-0.1970	0.4838	11.06	90.59%
Ricardo	0.5601	8.38	59.34%	14.12	0.0000	0.0000	-0.0520	0.0839	0.0250	-0.0123	0.0446	0.5756	8.41	59.58%
Richgrove	0.0045	6.31	75.64%	8.35	-0.0033	-0.0091	-0.0168	0.0114	0.0042	0.0001	-0.0135	0.0291	6.34	75.94%
Richman	0.0000	2.04	75.35%	2.71	-0.0231	-0.0012	-0.0073	0.0247	0.0026	0.0000	-0.0043	0.0000	2.04	75.31%
Ricko	0.0004	10.75	89.91%	11.96	-0.0547	-0.0122	-0.0450	0.1899	0.0052	-0.0006	0.0826	0.0013	10.76	89.97%
Rickover	0.0010	[redacted]			0.0000	-0.0003	-0.2201	0.0097	0.2353	-0.0003	0.0243	0.0017	[redacted]	
Ridge	2.7104	5.31	63.56%	8.35	-0.0056	-0.0104	-0.0207	0.0034	0.0010	-0.0023	-0.0346	2.7113	5.30	63.48%
Ridgeland	0.0000	[redacted]			-0.0053	-0.0009	-0.0045	0.0323	0.0035	0.0000	0.0251	0.0000	[redacted]	
Ridgemoor	0.4145	10.84	90.63%	11.96	-0.1085	-0.0128	-0.0381	0.0328	0.0064	-0.0004	-0.1206	0.4333	10.82	90.48%
Rieck	0.0014	1.79	32.23%	5.57	-0.0122	-0.0073	-0.0068	0.0062	0.0017	0.0011	-0.0173	0.0521	1.84	33.12%
Rifle	0.0000	5.95	59.68%	9.98	-0.0140	-0.0116	-0.0302	0.0584	0.0036	-0.0012	0.0050	0.0000	5.95	59.64%
Riggin	0.0011	2.73	93.22%	2.93	-0.0093	-0.0030	-0.0122	0.0306	0.0030	-0.0006	0.0085	0.0019	2.73	93.34%
Riggs	0.0031	[redacted]			-0.0009	-0.0464	-0.0866	0.0045	0.0222	0.0000	-0.1072	0.0037	[redacted]	
Riley	0.0000	3.70	30.95%	11.96	-0.0077	-0.0318	-0.0484	0.0121	0.0021	-0.0009	-0.0746	0.0000	3.67	30.73%
Rim	0.0006	5.24	83.63%	6.26	0.0000	0.0000	-0.0209	0.0770	0.0355	-0.0059	0.0857	0.0008	5.27	84.16%
Rimpau	0.0000	2.63	89.65%	2.93	-0.0019	-0.0018	-0.0120	0.0631	0.0059	-0.0016	0.0517	0.0000	2.64	90.18%
Rimrock	0.0003	8.03	76.93%	10.43	-0.0341	-0.1345	-0.1066	0.1147	0.0050	-0.0017	-0.1572	0.0009	7.99	76.59%
Riner	0.0088	13.74	84.95%	16.18	-0.0422	-0.0177	-0.0503	0.0706	0.0026	-0.0003	-0.0373	0.0114	13.73	84.90%
Ringo	0.0008	[redacted]			0.0000	0.0000	-0.0790	0.0524	0.0084	0.0000	-0.0182	0.0026	[redacted]	
Rinker	0.0089	9.53	79.68%	11.96	-0.0182	-0.0315	-0.0966	0.0458	0.0051	-0.0021	-0.0975	0.0128	9.51	79.53%
Rio Grande	0.0098	10.60	88.62%	11.96	-0.0351	-0.0073	-0.0429	0.0473	0.0079	-0.0003	-0.0304	0.0169	10.60	88.62%
Riptide	0.4749	14.57	96.00%	15.18	-0.0107	-0.1046	-0.1797	0.1852	0.0047	-0.0005	-0.1056	0.5087	14.62	96.31%
Rita	0.0000	0.69	78.70%	0.88	-0.0006	-0.0094	-0.0115	0.0086	0.0017	-0.0019	-0.0131	0.0000	0.69	78.21%
Ritter	0.0004	[redacted]			-0.0076	-0.0244	-0.0851	0.0178	0.0023	-0.0003	-0.0973	0.0006	[redacted]	
Riva	0.0046	13.82	97.91%	14.12	-0.0318	-0.0180	-0.0584	0.1340	0.0071	-0.0015	0.0314	0.0083	13.84	98.05%
Rivard	0.0000	9.11	76.22%	11.96	-0.0314	-0.0043	-0.0184	0.0328	0.0239	0.0023	0.0049	0.0000	9.13	76.39%
River Bend	0.0005	4.46	65.11%	6.85	-0.0432	-0.0017	-0.0128	0.0085	0.0021	-0.0005	-0.0476	0.0009	4.45	64.94%
Rivergrade	0.0136	9.68	80.97%	11.96	-0.0372	-0.0503	-0.0814	0.0608	0.0043	-0.0005	-0.1043	0.0238	9.66	80.79%
Riverside	0.0039	10.31	63.73%	16.18	-0.0053	-0.0664	-0.0969	0.0134	0.0028	-0.0009	-0.1533	0.0052	10.26	63.43%
Riverview	0.0000	[redacted]			-0.0073	0.0000	-0.0003	0.0028	0.0043	0.0000	-0.0005	0.0000	[redacted]	
Rives	0.0000	2.77	94.66%	2.93	-0.0106	-0.0009	-0.0085	0.0377	0.0036	-0.0003	0.0210	0.0000	2.78	94.89%
Rivet	0.0000	1.70	60.62%	2.80	-0.0013	-0.0012	-0.0079	0.0602	0.0034	-0.0009	0.0523	0.0000	1.71	61.24%
Riviera	0.0004	1.58	66.12%	2.39	-0.0007	-0.0003	-0.0052	0.1029	0.0029	-0.0012	0.0984	0.0005	1.61	67.32%
Roadrunner	0.0064	[redacted]			-0.0932	-0.0095	-0.0370	0.1264	0.0061	0.0000	-0.0072	0.0085	[redacted]	
Roanoke	0.0000	2.41	82.37%	2.93	-0.0059	-0.0003	-0.0076	0.0363	0.0033	0.0000	0.0258	0.0000	2.42	82.76%
Robbie	0.0073	[redacted]			-0.0135	-0.0367	-0.0958	0.1084	0.0035	-0.0028	-0.0369	0.0404	[redacted]	
Robertson	0.0000	1.29	46.16%	2.80	-0.0011	-0.0020	-0.0061	0.0331	0.0021	-0.0003	0.0257	0.0000	1.30	46.54%
Robin	0.0040	[redacted]			0.0000	0.0000	-0.0068	0.0042	0.0123	-0.0001	0.0096	0.0047	[redacted]	
Robinson	0.0005	[redacted]			-0.0055	-0.0062	-0.0225	0.0382	0.0030	-0.0015	0.0055	0.0008	[redacted]	
Robinson Creek	0.0000	0.77	63.22%	1.22	-0.0003	0.0000	-0.0010	0.0059	0.0014	-0.0020	0.0040	0.0000	0.77	63.39%
Roble	0.0058	6.29	60.29%	10.43	-0.0126	-0.0557	-0.0713	0.0880	0.0049	-0.0010	-0.0477	0.0099	6.28	60.17%
Rocha	0.0020	2.58	92.22%	2.80	0.0000	0.0000	-0.0045	0.0752	0.0138	-0.0003	0.0842	0.0034	2.62	93.43%
Rock	0.0000	8.97	75.01%	11.96	-0.0185	-0.0467	-0.0791	0.0870	0.0032	-0.0023	-0.0564	0.0310	8.07	67.46%
Rockcreek	0.0003	0.64	26.11%	2.43	-0.0045	-0.0007	-0.0012	0.0098	0.0073	0.0017	0.0124	0.0004	0.64	26.32%
Rocket	0.0000	2.82	99.41%	2.84	-0.0126	-0.0003	-0.0083	0.0380	0.0036	0.0000	0.0204	0.0000	2.83	99.64%
Rocket Town	0.0061	[redacted]			-0.0222	-0.0066	-0.0630	0.0756	0.0052	-0.0050	-0.0160	0.0075	[redacted]	
Rockhill	0.0056	10.96	91.70%	11.96	-0.0687	-0.0114	-0.0456	0.1831	0.0046	-0.0005	0.0615	0.0074	10.99	91.91%
Rockridge	0.2364	8.94	74.80%	11.96	-0.0571	-0.0288	-0.0566	0.1024	0.0050	-0.0013	-0.0364	0.2462	8.96	74.95%
Rockwell	1.5192	10.08	84.27%	11.96	-0.0326	-0.0070	-0.0270	0.0617	0.0040	-0.0006	-0.0015	1.5225	10.08	84.34%
Rodeo	0.0003	2.22	79.24%	2.80	-0.0036	-0.0013	-0.0101	0.0149	0.0030	-0.0003	0.0026	0.0005	2.22	79.23%
Rodney	0.0000	9.18	76.80%	11.96	-0.0105	-0.0785	-0.0739	0.0908	0.0109	-0.0002	-0.0614	0.0000	9.16	76.63%
Roebuck	0.0016	1.79	73.29%	2.44	0.0000	0.0000	-0.0059	0.0404	0.0115	-0.0012	0.0448	0.0016	1.81	74.00%
Roeding	0.0009	5.17	43.24%	11.96	-0.0164	-0.0030	-0.0214	0.0691	0.0031	-0.0144	0.0170	0.0011	5.18	43.35%
Roi-Tan	0.0023	11.69	97.80%	11.96	-0.0793	-0.0217	-0.0753	0.0891	0.0067	-0.0014	-0.0819	0.0032	11.66	97.56%
Roma	0.9247	9.37	78.37%	11.96	-0.0402	-0.0533	-0.0939	0.0618	0.0042	-0.0003	-0.1217	0.9247	9.34	78.15%
Romanus	0.0000	13.19	81.53%	16.18	-0.0214	-0.0086	-0.0474	0.1012	0.0040	-0.0008	0.0270	0.0332	13.24	81.83%
Romero	0.0035	9.11	76.18%	11.96	-0.0845	-0.0214	-0.0451	0.0952	0.0046	-0.0006	-0.0518	0.0046	9.12	76.25%
Rommel	0.0031	9.47	79.19%	11.96	-0.0149	-0.0209	-0.0613	0.1356	0.0139	0.0017	0.0541	0.0053	9.50	79.42%
Ronnie	0.0001	0.60	56.04%	1.07	-0.0003	-0.0009	-0.0022	0.0373	0.0027	0.0000	0.0366	0.0084	0.62	57.69%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.39	-0.0086	-0.0009	-0.0098	0.0731	0.0047	0.0000	0.0585	0.0000	2.08	87.10%	2.39	-0.0102	-0.0011	-0.0119	0.0907	0.0071	0.0000	0.0746	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0212	-0.0366	-0.0599	0.0367	0.0045	-0.0012	-0.0777	0.0229	[redacted]			-0.0275	-0.0466	-0.0737	0.0455	0.0065	-0.0015	-0.0973	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0443	-0.0401	-0.0449	0.1528	0.0036	0.0001	0.0272	1.4067	[redacted]			-0.0550	-0.0511	-0.0538	0.1978	0.0055	0.0012	0.0446	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0024	-0.0026	-0.1022	0.2078	0.0136	-0.0085	0.1057	2.1565	10.33	86.41%	11.96	-0.0126	-0.0158	-0.1282	0.2487	0.0194	-0.0099	0.1016	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0581	-0.0045	-0.0366	0.0483	0.0091	-0.0013	-0.0431	0.0001	10.45	87.40%	11.96	-0.0723	-0.0059	-0.0455	0.0587	0.0141	-0.0013	-0.0522	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0493	-0.0434	-0.1031	0.2782	0.0130	-0.0011	0.0943	0.0008	10.46	87.51%	11.96	-0.0640	-0.0581	-0.1247	0.3346	0.0182	-0.0010	0.1050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0581	-0.1130	-0.1287	0.2424	0.0064	-0.0024	-0.0534	0.0060	[redacted]			-0.0770	-0.1503	-0.1532	0.2924	0.0094	-0.0025	-0.0812	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0069	-0.0117	-0.0158	0.0240	0.0028	-0.0009	-0.0085	0.0049	1.93	80.84%	2.39	-0.0087	-0.0147	-0.0194	0.0295	0.0041	-0.0011	-0.0103	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1832	-0.0028	-0.0399	0.1645	0.0115	0.0000	-0.0499	0.0026	11.30	94.55%	11.96	-0.2550	-0.0038	-0.0488	0.1964	0.0170	0.0000	-0.0942	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0884	-0.0167	-0.0492	0.0582	0.0079	-0.0006	-0.0888	0.0150	6.84	57.24%	11.96	-0.1077	-0.0212	-0.0602	0.0745	0.0120	-0.0007	-0.1033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0288	-0.0442	-0.0775	0.1118	0.0057	-0.0008	-0.0338	0.0004	8.21	68.70%	11.96	-0.0361	-0.0562	-0.0948	0.1364	0.0084	-0.0010	-0.0433	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0001	-0.0004	-0.0695	0.0553	0.0064	-0.0029	-0.0112	0.0000	9.50	79.50%	11.96	-0.0002	-0.0008	-0.0871	0.0677	0.0095	-0.0037	-0.0146	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0295	-0.0084	-0.0834	0.0898	0.0107	-0.0046	-0.0254	0.0301	9.93	83.03%	11.96	-0.0361	-0.0107	-0.1024	0.1075	0.0162	-0.0059	-0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	0.0000	-0.0008	0.0009	0.0059	-0.0010	0.0046	0.0010	[redacted]			-0.0008	0.0000	-0.0010	0.0011	0.0078	-0.0008	0.0063	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0065	-0.0034	-0.0118	0.1150	0.0067	-0.0025	0.0975	0.0000	1.74	73.01%	2.39	-0.0076	-0.0040	-0.0143	0.1397	0.0102	-0.0034	0.1206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.66	-0.0102	-0.0111	-0.0168	0.0102	0.0035	-0.0007	-0.0251	0.0228	3.05	83.28%	3.66	-0.0123	-0.0141	-0.0204	0.0124	0.0051	-0.0008	-0.0301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0049	-0.0052	-0.0064	0.0000	0.0036	0.0000	-0.0129	0.0000	[redacted]			-0.0060	-0.0068	-0.0075	0.0000	0.0052	0.0000	-0.0151	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0117	-0.1071	-0.0914	0.0156	0.0073	0.0000	-0.1873	0.5287	[redacted]			-0.0146	-0.1400	-0.1084	0.0194	0.0096	0.0000	-0.2340	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0225	-0.0004	-0.0128	0.0850	0.0068	0.0000	0.0561	0.0000	2.73	93.14%	2.93	-0.0301	-0.0005	-0.0159	0.1023	0.0103	0.0000	0.0661	0.30	0.30	0.30	0.30	0.30	10.24%	10.24%	10.24%	10.24%	10.24%
16.18	-0.0115	-0.0276	-0.0538	0.0905	0.0057	-0.0046	-0.0013	0.0000	10.45	64.58%	16.18	-0.0139	-0.0337	-0.0667	0.1110	0.0088	-0.0058	-0.0003	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0014	-0.0073	-0.0455	0.0154	0.0092	-0.0004	-0.0300	0.8173	[redacted]			-0.0017	-0.0093	-0.0565	0.0203	0.0118	-0.0005	-0.0359	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0898	-0.1291	-0.1278	0.1183	0.0088	-0.0004	-0.2200	3.2959	11.57	96.74%	11.96	-0.1160	-0.1650	-0.1514	0.1491	0.0115	-0.0006	-0.2724	4.30	4.30	4.20	4.10	3.90	39.81%	39.81%	38.89%	37.96%	36.11%
11.96	-0.0466	-0.0176	-0.0477	0.1939	0.0081	-0.0006	0.0895	0.0038	7.41	61.95%	11.96	-0.0582	-0.0223	-0.0559	0.2370	0.0141	-0.0007	0.1140	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0630	-0.0511	-0.1018	0.1393	0.0057	-0.0020	-0.0729	0.0321	13.87	85.74%	16.18	-0.0829	-0.0649	-0.1237	0.1705	0.0085	-0.0022	-0.0947	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0800	-0.0019	-0.0319	0.1327	0.0101	0.0000	0.0290	1.0965	10.51	87.90%	11.96	-0.0958	-0.0024	-0.0394	0.1611	0.0154	0.0000	0.0389	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0246	-0.1140	-0.1237	0.0408	0.0032	-0.0017	-0.2200	0.3541	9.66	80.77%	11.96	-0.0305	-0.1451	-0.1512	0.0505	0.0048	-0.0021	-0.2736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0058	-0.0027	-0.0218	0.0370	0.0063	-0.0026	0.0104	0.0000	2.67	91.27%	2.93	-0.0079	-0.0034	-0.0268	0.0443	0.0088	-0.0035	0.0115	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0275	-0.0160	-0.0567	0.1113	0.0044	-0.0026	0.0129	0.0206	7.20	60.23%	11.96	-0.0347	-0.0203	-0.0692	0.1345	0.0065	-0.0033	0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0317	-0.0066	-0.0414	0.0241	0.0059	-0.0004	-0.0501	0.0000	10.48	87.62%	11.96	-0.0404	-0.0084	-0.0506	0.0290	0.0086	-0.0005	-0.0623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0220	-0.1576	-0.2197	0.0941	0.0070	-0.0152	-0.3134	0.0064	[redacted]			-0.0270	-0.2002	-0.2680	0.1178	0.0104	-0.0193	-0.3863	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1011	-0.0518	-0.0776	0.0780	0.0084	-0.0023	-0.1464	0.4143	10.53	88.09%	11.96	-0.1281	-0.0658	-0.0943	0.0999	0.0129	-0.0029	-0.1783	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0686	-0.0070	-0.0398	0.0364	0.0102	-0.0003	-0.0691	0.0021	7.44	62.24%	11.96	-0.0938	-0.0096	-0.0490	0.0431	0.0150	-0.0003	-0.0946	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0044	-0.0879	-0.1039	0.0792	0.0202	0.0007	-0.0961	0.0000	[redacted]			-0.0054	-0.1120	-0.1242	0.1002	0.0237	0.0009	-0.1168	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1166	-0.0612	-0.0829	0.0689	0.0089	-0.0046	-0.1875	0.5078	9.79	81.84%	11.96	-0.1477	-0.0777	-0.1018	0.0840	0.0134	-0.0057	-0.2355	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0303	-0.1008	-0.1007	0.0608	0.0061	-0.0018	-0.1667	0.0052	[redacted]			-0.0378	-0.1277	-0.1208	0.0751	0.0084	-0.0019	-0.2047	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.76	-0.0103	-0.0012	-0.0063	0.0082	0.0029	-0.0004	-0.0071	0.1494	0.45	25.63%	1.76	-0.0132	-0.0015	-0.0077	0.0101	0.0045	-0.0005	-0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0008	0.0024	0.0076	-0.0001	0.0091	0.0000	[redacted]			0.0000	0.0000	-0.0010	0.0030	0.0096	-0.0001	0.0115	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.11	-0.0254	-0.0152	-0.0365	0.0553	0.0061	-0.0004	-0.0161	0.0000	5.01	49.53%	10.11	-0.0343	-0.0198	-0.0447	0.0691	0.0086	-0.0005	-0.0216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0203	-0.0107	-0.0173	0.0698	0.0074	-0.0004	0.0285	0.0011	[redacted]			-0.0249	-0.0136	-0.0210	0.0914	0.0101	-0.0005	0.0415	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0105	-0.1377	-0.1578	0.0178	0.0074	0.0005	-0.2803	0.0400	[redacted]			-0.0128	-0.1754	-0.1909	0.0221	0.0100	0.0006	-0.3464	2.61	2.83	1.96	2.28	2.28	[redacted]				
[redacted]	-0.0900	-0.0565	-0.0627	0.0327	0.0100	-0.0001	-0.1666	7.1478	[redacted]			-0.1135	-0.0719	-0.0763	0.0411	0.0139	-0.0002	-0.2069	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0109	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0010	-0.0180	-0.0331	0.0213	0.0017	0.0000	-0.0291	0.0000	[redacted]			-0.0012	-0.0217	-0.0409	0.0266	0.0017	0.0000	-0.0355	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0105	-0.1403	-0.1862	0.0391	0.0032	0.0020	-0.2927	0.0000	[redacted]			-0.0130	-0.1787	-0.2282	0.0493	0.0036	0.0026	-0.3644	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0036	-0.0032	-0.0049	0.0030	0.0024	-0.0005	-0.0068	0.0020	0.65	22.02%	2.93	-0.0039	-0.0034	-0.0060	0.0037	0.0037	-0.0007	-0.0066	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0034	-0.1504	0.0074	0.0015	-0.0020	-0.1477	0.7936	[redacted]			-0.0008	-0.0035	-0.1780	0.0090	0.0016	-0.0030	-0.1747	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0056	-0.1559	-0.2186	0.0074	0.0094	0.0000	-0.3633	0.0254	[redacted]			-0.0068	-0.1987	-0.2565	0.0092	0.0093	0.0000	-0.4435	2.37	2.30	2.20	2.11	2.20	[redacted]				
11.96	-0.0338	-0.0395	-0.1156	0.1428	0.0108	-0.0033	-0.0386	0.1430	9.66	80.81%	11.96	-0.0452	-0.0502	-0.1419	0.1728	0.0153	-0.0041	-0.0533	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	-0.0484	-0.0744	-0.1138	0.3012	0.0062	-0.0013	0.0695	1.5705	12.12	92.61%	13.09	-0.0599	-0.0945	-0.1406	0.3846	0.0099	-0.0016	0.0979	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0928	-0.0513	-0.0691	0.0535	0.0099	-0.0005	-0.1503	0.9053	8.39	70.20%	11.96	-0.1199	-0.0653	-0.0842	0.0663	0.0140	-0.0007	-0.1898	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0391	-0.0082	-0.0376	0.0840	0.0061	-0.0023	0.0029	0.0170	[redacted]			-0.0425	-0.0090	-0.0457	0.1036	0.0092	-0.0040	0.0116	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0288	-0.0098	-0.0433	0.1209	0.0069	-0.0003	0.0456	0.0189	9.21	77.05%	11.96	-0.0339	-0.0117	-0.0525	0.1502	0.0107	-0.0004	0.0624	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0653	-0.0239	-0.0540	0.0643	0.0083	-0.0003	-0.0709	0.1850	10.50	87.79%	11.96	-0.0751	-0.0286	-0.0662	0.0797	0.0131	-0.0004	-0.0775	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0556	-0.0441	-0.0864	0.0795	0.0064	-0.0011	-0.1013	0.0000	7.38	61.70%	11.96	-0.0755	-0.0565	-0.1056	0.0970	0.0091	-0.0013	-0.1328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0633	-0.0289	-0.0547	0.0725	0.0075	-0.0002	-0.0671	0.0000	6.77	56.64%	11.96	-0.0823	-0.0365	-0.0680	0.0923	0.0110	-0.0003	-0.0838	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0082	-0.0002	-0.0080	0.0407	0.0062	-0.0004	0.0301	0.0000	2.75	93.82%	2.93	-0.0098	-0.0002	-0.0098	0.0493	0.0089	-0.0008	0.0376	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.44	-0.0304	-0.0205	-0.0716	0.2669	0.0080	-0.0054	0.1470	0.3987	8.31	57.56%	14.44	-0.0346	-0.0237	-0.0852	0.3245	0.0142	-0.0080	0.1872	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0535	-0.0237	-0.0579	0.0764	0.0061	-0.0013	-0.0539	0.0015	8.36	69.89%	11.96	-0.0646	-0.0302	-0.0707	0.0988	0.0091	-0.0016	-0.0592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.28	-0.0459	-0.0236	-0.0379	0.0420	0.0061	-0.0010	-0.0603	0.0015	5.92	52.50%	11.28	-0.0596	-0.0299	-0.0467	0.0512	0.0094	-0.0012	-0.0768	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0149	-0.1406	-0.1895	0.1178	0.0055	-0.0010	-0.2227	8.3209	[redacted]			-0.0183	-0.1790	-0.2281	0.1527	0.0075	-0.0013	-0.2665	0.00	0.00	0.00	0.00	0.00	[redacted]				
13.76	-0.0222	-0.0334	-0.0723	0.0855	0.0073	-0.0046	-0.0397	0.0000	9.94	72.23%	13.76	-0.0286	-0.0413	-0.0885	0.1039	0.0104	-0.0058	-0.0499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0311	-0.0390	-0.0700	0.0674	0.0051	-0.0012	-0.0688	0.0000	7.98	66.77%	11.96	-0.0402	-0.0496	-0.0856	0.0824	0.0076	-0.0015	-0.0869	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.3722	-0.0178	-0.0732	0.1344	0.0286	0.0054	-0.2948	0.6340	[redacted]			-0.3722	-0.0178	-0.0877	0.1763	0.0377	0.0029	-0.2608	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.5110	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.39	0.39	0.39	0.39	[redacted]				
14.21	-0.0074	-0.0165	-0.0582	0.1886	0.0077	-0.0070	0.1072	1.0776	13.59	95.66%	14.21	-0.0086	-0.0192	-0.0714	0.2289	0.0110	-0.0091	0.1316	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.72	-0.0054	-0.0002	-0.0145	0.0829	0.0069	-0.0096	0.0601	2.5302	7.60	98.41%	7.72	-0.0109	-0.0004	-0.0183	0.1022	0.0099	-0.0111	0.0714	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.91	0.0000	0.0000	-0.0077	0.0098	0.0102	-0.0044	0.0079	0.0000	1.78	45.53%	3.91	0.0000	0.0000	-0.0094	0.0122	0.0135	-0.0052	0.0111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0137	-0.0006	-0.0100	0.0340	0.0055	0.0000	0.0152	0.0000	2.37	80.82%	2.93	-0.0171	-0.0007	-0.0123	0.0417	0.0080	0.0000	0.0196	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0108	-0.0107	0.0031	0.0021	-0.0002	-0.0173	0.1833	[redacted]			-0.0010	-0.0137	-0.0131	0.0038	0.0029	-0.0002	-0.0213	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0022	-0.1041	-0.1031	0.0157	0.0039	0.0002	-0.1896	0.0281	[redacted]			-0.0026	-0.1269	-0.1254	0.0202	0.0039	0.0002	-0.2306	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0280	-0.1104	-0.1637	0.0377	0.0051	-0.0025	-0.2618	0.0288	[redacted]			-0.0374	-0.1428	-0.1989	0.0463	0.0071	-0.0030	-0.3287	1.09	1.04	0.98	0.91	0.85	[redacted]				
[redacted]	-0.0020	-0.0008	-0.0008	0.0029	0.0003	0.0015	0.0011	0.8777	[redacted]			-0.0025	-0.0010	-0.0010	0.0037	0.0003	0.0016	0.0011	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0243	-0.0530	-0.0809	0.1186	0.0058	-0.0028	-0.0366	0.9441	11.44	95.70%	11.96	-0.0303	-0.0674	-0.0952	0.1453	0.0097	-0.0030	-0.0409	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0233	-0.0585	-0.1126	0.1651	0.0057	-0.0002	-0.0238	0.0101	[redacted]			-0.0291	-0.0740	-0.1376	0.2119	0.0080	-0.0003	-0.0211	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0111	-0.0691	-0.0860	0.0396	0.0008	-0.0039	-0.1297	0.0053	5.80	48.50%	11.96	-0.0137	-0.0878	-0.1049	0.0483	0.0011	-0.0049	-0.1619	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
12.21	-0.0226	-0.1241	-0.2017	0.1071	0.0084	-0.0049	-0.2378	0.4842	11.02	90.24%	12.21	-0.0263	-0.1461	-0.2474	0.1357	0.0123	-0.0066	-0.2784	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	0.0000	0.0000	-0.0674	0.1103	0.0352	-0.0161	0.0620	0.5768	8.43	59.71%	14.12	0.0000	0.0000	-0.0820	0.1346	0.0468	-0.0201	0.0793	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0038	-0.0105	-0.0219	0.0164	0.0054	0.0001	-0.0143	0.1403	6.45	77.32%	8.35	-0.0047	-0.0135	-0.0256	0.0207	0.0060	0.0001	-0.0170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0317	-0.0016	-0.0090	0.0323	0.0048	0.0000	-0.0052	0.0000	1.79	65.95%	2.71	-0.0415	-0.0020	-0.0107	0.0394	0.0081	0.0000	-0.0067	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0831	-0.0177	-0.0586	0.2403	0.0082	-0.0008	0.0883	0.0046	10.76	89.99%	11.96	-0.1167	-0.0235	-0.0719	0.2877	0.0118	-0.0010	0.0864	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	-0.0004	-0.2839	0.0126	0.2385	-0.0004	-0.0336	0.0028	[redacted]			0.0000	-0.0005	-0.3466	0.0153	0.2366	-0.0006	-0.0958	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0064	-0.0120	-0.0266	0.0047	0.0018	-0.0034	-0.0419	2.7142	5.29	63.43%	8.35	-0.0072	-0.0137	-0.0320	0.0059	0.0027	-0.0046	-0.0489	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0070	-0.0012	-0.0057	0.0422	0.0057	0.0000	0.0340	0.0000	[redacted]			-0.0087	-0.0015	-0.0069	0.0515	0.0083	0.0000	0.0427	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1413	-0.0173	-0.0493	0.0428	0.0105	-0.0005	-0.1551	0.4333	10.78	90.18%	11.96	-0.1727	-0.0220	-0.0603	0.0522	0.0155	-0.0006	-0.1879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.57	-0.0153	-0.0094	-0.0085	0.0082	0.0025	0.0015	-0.0210	0.2610	2.06	36.98%	5.57	-0.0189	-0.0121	-0.0102	0.0102	0.0032	0.0020	-0.0258	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.98	-0.0208	-0.0170	-0.0400	0.0749	0.0061	-0.0015	0.0017	0.0000	5.95	59.59%	9.98	-0.0285	-0.0226	-0.0490	0.0905	0.0085	-0.0019	-0.0030	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0130	-0.0041	-0.0162	0.0397	0.0052	-0.0008	0.0108	0.0039	2.74	93.46%	2.93	-0.0174	-0.0052	-0.0199	0.0479	0.0074	-0.0010	0.0118	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0626	-0.1097	0.0060	0.0225	0.0000	-0.1450	0.0056	[redacted]			-0.0012	-0.0626	-0.1224	0.0068	0.0225	0.0000	-0.1569	1.22	1.22	1.22	1.17	1.17	[redacted]				
11.96	-0.0104	-0.0447	-0.0620	0.0153	0.0033	-0.0011	-0.0996	0.0000	3.65	30.50%	11.96	-0.0129	-0.0583	-0.0766	0.0185	0.0052	-0.0014	-0.1255	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	0.0000	0.0000	-0.0269	0.1006	0.0489	-0.0073	0.1153	0.0015	5.30	84.63%	6.26	0.0000	0.0000	-0.0333	0.1223	0.0616	-0.0089	0.1417	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0025	-0.0025	-0.0161	0.0812	0.0086	-0.0022	0.0665	0.0000	2.65	90.63%	2.93	-0.0031	-0.0032	-0.0201	0.0972	0.0110	-0.0028	0.0790	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0439	-0.1724	-0.1379	0.1567	0.0084	-0.0022	-0.1913	0.0030	7.94	76.09%	10.43	-0.0578	-0.2257	-0.1627	0.1926	0.0138	-0.0029	-0.2427	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0560	-0.0238	-0.0653	0.0930	0.0045	-0.0004	-0.0480	0.0171	13.73	84.85%	16.18	-0.0707	-0.0302	-0.0798	0.1141	0.0067	-0.0005	-0.0604	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0996	0.0693	0.0114	0.0000	-0.0189	0.0089	[redacted]			0.0000	0.0000	-0.1198	0.0854	0.0146	0.0000	-0.0198	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0242	-0.0425	-0.1214	0.0639	0.0091	-0.0028	-0.1179	0.0214	9.50	79.42%	11.96	-0.0304	-0.0541	-0.1458	0.0813	0.0139	-0.0035	-0.1386	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0469	-0.0099	-0.0562	0.0625	0.0139	-0.0003	-0.0369	0.0347	10.61	88.71%	11.96	-0.0596	-0.0126	-0.0694	0.0765	0.0205	-0.0003	-0.0449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.18	-0.0127	-0.1259	-0.2287	0.2664	0.0079	-0.0011	-0.0941	0.5112	14.59	96.16%	15.18	-0.0161	-0.1632	-0.2784	0.3273	0.0122	-0.0006	-0.1188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.88	-0.0008	-0.0127	-0.0148	0.0111	0.0026	-0.0026	-0.0172	0.0000	0.68	77.71%	0.88	-0.0010	-0.0161	-0.0180	0.0134	0.0037	-0.0033	-0.0213	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0101	-0.0329	-0.1086	0.0236	0.0035	-0.0004	-0.1249	0.0008	[redacted]			-0.0128	-0.0419	-0.1321	0.0289	0.0050	-0.0005	-0.1534	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0419	-0.0243	-0.0775	0.1797	0.0124	-0.0021	0.0463	0.0173	13.87	98.22%	14.12	-0.0514	-0.0309	-0.0950	0.2233	0.0176	-0.0027	0.0609	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0356	-0.0050	-0.0225	0.0439	0.0394	0.0032	0.0234	0.0000	9.15	76.53%	11.96	-0.0396	-0.0057	-0.0266	0.0549	0.0524	0.0042	0.0396	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.85	-0.0545	-0.0022	-0.0168	0.0120	0.0036	-0.0007	-0.0586	0.0006	4.44	64.78%	6.85	-0.0655	-0.0027	-0.0205	0.0154	0.0052	-0.0009	-0.0690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0515	-0.0679	-0.1012	0.0794	0.0076	-0.0006	-0.1342	0.0503	9.66	80.75%	11.96	-0.0681	-0.0865	-0.1188	0.0969	0.0124	-0.0008	-0.1649	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0070	-0.0897	-0.1263	0.0179	0.0044	-0.0010	-0.2017	0.0078	10.21	63.15%	16.18	-0.0086	-0.1142	-0.1539	0.0224	0.0057	-0.0011	-0.2497	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0078	0.0000	-0.0004	0.0035	0.0080	0.0000	0.0033	0.0000	[redacted]			-0.0083	0.0000	-0.0005	0.0042	0.0118	0.0000	0.0072	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0146	-0.0013	-0.0114	0.0487	0.0062	-0.0004	0.0272	0.0000	2.78	95.07%	2.93	-0.0193	-0.0017	-0.0140	0.0587	0.0088	-0.0005	0.0320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0016	-0.0015	-0.0106	0.0782	0.0056	-0.0013	0.0688	0.0000	1.73	61.80%	2.80	-0.0019	-0.0018	-0.0131	0.0941	0.0078	-0.0017	0.0834	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0010	-0.0004	-0.0068	0.1323	0.0042	-0.0015	0.1268	0.0007	1.63	68.38%	2.39	-0.0012	-0.0005	-0.0082	0.1583	0.0053	-0.0019	0.1518	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1176	-0.0123	-0.0486	0.1693	0.0099	0.0000	0.0007	0.0138	[redacted]			-0.1413	-0.0153	-0.0599	0.2087	0.0149	0.0000	0.0071	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0074	-0.0004	-0.0099	0.0486	0.0054	0.0000	0.0363	0.0000	2.44	83.13%	2.93	-0.0090	-0.0005	-0.0121	0.0597	0.0081	0.0000	0.0462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0185	-0.0495	-0.1248	0.1383	0.0061	-0.0037	-0.0521	0.1688	[redacted]			-0.0241	-0.0629	-0.1538	0.1688	0.0090	-0.0046	-0.0676	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0013	-0.0023	-0.0080	0.0438	0.0037	-0.0006	0.0353	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0083	0.0058	0.0135	0.0002	0.0112	0.0062	[redacted]			0.0000	0.0000	-0.0098	0.0074	0.0148	0.0005	0.0129	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0081	-0.0089	-0.0298	0.0493	0.0051	-0.0018	0.0058	0.0011	[redacted]			-0.0110	-0.0117	-0.0366	0.0594	0.0072	-0.0021	0.0052	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.22	-0.0004	0.0000	-0.0013	0.0078	0.0020	-0.0022	0.0059	0.0000	0.77	63.58%	1.22	-0.0005	0.0000	-0.0016	0.0095	0.0030	-0.0024	0.0080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0173	-0.0756	-0.0915	0.1144	0.0074	-0.0013	-0.0639	0.0201	6.27	60.11%	10.43	-0.0226	-0.0962	-0.1096	0.1402	0.0099	-0.0017	-0.0800	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0057	0.1025	0.0187	-0.0003	0.1152	0.0068	2.65	94.69%	2.80	0.0000	0.0000	-0.0069	0.1288	0.0238	-0.0003	0.1454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0257	-0.0651	-0.1021	0.1129	0.0050	-0.0029	-0.0779	0.1527	8.18	68.45%	11.96	-0.0308	-0.0777	-0.1244	0.1398	0.0076	-0.0041	-0.0896	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.43	-0.0057	-0.0009	-0.0016	0.0134	0.0097	0.0020	0.0169	0.0006	0.65	26.54%	2.43	-0.0069	-0.0011	-0.0020	0.0171	0.0121	0.0024	0.0216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0176	-0.0004	-0.0111	0.0491	0.0064	0.0000	0.0264	0.0000	2.84	99.98%	2.84	-0.0203	-0.0004	-0.0137	0.0601	0.0098	-0.0006	0.0349	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0304	-0.0089	-0.0818	0.0974	0.0087	-0.0071	-0.0221	0.0103	[redacted]			-0.0399	-0.0113	-0.1003	0.1167	0.0131	-0.0097	-0.0314	0.91	0.91	0.89	0.89	0.89	[redacted]				
11.96	-0.0935	-0.0154	-0.0581	0.2417	0.0081	-0.0006	0.0822	0.0108	11.01	92.10%	11.96	-0.1212	-0.0196	-0.0699	0.2972	0.0133	-0.0008	0.0990	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0659	-0.0338	-0.0722	0.1382	0.0081	-0.0036	-0.0292	0.2489	8.97	75.02%	11.96	-0.0744	-0.0390	-0.0878	0.1704	0.0121	-0.0061	-0.0248	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0413	-0.0090	-0.0350	0.0821	0.0068	-0.0008	0.0028	1.5304	10.10	84.44%	11.96	-0.0506	-0.0111	-0.0428	0.1007	0.0104	-0.0010	0.0056	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0058	-0.0020	-0.0134	0.0186	0.0051	-0.0003	0.0022	0.0011	2.22	79.22%	2.80	-0.0084	-0.0028	-0.0164	0.0221	0.0072	-0.0003	0.0014	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0145	-0.1067	-0.0961	0.1205	0.0165	-0.0003	-0.0806	0.0000	9.14	76.46%	11.96	-0.0190	-0.1374	-0.1176	0.1498	0.0237	-0.0004	-0.1009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.44	0.0000	0.0000	-0.0076	0.0533	0.0170	-0.0015	0.0612	0.0016	1.82	74.69%	2.44	0.0000	0.0000	-0.0093	0.0656	0.0228	-0.0019	0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0170	-0.0031	-0.0273	0.0884	0.0052	-0.0168	0.0294	0.0015	5.19	43.44%	11.96	-0.0176	-0.0032	-0.0330	0.1059	0.0078	-0.0195	0.0404	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1084	-0.0293	-0.0985	0.1167	0.0111	-0.0019	-0.1103	0.0061	11.63	97.27%	11.96	-0.1417	-0.0372	-0.1213	0.1419	0.0163	-0.0024	-0.1444	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0500	-0.0657	-0.1214	0.0842	0.0077	-0.0008	-0.1460	0.9247	9.32	77.92%	11.96	-0.0607	-0.0787	-0.1488	0.1045	0.0123	-0.0013	-0.1727	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0280	-0.0116	-0.0616	0.1336	0.0068	-0.0010	0.0382	0.1895	13.42	82.96%	16.18	-0.0344	-0.0147	-0.0754	0.1642	0.0102	-0.0013	0.0486	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0956	-0.0246	-0.0581	0.1282	0.0075	-0.0022	-0.0448	0.0074	9.12	76.32%	11.96	-0.1064	-0.0279	-0.0709	0.1574	0.0111	-0.0039	-0.0406	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0282	-0.0805	0.1845	0.0197	0.0023	0.0774	0.0106	9.53	79.67%	11.96	-0.0264	-0.0359	-0.0988	0.2330	0.0257	0.0030	0.1006	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.07	-0.0004	-0.0012	-0.0030	0.0455	0.0042	0.0000	0.0451	0.0456	0.67	62.69%	1.07	-0.0005	-0.0015	-0.0036	0.0593	0.0052	0.0000	0.0589	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023											2024												2025										
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
[redacted]	-0.0109	-0.1066	-0.1039	0.0317	0.0012	-0.0014	-0.1899	0.0000	[redacted]			-0.0135	-0.1358	-0.1244	0.0395	0.0014	-0.0017	-0.2345	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0288	-0.0127	-0.0097	0.0244	0.0045	0.0003	-0.0220	0.0000	[redacted]			-0.0340	-0.0154	-0.0116	0.0321	0.0060	0.0008	-0.0221	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0174	-0.1485	-0.1156	0.0232	0.0006	-0.0003	-0.2580	0.0036	7.00	58.58%	11.96	-0.0211	-0.1899	-0.1414	0.0297	0.0007	-0.0003	-0.3223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1848	-0.0220	-0.0563	0.0668	0.0146	0.0000	-0.1817	0.0002	10.98	91.79%	11.96	-0.2115	-0.0259	-0.0690	0.0834	0.0213	-0.0001	-0.2018	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0114	-0.0012	-0.0622	0.3171	0.0208	-0.0247	0.2384	0.0058	13.50	83.45%	16.18	-0.0146	-0.0015	-0.0752	0.3816	0.0330	-0.0326	0.2907	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0318	-0.0908	-0.1554	0.1727	0.0061	-0.0021	-0.1013	3.8426	[redacted]			-0.0423	-0.1164	-0.1896	0.2172	0.0084	-0.0025	-0.1252	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0075	-0.0092	-0.0107	0.0042	0.0014	-0.0035	-0.0253	0.0000	[redacted]			-0.0092	-0.0117	-0.0131	0.0053	0.0022	-0.0043	-0.0308	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0121	-0.0121	-0.0171	0.0190	0.0031	-0.0037	-0.0229	0.0000	3.89	32.56%	11.96	-0.0148	-0.0154	-0.0209	0.0232	0.0048	-0.0046	-0.0277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0097	-0.1428	-0.1162	0.0481	0.0048	-0.0007	-0.2165	0.0040	13.66	95.56%	14.29	-0.0122	-0.1817	-0.1370	0.0612	0.0078	-0.0008	-0.2627	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0194	-0.0648	-0.0767	0.0866	0.0074	-0.0005	-0.0674	0.0177	6.46	54.07%	11.96	-0.0239	-0.0823	-0.0919	0.1072	0.0120	-0.0007	-0.0796	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0073	-0.0024	-0.0137	0.0983	0.0064	0.0000	0.0813	0.0018	2.51	85.65%	2.93	-0.0090	-0.0030	-0.0171	0.1200	0.0087	0.0000	0.0996	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0481	-0.0448	-0.0795	0.1955	0.0060	-0.0023	0.0268	0.7456	12.74	78.74%	16.18	-0.0629	-0.0569	-0.0966	0.2410	0.0089	-0.0025	0.0310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0245	-0.0417	-0.0693	0.0847	0.0062	-0.0019	-0.0465	0.0000	7.99	66.87%	11.96	-0.0310	-0.0522	-0.0843	0.1069	0.0092	-0.0021	-0.0535	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0121	-0.0051	-0.0086	0.0113	0.0031	-0.0006	-0.0120	0.0087	1.15	39.10%	2.93	-0.0157	-0.0065	-0.0106	0.0138	0.0047	-0.0007	-0.0150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0271	-0.0171	-0.0494	0.0662	0.0072	-0.0011	-0.0213	0.0038	9.15	76.57%	11.96	-0.0337	-0.0212	-0.0607	0.0804	0.0112	-0.0014	-0.0254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0294	-0.0663	-0.1140	0.1245	0.0070	-0.0015	-0.0797	0.0000	9.04	75.61%	11.96	-0.0373	-0.0861	-0.1333	0.1507	0.0117	-0.0017	-0.0960	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.74	-0.0199	-0.0422	-0.0979	0.0616	0.0060	-0.0055	-0.0979	1.7415	9.02	83.98%	10.74	-0.0252	-0.0536	-0.1190	0.0741	0.0092	-0.0065	-0.1210	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0684	-0.0207	-0.0755	0.0499	0.0103	-0.0008	-0.1052	0.4992	[redacted]			-0.0827	-0.0264	-0.0924	0.0600	0.0153	-0.0010	-0.1272	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0137	-0.0827	-0.0925	0.1288	0.0046	-0.0015	-0.0570	3.7731	[redacted]			-0.0166	-0.1032	-0.1120	0.1636	0.0067	-0.0020	-0.0635	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0275	-0.1084	-0.0903	0.0613	0.0027	-0.0015	-0.1637	0.0086	[redacted]			-0.0332	-0.1379	-0.1091	0.0777	0.0041	-0.0019	-0.2003	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0089	-0.0505	-0.1018	0.0148	0.0079	-0.0007	-0.1392	0.4121	[redacted]			-0.0110	-0.0644	-0.1202	0.0180	0.0113	-0.0009	-0.1672	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0611	-0.0086	-0.0411	0.1228	0.0081	-0.0032	0.0169	0.0036	[redacted]			-0.0678	-0.0098	-0.0497	0.1515	0.0122	-0.0049	0.0315	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1240	-0.0036	-0.0478	0.0344	0.0116	-0.0096	-0.1390	0.0001	11.69	97.74%	11.96	-0.1399	-0.0041	-0.0585	0.0417	0.0173	-0.0132	-0.1567	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.26	0.0000	0.0000	-0.0206	0.0857	0.0636	-0.0047	0.1240	0.0537	4.48	71.59%	6.26	0.0000	0.0000	-0.0251	0.1043	0.0782	-0.0058	0.1516	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0524	-0.0157	-0.0338	0.0473	0.0069	-0.0004	-0.0481	0.0000	6.42	53.66%	11.96	-0.0663	-0.0199	-0.0416	0.0577	0.0104	-0.0005	-0.0602	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0058	-0.0012	-0.0115	0.0559	0.0048	-0.0004	0.0418	0.0024	2.60	91.80%	2.84	-0.0072	-0.0016	-0.0141	0.0680	0.0066	-0.0005	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0485	-0.0401	-0.0641	0.2571	0.0209	0.0019	0.1272	0.0000	4.42	36.98%	11.96	-0.0625	-0.0510	-0.0780	0.3203	0.0270	0.0026	0.1584	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0072	-0.0002	-0.0101	0.0232	0.0047	0.0000	0.0104	0.0000	2.14	76.30%	2.80	-0.0101	-0.0003	-0.0124	0.0276	0.0064	0.0000	0.0112	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0168	-0.0526	-0.0904	0.0364	0.0049	-0.0048	-0.1233	0.4722	8.53	71.37%	11.96	-0.0232	-0.0722	-0.1113	0.0435	0.0073	-0.0055	-0.1614	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0296	-0.1011	-0.1009	0.0445	0.0045	-0.0005	-0.1831	0.0077	[redacted]			-0.0371	-0.1287	-0.1223	0.0564	0.0069	-0.0007	-0.2255	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0793	-0.0208	-0.0432	0.3497	0.0070	-0.0002	0.2132	0.0087	8.43	70.54%	11.96	-0.1011	-0.0264	-0.0526	0.4298	0.0105	-0.0002	0.2600	0.85	0.85	0.91	0.91	0.96	142.38%	142.38%	150.94%	150.94%	159.51%
11.96	-0.0191	-0.0607	-0.0723	0.0466	0.0007	-0.0001	-0.1049	2.1435	8.34	69.72%	11.96	-0.0236	-0.0773	-0.0895	0.0579	0.0007	-0.0001	-0.1319	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0357	-0.0896	-0.0912	0.1263	0.0045	0.0001	-0.0856	0.1833	[redacted]			-0.0449	-0.1139	-0.1068	0.1696	0.0081	0.0002	-0.0877	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0004	-0.0220	-0.0122	0.0069	0.0023	-0.0016	-0.0270	0.0000	1.30	44.26%	2.93	-0.0005	-0.0278	-0.0149	0.0084	0.0033	-0.0020	-0.0335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0056	0.0000	-0.0060	0.0335	0.0045	-0.0014	0.0250	0.0006	1.92	80.40%	2.39	-0.0074	0.0000	-0.0074	0.0401	0.0069	-0.0019	0.0303	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0582	-0.0192	-0.0459	0.0785	0.0085	-0.0070	-0.0433	3.0536	[redacted]			-0.0737	-0.0259	-0.0564	0.0940	0.0128	-0.0076	-0.0568	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0852	-0.0039	-0.0416	0.1301	0.0107	-0.0004	0.0097	0.0330	11.00	91.96%	11.96	-0.1103	-0.0050	-0.0512	0.1570	0.0163	-0.0005	0.0063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0164	-0.0687	-0.0614	0.0397	0.0009	-0.0003	-0.1062	0.0052	[redacted]			-0.0201	-0.0865	-0.0725	0.0494	0.0009	-0.0002	-0.1290	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0044	-0.0246	-0.0538	0.0701	0.0055	-0.0011	-0.0083	0.3301	[redacted]			-0.0049	-0.0274	-0.0660	0.0875	0.0075	-0.0016	-0.0049	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0047	-0.0008	-0.0151	0.0575	0.0056	-0.0019	0.0406	0.0096	2.71	92.39%	2.93	-0.0062	-0.0010	-0.0186	0.0694	0.0079	-0.0025	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0073	-0.0154	-0.0565	0.2593	0.0244	-0.0081	0.1964	0.0044	9.79	81.92%	11.96	-0.0073	-0.0154	-0.0654	0.3411	0.0326	-0.0101	0.2755	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1310	-0.0162	-0.0547	0.6165	0.0097	-0.0016	0.4227	0.0000	10.67	89.24%	11.96	-0.1633	-0.0206	-0.0670	0.7539	0.0145	-0.0020	0.5155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0508	-0.0213	-0.0807	0.3365	0.0063	-0.0005	0.1895	1.4944	9.16	76.65%	11.96	-0.0713	-0.0300	-0.0958	0.4011	0.0102	-0.0005	0.2137	0.00	0.00	0.00	0.00	0.33	0.00%	0.00%	0.00%	0.00%	3.73%
[redacted]	-0.0240	-0.0838	-0.1647	0.0770	0.0056	-0.0013	-0.1912	0.6605	[redacted]			-0.0281	-0.1005	-0.2015	0.0955	0.0082	-0.0017	-0.2281	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0119	-0.1042	-0.1137	0.0766	0.0055	-0.0021	-0.1498	0.0095	8.74	54.02%	16.18	-0.0147	-0.1325	-0.1372	0.0963	0.0074	-0.0026	-0.1833	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0012	-0.0367	-0.0894	0.0190	0.0160	0.0005	-0.0918	0.0067	[redacted]			-0.0015	-0.0468	-0.1055	0.0237	0.0159	0.0006	-0.1136	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0424	-0.0405	-0.0651	0.1654	0.0075	-0.0013	0.0236	0.0082	9.85	82.39%	11.96	-0.0526	-0.0514	-0.0799	0.2031	0.0115	-0.0021	0.0286	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0187	-0.0983	-0.1615	0.1404	0.0065	-0.0007	-0.1323	0.0375	10.45	87.43%	11.96	-0.0228	-0.1250	-0.1913	0.1734	0.0111	-0.0009	-0.1555	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0125	-0.0298	-0.1783	0.3520	0.0170	-0.0139	0.1345	6.0797	14.06	86.92%	16.18	-0.0163	-0.0378	-0.2205	0.4218	0.0234	-0.0178	0.1528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0320	-0.0154	-0.0524	0.0249	0.0073	-0.0007	-0.0683	0.0000	5.91	49.41%	11.96	-0.0424	-0.0196	-0.0648	0.0299	0.0110	-0.0009	-0.0868	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0477	-0.0371	-0.0555	0.1382	0.0078	-0.0003	0.0054	0.0003	9.39	78.56%	11.96	-0.0566	-0.0450	-0.0683	0.1736	0.0121	-0.0007	0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0575	-0.0196	-0.0417	0.0320	0.0079	-0.0059	-0.0848	0.0280	9.84	82.33%	11.96	-0.0712	-0.0249	-0.0504	0.0387	0.0117	-0.0073	-0.1034	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1179	-0.0048	-0.0272	0.0756	0.0090	-0.0003	-0.0656	0.0000	8.39	70.14%	11.96	-0.1426	-0.0059	-0.0335	0.0918	0.0140	-0.0004	-0.0766	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.84	-0.0177	-0.0024	-0.0102	0.0848	0.0050	-0.0004	0.0591	0.0000	2.48	87.34%	2.84	-0.0229	-0.0030	-0.0123	0.1035	0.0082	-0.0005	0.0730	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0011	0.0686	0.0084	-0.0001	0.0758	0.0001	[redacted]			0.0000	0.0000	-0.0013	0.0859	0.0110	-0.0001	0.0955	0.00	0.00	0.00	0.00	0.00	[redacted]				
3.63	-0.0109	-0.0059	-0.0061	0.0068	0.0014	-0.0004	-0.0151	0.0000	1.23	33.84%	3.63	-0.0132	-0.0075	-0.0075	0.0083	0.0022	-0.0005	-0.0182	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
3.63	-0.0109	-0.0059	-0.0061	0.0068	0.0014	-0.0004	-0.0151	0.0000	1.23	33.84%	3.63	-0.0132	-0.0075	-0.0075	0.0083	0.0022	-0.0005	-0.0182	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0049	-0.0033	-0.0090	0.0183	0.0035	-0.0004	0.0042	0.0000	1.67	74.17%	2.26	-0.0061	-0.0042	-0.0108	0.0220	0.0055	-0.0005	0.0059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0003	0.0048	0.0000	0.0051	0.0006	[redacted]			0.0000	0.0000	0.0000	0.0003	0.0061	0.0000	0.0064	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.78	-0.0008	-0.0009	-0.0320	0.0285	0.0033	-0.0067	-0.0086	0.1501	3.66	53.99%	6.78	-0.0010	-0.0012	-0.0390	0.0346	0.0044	-0.0075	-0.0097	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0027	-0.0014	-0.0720	0.3042	0.0127	-0.0107	0.2301	0.0000	11.29	94.42%	11.96	-0.0181	-0.0086	-0.0908	0.3636	0.0179	-0.0109	0.2531	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	0.0000	0.0000	-0.0631	0.4468	0.0348	-0.0102	0.4083	1.1082	12.63	78.11%	16.18	0.0000	0.0000	-0.0772	0.5407	0.0432	-0.0130	0.4937	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0698	-0.0078	-0.0252	0.0337	0.0044	0.0003	-0.0644	0.0000	9.86	82.46%	11.96	-0.0847	-0.0099	-0.0305	0.0416	0.0067	0.0004	-0.0764	0.00	0.87	0.87	0.76	0.76	0.00%	8.81%	8.81%	7.63%	7.63%
11.96	-0.0622	-0.0844	-0.1188	0.0711	0.0054	-0.0039	-0.1928	0.0078	10.19	85.26%	11.96	-0.0772	-0.1109	-0.1448	0.0859	0.0084	-0.0044	-0.2430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0421	-0.0687	-0.1075	0.4082	0.0140	-0.0055	0.1984	0.0000	12.57	77.68%	16.18	-0.0543	-0.0901	-0.1309	0.4968	0.0202	-0.0065	0.2352	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0159	-0.0080	-0.0691	0.3741	0.0201	-0.0079	0.2933	1.1826	9.80	81.93%	11.96	-0.0197	-0.0101	-0.0835	0.4483	0.0255	-0.0103	0.3502	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0236	-0.1288	-0.1573	0.0935	0.0053	-0.0005	-0.2114	0.0180	[redacted]			-0.0298	-0.1677	-0.1906	0.1144	0.0071	-0.0003	-0.2669	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0044	-0.0023	-0.0191	0.0475	0.0061	-0.0022	0.0256	0.0000	2.86	97.65%	2.93	-0.0059	-0.0029	-0.0235	0.0569	0.0085	-0.0029	0.0302	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0463	-0.0740	-0.1406	0.5754	0.0121	0.0000	0.3266	1.7906	[redacted]			-0.0578	-0.0942	-0.1762	0.7541	0.0159	-0.0001	0.4417	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0017	-0.0004	-0.0236	0.0345	0.0079	-0.0091	0.0076	0.0000	3.25	38.98%	8.35	-0.0021	-0.0005	-0.0285	0.0420	0.0104	-0.0108	0.0105	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0225	-0.0788	-0.0981	0.0395	0.0061	-0.0013	-0.1551	1.6166	[redacted]			-0.0300	-0.1002	-0.1186	0.0501	0.0083	-0.0014	-0.1918	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	0.0000	0.0000	-0.0782	0.0995	0.0326	-0.0074	0.0465	0.0018	7.02	49.75%	14.12	0.0000	0.0000	-0.0941	0.1209	0.0440	-0.0092	0.0616	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.89	-0.0416	-0.0492	-0.0786	0.0896	0.0071	-0.0004	-0.0731	0.8371	9.55	96.54%	9.89	-0.0542	-0.0626	-0.0949	0.1124	0.0107	-0.0005	-0.0891	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0035	0.0113	0.0042	-0.0006	0.0114	0.0000	[redacted]			0.0000	0.0000	-0.0043	0.0138	0.0062	-0.0007	0.0150	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0093	-0.0915	-0.1086	0.0166	0.0012	-0.0008	-0.1924	0.0120	[redacted]			-0.0113	-0.1165	-0.1317	0.0205	0.0013	-0.0009	-0.2386	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.0470	-0.0532	0.0066	0.0010	0.0000	-0.0953	0.0076	[redacted]			-0.0033	-0.0597	-0.0639	0.0082	0.0011	0.0000	-0.1176	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0311	-0.0446	-0.0829	0.1058	0.0053	-0.0007	-0.0482	0.0018	9.89	82.75%	11.96	-0.0375	-0.0534	-0.1012	0.1312	0.0079	-0.0009	-0.0539	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.29	-0.0369	-0.0773	-0.1241	0.0950	0.0105	-0.0040	-0.1368	0.6254	8.52	59.61%	14.29	-0.0453	-0.0982	-0.1517	0.1219	0.0145	-0.0050	-0.1638	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0090	-0.0024	-0.0126	0.0762	0.0052	0.0000	0.0574	0.0003	[redacted]			-0.0113	-0.0030	-0.0153	0.0929	0.0079	0.0000	0.0712	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0744	-0.0232	-0.0826	0.1424	0.0126	-0.0026	-0.0278	0.1293	11.06	92.50%	11.96	-0.0969	-0.0294	-0.1015	0.1713	0.0192	-0.0033	-0.0406	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0288	-0.0413	-0.1075	0.1561	0.0204	-0.0052	-0.0063	0.0110	[redacted]			-0.0340	-0.0474	-0.1303	0.1913	0.0292	-0.0081	0.0007	0.00	0.00	0.00	0.00	0.00	[redacted]				
17.47	-0.1135	-0.0136	-0.0643	0.6540	0.0064	-0.0013	0.4677	1.7483	13.80	78.99%	17.47	-0.1344	-0.0162	-0.0787	0.8182	0.0101	-0.0017	0.5973	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0375	-0.0904	-0.1031	0.0432	0.0053	-0.0050	-0.1875	0.0068	8.19	68.48%	11.96	-0.0453	-0.1148	-0.1261	0.0543	0.0081	-0.0062	-0.2300	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0077	-0.0008	-0.0346	0.1560	0.0100	-0.0021	0.1208	0.0013	10.08	84.31%	11.96	-0.0094	-0.0011	-0.0426	0.1865	0.0151	-0.0028	0.1457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0109	0.0000	-0.0076	0.0277	0.0062	0.0000	0.0154	0.0015	2.44	83.21%	2.93	-0.0139	0.0000	-0.0090	0.0333	0.0098	0.0000	0.0202	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0027	-0.0346	-0.0834	0.1860	0.0080	0.0024	0.0757	0.0066	[redacted]			-0.0032	-0.0416	-0.0998	0.2353	0.0107	0.0034	0.1048	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0278	-0.1209	-0.1635	0.1596	0.0094	-0.0008	-0.1440	0.2382	11.14	68.90%	16.18	-0.0356	-0.1537	-0.2043	0.1982	0.0126	-0.0010	-0.1838	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.20	-0.0430	-0.0514	-0.0856	0.0788	0.0060	-0.0020	-0.0972	0.0027	8.12	72.56%	11.20	-0.0569	-0.0653	-0.1040	0.0962	0.0090	-0.0021	-0.1231	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.52	-0.0080	0.0000	-0.0082	0.0497	0.0075	0.0000	0.0410	0.0000	2.41	95.63%	2.52	-0.0102	0.0000	-0.0099	0.0598	0.0109	0.0000	0.0506	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0370	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0472	-0.0040	-0.0383	0.2673	0.0109	0.0000	0.1887	0.0301	8.05	67.30%	11.96	-0.0600	-0.0051	-0.0453	0.3223	0.0172	0.0000	0.2291	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.87	-0.0348	-0.0296	-0.0832	0.0806	0.0074	-0.0009	-0.0605	0.0002	10.64	89.66%	11.87	-0.0433	-0.0367	-0.1022	0.0977	0.0115	-0.0011	-0.0741	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0390	-0.0097	-0.0432	0.1008	0.0151	-0.0011	0.0229	0.0182	8.93	74.73%	11.96	-0.0515	-0.0136	-0.0527	0.1180	0.0224	-0.0013	0.0213	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0024	-0.0005	-0.0100	0.0487	0.0044	-0.0011	0.0391	0.0054	2.41	82.20%	2.93	-0.0032	-0.0007	-0.0123	0.0583	0.0062	-0.0015	0.0468	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0038	-0.0623	-0.1105	0.0561	0.0196	0.0035	-0.0974	0.0331	13.47	83.24%	16.18	-0.0038	-0.0623	-0.1294	0.0761	0.0242	0.0033	-0.0919	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0055	-0.0124	-0.0284	0.0113	0.0064	-0.0002	-0.0288	0.0005	[redacted]			-0.0067	-0.0158	-0.0342	0.0141	0.0076	-0.0002	-0.0352	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0105	-0.0469	-0.0940	0.2090	0.0096	-0.0019	0.0653	0.0000	8.68	83.17%	10.43	-0.0122	-0.0557	-0.1160	0.2593	0.0154	-0.0029	0.0879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0445	-0.0338	-0.0835	0.1110	0.0090	-0.0004	-0.0422	0.0000	11.41	95.39%	11.96	-0.0552	-0.0430	-0.1018	0.1362	0.0139	-0.0005	-0.0504	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.59	-0.0092	-0.0496	-0.0663	0.1032	0.0115	-0.0041	-0.0145	0.0015	5.41	46.70%	11.59	-0.0112	-0.0603	-0.0813	0.1263	0.0166	-0.0052	-0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0420	-0.0467	-0.0623	0.0549	0.0054	-0.0018	-0.0925	0.2252	8.26	69.11%	11.96	-0.0508	-0.0594	-0.0756	0.0707	0.0083	-0.0023	-0.1091	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0229	-0.0272	-0.0243	0.0168	0.0021	0.0000	-0.0555	0.0022	[redacted]			-0.0281	-0.0347	-0.0294	0.0210	0.0028	0.0000	-0.0684	0.00	0.00	0.00	0.00	0.00	[redacted]				
5.65	0.0000	0.0000	-0.0260	0.0315	0.0529	-0.0117	0.0467	0.0166	5.15	91.06%	5.65	0.0000	0.0000	-0.0315	0.0386	0.0647	-0.0143	0.0575	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.52	-0.0125	-0.0144	-0.0376	0.0591	0.0062	-0.0007	0.0001	0.0000	6.02	52.22%	11.52	-0.0150	-0.0178	-0.0463	0.0715	0.0096	-0.0009	0.0011	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0061	-0.0571	-0.1162	0.0273	0.0010	-0.0018	-0.1529	2.0555	11.06	92.53%	11.96	-0.0072	-0.0705	-0.1375	0.0342	0.0012	-0.0021	-0.1819	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0743	-0.0084	-0.0365	0.2402	0.0080	-0.0003	0.1287	0.0082	9.01	75.36%	11.96	-0.0926	-0.0107	-0.0431	0.2941	0.0131	-0.0003	0.1605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0910	-0.0183	-0.0577	0.1367	0.0099	-0.0060	-0.0264	0.0001	[redacted]			-0.1318	-0.0282	-0.0672	0.1694	0.0142	-0.0060	-0.0496	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0061	0.0413	0.0084	0.0014	0.0450	0.0000	[redacted]			0.0000	0.0000	-0.0074	0.0514	0.0108	0.0017	0.0565	0.00	0.00	0.00	0.00	0.00	[redacted]				
19.16	-0.0673	0.0000	-0.0757	0.2663	0.1358	-0.0110	0.2481	0.2592	11.13	58.10%	19.16	-0.0673	0.0000	-0.0890	0.3249	0.1877	-0.0149	0.3414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0165	-0.0906	-0.1489	0.0816	0.0078	-0.0054	-0.1720	0.2085	10.49	87.72%	11.96	-0.0220	-0.1212	-0.1810	0.0974	0.0106	-0.0064	-0.2226	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0036	-0.0008	-0.0128	0.0395	0.0053	-0.0013	0.0263	0.0000	2.11	78.08%	2.71	-0.0048	-0.0010	-0.0159	0.0473	0.0078	-0.0017	0.0317	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0309	-0.0557	-0.0926	0.0879	0.0044	-0.0001	-0.0870	0.0000	[redacted]			-0.0388	-0.0698	-0.1127	0.1082	0.0064	-0.0001	-0.1068	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0038	-0.0623	-0.0780	0.0243	0.0016	-0.0004	-0.1186	4.0895	[redacted]			-0.0047	-0.0793	-0.0955	0.0318	0.0020	-0.0005	-0.1462	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0292	-0.0078	-0.0095	0.0050	0.0019	0.0001	-0.0395	0.0203	[redacted]			-0.0359	-0.0100	-0.0112	0.0063	0.0029	0.0001	-0.0478	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0146	-0.0349	-0.0804	0.0670	0.0057	-0.0059	-0.0631	0.0076	8.34	69.72%	11.96	-0.0239	-0.0578	-0.0983	0.0778	0.0087	-0.0064	-0.0999	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0168	-0.0265	-0.0288	0.0106	0.0063	0.0012	-0.0540	0.0067	5.95	57.04%	10.43	-0.0205	-0.0338	-0.0347	0.0133	0.0075	0.0016	-0.0666	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0141	-0.0936	-0.1636	0.0668	0.0011	-0.0019	-0.2053	1.3278	10.42	87.11%	11.96	-0.0152	-0.1018	-0.1989	0.0832	0.0013	-0.0030	-0.2344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1549	-0.0276	-0.0647	0.1473	0.0076	-0.0011	-0.0934	0.0117	7.34	61.37%	11.96	-0.1888	-0.0351	-0.0789	0.1799	0.0120	-0.0014	-0.1123	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0495	-0.0271	-0.0443	0.0510	0.0047	-0.0008	-0.0660	0.0091	6.64	55.54%	11.96	-0.0598	-0.0344	-0.0543	0.0621	0.0073	-0.0010	-0.0801	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0428	-0.0827	-0.1041	0.1103	0.0067	-0.0026	-0.1152	0.4803	9.66	80.83%	11.96	-0.0549	-0.1050	-0.1278	0.1417	0.0103	-0.0032	-0.1389	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0084	-0.0083	-0.0132	0.0356	0.0035	-0.0002	0.0090	0.0012	1.87	78.27%	2.39	-0.0110	-0.0105	-0.0162	0.0441	0.0050	-0.0003	0.0111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	0.0000	0.0000	-0.0602	0.4175	0.0526	-0.0113	0.3986	0.0017	9.48	67.17%	14.12	0.0000	0.0000	-0.0726	0.5347	0.0635	-0.0123	0.5133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0052	-0.0013	-0.0154	0.0423	0.0050	-0.0004	0.0250	0.0005	2.04	85.64%	2.39	-0.0067	-0.0017	-0.0185	0.0515	0.0077	-0.0005	0.0318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0095	-0.0208	-0.0283	0.0318	0.0031	-0.0009	-0.0246	0.0049	2.91	24.36%	11.96	-0.0118	-0.0264	-0.0346	0.0388	0.0046	-0.0011	-0.0305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0339	-0.0096	-0.0416	0.1848	0.0082	-0.0004	0.1075	1.0852	9.57	80.05%	11.96	-0.0419	-0.0122	-0.0510	0.2256	0.0120	-0.0005	0.1320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0535	-0.0483	-0.1012	0.3436	0.0100	-0.0039	0.1467	0.0000	12.86	79.49%	16.18	-0.0583	-0.0525	-0.1237	0.4360	0.0145	-0.0067	0.2093	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0818	-0.0834	-0.0934	0.2278	0.0119	-0.0008	-0.0197	0.2580	7.32	62.34%	11.74	-0.1038	-0.1074	-0.1109	0.2797	0.0209	-0.0010	-0.0225	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0095	-0.0815	-0.1361	0.0258	0.0030	0.0000	-0.1983	3.6738	[redacted]			-0.0123	-0.1074	-0.1668	0.0314	0.0046	0.0000	-0.2505	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1097	-0.0067	-0.0388	0.2494	0.0093	-0.0008	0.1027	0.0000	10.07	84.24%	11.96	-0.1390	-0.0085	-0.0476	0.3047	0.0138	-0.0010	0.1224	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0046	0.0000	0.0000	0.0046	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0057	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0045	-0.0046	-0.0791	0.3927	0.0264	-0.0085	0.3224	0.7112	8.95	74.85%	11.96	-0.0088	-0.0094	-0.0998	0.4814	0.0323	-0.0119	0.3838	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023											2024											2025													
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Scrabble		0.1933	9.92	82.95%	11.96	-0.0043	-0.0432	-0.0519	0.0115	0.0004	-0.0003	-0.0878	0.2519	9.91	82.87%	11.96	-0.0086	-0.0788	-0.0933	0.0239	0.0017	-0.0006	-0.1557	0.3063	9.89	82.73%	11.96	-0.0131	-0.1172	-0.1339	0.0363	0.0031	-0.0009	-0.2257	0.8783	10.43	87.20%
Scrapper		0.0003	10.54	88.13%	11.96	-0.0101	-0.0003	-0.0081	0.0178	0.0006	-0.0001	-0.0002	0.0059	6.72	56.18%	11.96	-0.0137	-0.0004	-0.0168	0.0389	0.0021	-0.0010	0.0091	0.0086	6.73	56.28%	11.96	-0.0174	-0.0006	-0.0256	0.0587	0.0038	-0.0019	0.0170	0.0149	6.74	56.41%
Scrimmage		0.0004	7.36	61.54%	11.96	-0.0228	-0.0049	-0.0126	0.0179	0.0009	0.0000	-0.0215	0.0066	7.35	61.47%	11.96	-0.0414	-0.0092	-0.0241	0.0368	0.0023	0.0000	-0.0356	0.0096	7.34	61.38%	11.96	-0.0596	-0.0138	-0.0350	0.0551	0.0049	0.0000	-0.0484	0.0166	7.33	61.33%
Scruboak		0.0000	8.75	73.14%	11.96	-0.0339	-0.0059	-0.0158	0.0129	0.0007	0.0000	-0.0420	0.0002	8.71	72.88%	11.96	-0.0601	-0.0108	-0.0313	0.0277	0.0028	-0.0001	-0.0718	0.0003	8.71	72.86%	11.96	-0.0658	-0.0119	-0.0478	0.0465	0.0070	-0.0014	-0.0734	0.0005	8.71	72.86%
Seabass		0.0002	[redacted]			-0.0009	-0.0187	-0.0313	0.0090	0.0010	0.0001	-0.0408	0.0023	[redacted]			-0.0019	-0.0345	-0.0524	0.0182	0.0043	0.0001	-0.0662	0.0030	[redacted]			-0.0029	-0.0515	-0.0778	0.0275	0.0058	0.0001	-0.0988	0.0037	[redacted]	
SeaBoard		0.8263	[redacted]			-0.0001	-0.0115	-0.0365	0.0025	0.0003	-0.0002	-0.0455	0.8311	[redacted]			-0.0002	-0.0162	-0.0600	0.0065	0.0017	-0.0005	-0.0687	0.8334	[redacted]			-0.0003	-0.0213	-0.0873	0.0115	0.0027	-0.0009	-0.0956	0.8361	[redacted]	
Seacliff		2.5642	13.98	99.01%	14.12	-0.0127	-0.0293	-0.0416	0.0648	0.0005	-0.0012	-0.0195	3.7154	15.20	107.68%	14.12	-0.0240	-0.0529	-0.0734	0.1331	0.0021	-0.0015	-0.0166	3.7158	15.21	94.00%	16.18	-0.0356	-0.0783	-0.1048	0.2044	0.0038	-0.0019	-0.0124	3.7654	15.26	94.31%
Seaforth		0.0003	10.69	89.45%	11.96	-0.0585	-0.0033	-0.0132	0.0094	0.0004	0.0001	-0.0651	0.0036	10.65	89.03%	11.96	-0.1044	-0.0061	-0.0275	0.0215	0.0024	0.0003	-0.1138	0.0049	10.59	88.56%	11.96	-0.1568	-0.0091	-0.0418	0.0359	0.0050	0.0005	-0.1663	0.0065	10.53	88.07%
Seagrams		0.0001	[redacted]			-0.0025	-0.0213	-0.0340	0.0040	0.0006	0.0000	-0.0532	0.0020	[redacted]			-0.0038	-0.0308	-0.0523	0.0096	0.0018	0.0005	-0.0750	0.0028	[redacted]			-0.0050	-0.0411	-0.0702	0.0159	0.0028	0.0010	-0.0966	0.0048	[redacted]	
Seahorse		0.0000	0.82	5.83%	14.12	0.0000	0.0000	-0.0025	0.0145	0.0016	-0.0004	0.0132	0.0000	0.84	5.95%	14.12	0.0000	0.0000	-0.0044	0.0296	0.0034	-0.0008	0.0278	0.0000	0.85	6.05%	14.12	0.0000	0.0000	-0.0062	0.0442	0.0048	-0.0013	0.0415	0.0000	0.88	6.20%
Seals		0.0163	5.64	67.55%	8.35	-0.0325	-0.0124	-0.0094	0.0135	0.0004	0.0004	-0.0400	0.0233	5.62	67.28%	8.35	-0.0592	-0.0231	-0.0174	0.0298	0.0010	0.0014	-0.0675	0.0243	5.59	66.92%	8.35	-0.0880	-0.0346	-0.0253	0.0481	0.0017	0.0022	-0.0959	0.0254	5.56	66.55%
Seaman		0.0000	2.91	99.38%	2.93	-0.0010	-0.0003	-0.0036	0.0103	0.0006	-0.0004	0.0056	0.0000	2.92	99.61%	2.93	-0.0018	-0.0006	-0.0073	0.0209	0.0016	-0.0009	0.0119	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Searay		0.0001	11.91	99.58%	11.96	-0.0553	-0.0035	-0.0143	0.0217	0.0019	-0.0002	-0.0497	0.0012	11.87	99.29%	11.96	-0.0954	-0.0067	-0.0286	0.0442	0.0044	-0.0004	-0.0825	0.0017	11.83	98.98%	11.96	-0.1373	-0.0101	-0.0421	0.0655	0.0076	-0.0006	-0.1170	0.0027	11.80	98.66%
Seaside		4.2569	[redacted]			-0.0003	-0.0069	-0.0151	0.0014	0.0007	0.0000	-0.0202	4.2575	[redacted]			-0.0003	-0.0069	-0.0230	0.0031	0.0074	0.0000	-0.0197	4.2576	[redacted]			-0.0003	-0.0069	-0.0302	0.0048	0.0121	0.0000	-0.0205	4.2578	[redacted]	
Seat		0.0000	6.82	57.01%	11.96	-0.0110	-0.0059	-0.0085	0.0678	0.0080	0.0010	0.0514	0.0000	6.86	57.36%	11.96	-0.0207	-0.0116	-0.0209	0.1308	0.0124	0.0016	0.0916	0.0000	6.90	57.71%	11.96	-0.0315	-0.0177	-0.0334	0.1948	0.0168	0.0021	0.1311	0.0000	5.84	48.86%
Seaweed		0.0003	7.78	66.30%	11.74	-0.0166	-0.0120	-0.0155	0.0700	0.0060	0.0020	0.0339	0.0061	7.79	66.34%	11.74	-0.0382	-0.0275	-0.0385	0.1262	0.0090	0.0021	0.0331	0.0088	7.79	66.32%	11.74	-0.0628	-0.0441	-0.0629	0.1842	0.0119	0.0023	0.0286	0.0152	7.79	66.33%
Seawolf		0.4667	9.62	80.46%	11.96	-0.0575	-0.0017	-0.0087	0.0303	0.0010	0.0000	-0.0366	0.9764	10.16	84.95%	11.96	-0.1008	-0.0032	-0.0179	0.0625	0.0028	-0.0001	-0.0567	1.3999	10.60	88.64%	11.96	-0.1450	-0.0048	-0.0267	0.0939	0.0052	-0.0002	-0.0776	2.0227	4.11	34.34%
Sebastian		0.0000	1.87	74.85%	2.50	-0.0057	-0.0001	-0.0018	0.0052	0.0009	0.0000	-0.0015	0.2684	2.17	86.61%	2.50	-0.0103	-0.0002	-0.0037	0.0106	0.0021	0.0000	-0.0015	0.4831	2.40	96.02%	2.50	-0.0152	-0.0003	-0.0055	0.0157	0.0039	0.0000	-0.0014	0.6224	2.40	95.78%
Seco		0.0000	12.82	79.27%	16.18	-0.0225	-0.0095	-0.0149	0.0824	0.0022	-0.0006	0.0371	0.0000	12.88	79.60%	16.18	-0.0393	-0.0183	-0.0308	0.1702	0.0056	-0.0012	0.0862	0.0000	12.93	79.90%	16.18	-0.0589	-0.0276	-0.0469	0.2556	0.0107	-0.0017	0.1312	0.0000	12.97	80.16%
Secretary		0.1858	[redacted]			-0.0012	-0.0081	-0.0160	0.0025	0.0003	0.0000	-0.0225	0.2368	[redacted]			-0.0022	-0.0148	-0.0287	0.0053	0.0007	0.0000	-0.0397	0.2560	[redacted]			-0.0033	-0.0215	-0.0411	0.0085	0.0015	0.0000	-0.0559	0.2684	[redacted]	
Security		0.0000	1.17	43.14%	2.71	-0.0003	-0.0046	-0.0046	0.0046	0.0001	0.0000	-0.0048	0.0000	1.17	43.04%	2.71	-0.0006	-0.0089	-0.0075	0.0096	0.0002	0.0000	-0.0072	0.0000	1.16	42.94%	2.71	-0.0009	-0.0135	-0.0103	0.0146	0.0003	0.0000	-0.0098	0.0000	1.16	42.97%
Segerstrom		0.0000	7.37	61.65%	11.96	-0.0043	-0.0218	-0.0335	0.0126	0.0004	-0.0003	-0.0469	0.0000	7.34	61.35%	11.96	-0.0086	-0.0399	-0.0595	0.0263	0.0017	-0.0005	-0.0805	0.0060	7.31	61.10%	11.96	-0.0130	-0.0594	-0.0845	0.0399	0.0031	-0.0007	-0.1146	0.1828	7.47	62.50%
Segovia		0.0000	[redacted]			-0.0044	-0.0183	-0.0308	0.0214	0.0006	-0.0015	-0.0330	0.0000	[redacted]			-0.0068	-0.0288	-0.0551	0.0451	0.0016	-0.0031	-0.0471	0.0000	[redacted]			-0.0096	-0.0400	-0.0788	0.0663	0.0031	-0.0047	-0.0637	0.1333	[redacted]	
Seguro		0.0002	10.15	84.90%	11.96	-0.0249	-0.0179	-0.0347	0.0587	0.0008	-0.0005	-0.0185	0.0028	10.15	84.90%	11.96	-0.0454	-0.0331	-0.0650	0.1216	0.0020	-0.0010	-0.0209	0.0039	10.15	84.85%	11.96	-0.0691	-0.0494	-0.0948	0.1833	0.0039	-0.0015	-0.0276	0.0065	10.13	84.76%
Sellers		0.0004	9.91	82.86%	11.96	-0.0096	-0.0052	-0.0162	0.0431	0.0012	-0.0002	0.0131	0.0069	9.93	83.08%	11.96	-0.0171	-0.0096	-0.0334	0.0886	0.0029	-0.0003	0.0311	0.0081	9.95	83.24%	11.96	-0.0251	-0.0143	-0.0507	0.1325	0.0058	-0.0004	0.0478	0.0081	9.96	83.28%
Selva		0.0000	9.62	59.47%	16.18	-0.0016	-0.0178	-0.0449	0.0539	0.0005	-0.0021	-0.0120	0.0000	9.62	59.50%	16.18	-0.0031	-0.0332	-0.0825	0.1123	0.0016	-0.0035	-0.0084	0.0000	9.63	59.53%	16.18	-0.0046	-0.0497	-0.1170	0.1701	0.0030	-0.0049	-0.0031	0.0000	9.63	59.54%
Semester		1.3882	[redacted]			-0.0032	-0.0278	-0.0226	0.0079	0.0002	-0.0002	-0.0457	1.7426	[redacted]			-0.0058	-0.0464	-0.0410	0.0177	0.0006	-0.0004	-0.0753	1.8663	[redacted]			-0.0085	-0.0664	-0.0595	0.0289	0.0009	-0.0007	-0.1053	1.9532	[redacted]	
Seminary		0.0002	7.35	52.05%	14.12	-0.0182	-0.0062	-0.0133	0.0287	0.0009	-0.0005	-0.0086	0.5628	7.96	56.38%	14.12	-0.0283	-0.0101	-0.0247	0.0667	0.0023	-0.0009	0.0050	0.7619	8.18	57.96%	14.12	-0.0391	-0.0143	-0.0360	0.1027	0.0044	-0.0013	0.0164	0.9077	8.33	59.02%
Semora		0.0000	9.62	80.49%	11.96	-0.0063	-0.0142	-0.0245	0.0188	0.0012	-0.0001	-0.0251	0.0000	9.61	80.35%	11.96	-0.0114	-0.0265	-0.0445	0.0406	0.0023	-0.0004	-0.0399	0.0000	9.59	80.21%	11.96	-0.0171	-0.0396	-0.0648	0.0624	0.0043	-0.0007	-0.0555	0.0000	9.57	80.06%
Senate		0.0000	10.86	90.84%	11.96	-0.0072	-0.0044	-0.0087	0.0313	0.0015	-0.0002	0.0123	0.0000	10.88	91.00%	11.96	-0.0126	-0.0083	-0.0176	0.0640	0.0046	-0.0004	0.0297	0.0000	10.90	91.14%	11.96	-0.0192	-0.0126	-0.0266	0.0950	0.0093	-0.0006	0.0453	0.0000	10.91	91.27%
Seneca		0.3105	[redacted]			-0.0503	-0.0307	-0.0621	0.0692	0.0054	-0.0019	-0.0704	0.3993	[redacted]			-0.0936	-0.0527	-0.1148	0.1424	0.0125	-0.0036	-0.1098	0.4296	[redacted]			-0.1383	-0.0785	-0.1646	0.2130	0.0207	-0.0053	-0.1530	0.4593	[redacted]	
Senga		0.0000	1.54	54.97%	2.80	0.0000	0.0000	-0.0020	0.0100	0.0011	-0.0002	0.0089	0.0000	1.55	55.33%	2.80	0.0000	0.0000	-0.0040	0.0203	0.0025	-0.0004	0.0184	0.0000	1.56	55.71%	2.80	0.0000	0.0000	-0.0061	0.0307	0.0047	-0.0006	0.0287	0.0000	1.57	56.10%
Senorita		0.0000	6.44	53.89%	11.96	-0.0095	-0.0053	-0.0150	0.0130	0.0008	-0.0001	-0.0161	0.0000	7.90	66.06%	11.96	-0.0126	-0.0068	-0.0285	0.0287	0.0029	-0.0009	-0.0172	0.0000	7.89	65.96%	11.96	-0.0212	-0.0116	-0.0420	0.0423	0.0050	-0.0010	-0.0285	0.0000	7.89	65.96%
Sequoia		0.0002	[redacted]			-0.0133	-0.0369	-0.0270	0.0147	0.0011	0.0006	-0.0608	0.0031	[redacted]			-0.0258	-0.0667	-0.0519	0.0303	0.0023	0.0018	-0.1100	0.0041	[redacted]			-0.0382	-0.0989	-0.0775	0.0461	0.0038	0.0029	-0.1618	0.0757	[redacted]	
Serape		0.0003	9.11	76.17%	11.96	-0.0108	-0.0107	-0.0193	0.0079	0.0006	-0.0003	-0.0326	0.0056	9.08	75.98%	11.96	-0.0211	-0.0199	-0.0365	0.0173	0.0018	-0.0006	-0.0590	0.0075	9.06	75.78%	11.96	-0.0309	-0.0297	-0.0530	0.0275	0.0032	-0.0008	-0.0837	0.0092	9.04	75.59%
Serapis		0.0000	2.84	97.06%	2.93	-0.0047	0.0000	-0.0021	0.0079	0.0005	0.0000	0.0016	0.0010	2.85	97.26%	2.93	-0.0084	0.0000	-0.0042	0.0163	0.0021	0.0000	0.0058	0.0014	2.85	97.39%	2.93	-0.0126	0.0000	-0.0067	0.0245	0.0038	0.0000	0.0090	0.0017	2.86	97.49%
Serenity		0.0004	[redacted]			0.0000	0.0000	-0.0168	0.0103	0.0023	-0.0011	-0.0053	0.0062	[redacted]			0.0000	0.0000	-0.0316	0.0210	0.0043	-0.0025	-0.0088	0.0089	[redacted]			0.0000	0.0000	-0.0461	0.0315	0.0069	-0.0038	-0.0115	0.0117	[redacted]	
Serfas	GNA_2023_89	0.0001	[redacted]			-0.0049	-0.0229	-0.0264	0.0116	0.0003	0.0001	-0.0422	0.0019	[redacted]			-0.0097	-0.0418	-0.0490	0.0242	0.0009	0.0003	-0.0751	0.0027	[redacted]			-0.0143	-0.0621	-0.0723	0.0370	0.0015	0.0004	-0.1098	0.0046	[redacted]	
Serna		0.0000	7.84	65.55%	11.96	-0.0247	-0.0234	-0.0309	0.0146	0.0006	-0.0002	-0.0640	0.0000	7.79	65.11%	11.96	-0.0443	-0.0440	-0.0550	0.0308	0.0017	-0.0010	-0.1118	0.0000	7.73	64.68%	11.96	-0.0645	-0.0660	-0.0769	0.0472	0.0031	-0.0018	-0.1589	0.0000	7.68	64.24%
Serpentine	GNA_2023_2	3.7666	11.10	92.82%	11.96	-0.0196	-0.0373	-0.0440	0.0098	0.0004	-0.0002	-0.0909	4.0682	10.22	85.44%	11.96	-0.0387	-0.0682	-0.0818	0.0238	0.0012	-0.0004	-0.1641	4.1730	10.26	85.77%	11.96	-0.0570	-0.1015	-0.1180	0.0417	0.0023	-0.0006	-0.2331	4.4103	10.44	87.33%
Serra		0.0002	[redacted]			-0.0039	-0.0166	-0.0378	0.0399	0.0010	0.0000	-0.0174	0.0034	[redacted]			-0.0066	-0.0263	-0.0690	0.0929	0.0019	-0.0001	-0.0072	0.0049	[redacted]			-0.0105	-0.0409	-0.1025	0.1348	0.0027	-0.0001	-0.0165	0.1905	[redacted]	
Serranos		0.0000	10.70	89.52%	11.96	-0.0121	-0.0209	-0.0301	0.0122	0.0006	-0.0008	-0.0511	0.0000	10.66	89.18%	11.96	-0.0218	-0.0393	-0.0549	0.0256	0.0022	-0.0015	-0.0897	0.0000	10.63	88.88%	11.96	-0.0307	-0.0562	-0.0795	0.0417	0.0041	-0.0024	-0.1230	0.0000	10.59	88.59%
Servo		0.0000	2.32	85.49%	2.71	-0.0028	-0.0033	-0.0041	0.0148	0.0009	-0.0001	0.0054	0.0000	2.33	86.04%	2.71	-0.0042	-0.0052	-0.0080	0.0345	0.0028	-0.0004	0.0195	0.0000	2.34	86.50%	2.71	-0.0056	-0.0072	-0.0127	0.0532	0.0043	-0.0007	0.0313	0.0000	2.35	86.92%
Sespe		0.0000	[redacted]			-0.0004	-0.0001	-0.0002	0.0006	0.0006	0.0000	0.0005	0.0000	[redacted]			-0.0008	-0.0002	-0.0004	0.0013	0.0013	0.0000	0.0012	0.0000	[redacted]			-0.0012	-0.0003	-0.0006	0.0019	0.0024	0.0000	0.0022	0.0000	[redacted]	
Settler		0.0001	8.79	73.49%	11.96	-0.0139	-0.0126	-0.0223	0.0104	0.0012	-0.0004	-0.0376	0.0011	8.77	73.38%	11.96	-0.0202	-0.0190	-0.0419	0.0275	0.0029	-0.0009	-0.0516	0.0015	8.76	73.24%	11.96	-0.0276	-0.0258	-0.0613	0.0439	0.0054	-0.0015	-0.0669	0.0026	8.73	72.98%
Sevaine		0.0004	11.09	92.75%	11.96	-0.0553	-0.0064	-0.0184	0.0338	0.0008	-0.0003	-0.0458	0.0036	11.09	92.75%	11.96	-0.0835	-0.0101	-0.0359	0.0781	0.0028	-0.0006	-0.0492	0.0050	7.27	60.83%	11.96	-0.1129	-0.0140	-0.0521	0.1204	0.0057	-0.0009	-0.0538	0.0073	7.27	60.79%
Seventh St.		0.0000	0.53	32.00%	1.65	0.0000	0.0000	-0.0019	0.0233	0.0016	-0.0003	0.0227	0.0000	0.55	33.59%	1.65	0.0000	0.0000	-0.0036	0.0480	0.0037	-0.0006	0.0475	0.0000	0.58	35.12%	1.65	0.0000	0.0000	-0.0053	0.0719	0.0056	-0.0009	0.0713	0.0000	0.60	36.54%
Seville		2.0091	7.43	62.18%	11.96	-0.0093	-0.0111	-0.0091	0.0060	0.0003	-0.0002	-0.0234	3.3009	8.76	73.24%	11.96	-0.0180	-0.0204	-0.0181	0.0128	0.0009	-0.0012	-0.0440	3.9762	9.44	78.93%	11.96	-0.0267	-0.0304	-0.0282	0.0199	0.0023	-0.0017	-0.0648	3.9900	9.43	78.88%
Sewell		0.1131	9.88	82.65%	11.96	-0.0438	-0.0144	-0.0276	0.0654	0.0016	0.0000	-0.0188	0.1137	9.88	82.65%	11.96	-0.0810	-0.0269	-0.0517	0.1362	0.0042	0.0001	-0.0191	0.1140	9.89	82.68%	11.96	-0.1223	-0.0403	-0.0703	0.2068	0.0092	0.0001	-0.0168	0.1147	9.89	82.68%
Sexton		0.0003	9.45	73.02%	12.94	-0.0195	-0.0124	-0.0318	0.1017	0.0026	-0.0003	0.0403	0.4380	9.99	77.22%	12.94	-0.0318	-0.0201	-0.0613	0.2368	0.0072	-0.0024	0.1284	0.4384	10.05	77.69%	12.94	-0.0495	-0.0316	-0.0909	0.3458	0.0156	-0.0027	0.1867	0.4384	10.13	78.30%
SHADE		0.0002	10.16	84.98%	11.96	-0.0085	-0.0256	-0.0348	0.0197	0.0008	-0.0028	-0.0512	0.0026	10.12	84.65%	11.96	-0.0156	-0.0481	-0.0643	0.0407	0.0021	-0.0053	-0.0905	0.0044	10.08	84.29%	11.96	-0.0236	-0.0722	-0.0937	0.0611	0.0037	-0.0077	-0.1324	0.0075	10.03	83.93%
Shadow		0.0000	[redacted]			-0.0130	-0.0057	-0.0123	0.0306	0.0008	-0.0001	0.0003	0.0003	[redacted]			-0.0245	-0.0108	-0.0230	0.0631	0.0020	-0.0002	0.0066	0.0004	[redacted]			-0.0327	-0.0144	-0.0342	0.1015	0.0048	-0.0006	0.0244	0.0005	[redacted]	
Shaffer		0.0002	8.69	72.69%	11.96	-0.0188	-0.0085	-0.0142	0.0574	0.0006	-0.0002	0.0163	0.0017	8.74	73.13%	11.96	-0.0311	-0.0147	-0.0281	0.1368	0.0020	-0.0004	0.0645	0.0023	8.78	73.40%	11.96	-0.0446	-0.0214	-0.0410	0.1974	0.0038	-0.0006	0.0936	0.0031	8.80	73.58%
Shake		0.0002	13.54	70.69%	19.16	-0.0811	0.0000	-0.0464	0.0423	0.0041	-0.0011	-0.0822	0.0031	13.54	70.65%	19.16	-0.1213	0.0000	-0.0887	0.1114	0.0102	-0.0031	-0.0915	0.0036	13.47	70.31%	19.16	-0.1961	0.0000	-0.1290	0.1619	0.0170	-0.0044	-0.1506	0.0050	13.42	70.02%
Shamrock		0.0000	2.06	91.92%	2.24	-0.0006	-0.0004	-0.0029	0.0094	0.0007	-0.0004	0.0058	0.0000	2.07	92.25%	2.24	-0.0011	-0.0008	-0.0054	0.0191	0.0015	-0.0008	0.0125	0.0000	2.08	92.58%	2.24	-0.0017	-0.0012	-0.0077	0.0282	0.0028	-0.0012	0.0192	0.0000	2.08	92.88%
Shangrila		1.3830	7.77	74.43%	10.43	-0.0105	-0.0056	-0.0165	0.0153	0.0006	-0.0013	-0.0180	1.3832	7.76	74.32%	10.43	-0.0186	-0.0107	-0.0309	0.0318	0.0022	-0.0024	-0.0286	1.3833	7.75	74.22%	10.43	-0.0277	-0.0161	-0.0434	0.0479	0.0045	-0.0035	-0.0383	1.3834	7.74	74.13%
Shank		0.0001	6.17	51.58%	11.96	-0.0095	-0.0152	-0.0214	0.0329	0.0009	-0.0020	-0.0143	0.0008	6.16	51.52%	11.96	-0.0181	-0.0289	-0.0405	0.0683	0.0022	-0.0038	-0.0208	0.0010	6.15	51.47%	11.96	-0.0272	-0.0435	-0.0581	0.1032	0.0039	-0.0055	-0.0272	0.0012	6.15	51.40%
Sharp		0.0001	2.70	92.25%	2.93	-0.0085	0.0000	-0.0024	0.0135	0.0006	0.0000	0.0032	0.0014	2.71	92.41%	2.93	-0.0155	0.0000	-0.0050	0.0254	0.0017	0.0000	0.0066	0.0020	2.71	92.62%	2.93	-0.0233	0.0000	-0.0079	0.0394	0.0035	0.0000	0.0117	0.0035	2.72	92.80%
Shasta		0.0002	[redacted]			-0.0116	-0.0036	-0.0074	0.0123	0.0005	-0.0002	-0.0100	0.0040	[redacted]			-0.0212	-0.0066	-0.0137	0.0271	0.0013	-0.0003	-0.0134	0.0046	[redacted]			-0.0310	-0.0098	-0.0196	0.0436	0.0024	-0.0004	-0.0148	0.0064	[redacted]	
Shaw		0.0000	2.35	98.58%	2.39	-0.0075	-0.0007	-0.0022	0.0183	0.0004	0.0000	0.0083	0.0000	2.37	99.15%	2.39	-0.0132	-0.0013	-0.0044	0.0388	0.0012	0.0000	0.0211	0.0000	2.38	99.79%	2.39	-0.0194	-0.0019	-0.0066	0.0606	0.0025	0.0000	0.0352	0.0000	2.06	86.44%
Sheep		0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0002	0.0005	-0.0002	-0.0006	0.0007	[redacted]			0.0000	0.0000	-0.0019	0.0005	0.0012	-0.0004	-0.0006	0.0009	[redacted]			0.0000	0.0000	-0.0027	0.0010	0.0019	-0.0006	-0.0004	0.0014	[redacted]	
Sheephole		0.0000	[redacted]			-0.0692	-0.0017	-0.0163	0.0087	0.0003	-0.0006	-0.0788	0.0000	[redacted]			-0.1328	-0.0030	-0.0307	0.0191	0.0020	-0.0008	-0.1462	0.9449	[redacted]			-0.1954	-0.0044	-0.0449	0.0306	0.0046	-0.0013	-0.2108	0.9449	[redacted]	
Sheffield	GNA_2023_61	2.5624	12.26	102.89%	11.91	-0.0143	-0.0092	-0.0184	0.0636	0.0005	0.0004	0.0226	3.3756	13.16	81.35%	16.18	-0.0254	-0.0164	-0.0366	0.1379	0.0014	0.0001	0.0610	3.3756	13.20	81.57%	16.18	-0.0384	-0.0246	-0.0539	0.2093	0.0028	0.0002	0.0954	3.3756	13.23	81.78%
Sheila		0.0001	[redacted]			-0.0004	-0.0094	-0.0151	0.0005	0.0003	-0.0002	-0.0243	0.0013	[redacted]			-0.0008	-0.0173	-0.0268	0.0011	0.0007	-0.0003	-0.0434	0.0016	[redacted]			-0.0013	-0.0258	-0.0381	0.0018	0.0011	-0.0004	-0.0627	0.0162	[redacted]	
Shell		0.0001	[redacted]			-0.0008	-0.0190	-0.0311	0.0526	0.0005	0.0000	0.0022	0.0018	[redacted]			-0.0016	-0.0345	-0.0559	0.1151	0.0014	0.0000	0.0245	0.0022	[redacted]			-0.0024	-0.0512	-0.0805	0.1607	0.0024	0.0000	0.0290	0.0025	[redacted]	
Shelldom		0.0000	1.87	15.64%	11.96	-0.0006	-0.0052	-0.0063	0.0082	0.0001	0.0000	-0.0038	0.0001	1.87	15.63%	11.96	-0.0012	-0.0099	-0.0116	0.0174	0.0002	0.0000	-0.0051	0.0001	1.87	15.61%	11.96	-0.0018	-0.0149	-0.0167	0.0254	0.0003	0.0000	-0.0077	0.0001	1.86	15.58%
Shenandoah		0.0004	11.36	70.25%	16.18	-0.0130	-0.0073	-0.0212	0.0326	0.0005	-0.0005	-0.0089	0.0056	11.37	70.30%	16.18	-0.0234	-0.0136	-0.0390	0.0674	0.0016	-0.0010	-0.0080	0.0064	11.37	70.29%	16.18	-0.0352	-0.0204	-0.0566	0.1013	0.0031	-0.0015	-0.0093	0.0064	11.37	70.27%
Shepherd		0.0003	11.31	94.55%	11.96	-0.0380	-0.0051	-0.0138	0.0617	0.0011	-0.0002	0.0057	0.0042	10.26	85.84%	11.96	-0.0684	-0.0097	-0.0282	0.1274	0.0029	-0.0004	0.0236	0.0059	10.28	85.98%	11.96	-0.1024	-0.0146	-0.0427	0.1915	0.0057	-0.0006	0.0369	0.0100	10.29	86.09%
Sheraton		0.0000	[redacted]			-0.0149	-0.0352	-0.0351	0.0074	0.0001	-0.0012	-0.0789	0.0000	[redacted]			-0.0219	-0.0519	-0.0628	0.0194	0.0007	-0.0030	-0.1195	0.0000	[redacted]			-0.0288	-0.0697	-0.0893	0.0308	0.0016	-0.0049	-0.1603	0.0000	[redacted]	
Sherbourne		0.5009	9.78	60.47%	16.18	-0.0097	-0.0101	-0.0318	0.0742	0.0007	-0.0009	0.0224	0.6288	9.96	61.54%	16.18	-0.0173	-0.0188	-0.0572	0.1517	0.0021	-0.0017	0.0588	0.6776	10.04	62.07%	16.18	-0.0260	-0.0282	-0.0821	0.2252	0.0042	-0.0025	0.0906	0.7098	10.10	62.43%
Sheridan		0.0000	10.91	91.23%	11.96	-0.0324	-0.0045	-0.0133	0.0311	0.0013	-0.0001	-0.0179	0.0000	10.90	91.14%	11.96	-0.0590	-0.0085	-0.0275	0.0645	0.0034	-0.0002	-0.0273	0.0000	10.89	91.05%	11.96	-0.0863	-0.0128	-0.0418	0.0973	0.0065	-0.0003	-0.0374	0.0000	10.88	90.97%
Sherman		0.0000	1.89	64.43%	2.93	-0.0002	-0.0017	-0.0039	0.0076	0.0004	-0.0003	0.0019	0.0001	1.89	64.55%	2.93	-0.0004	-0.0033	-0.0074	0.0155	0.0012	-0.0005	0.0051	0.0001	1.89	64.66%	2.93	-0.0006	-0.0050	-0.0109	0.0230	0.0024	-0.0008	0.0081	0.0001	1.90	64.87%
Sherry		0.0002	8.90	74.40%	11.96	-0.0104	-0.0020	-0.0083	0.0114	0.0009	-0.0001	-0.0085	0.0020	8.89	74.36%	11.96	-0.0185	-0.0037	-0.0178	0.0235	0.0024	-0.0002	-0.0143	0.0027	8.88	74.31%	11.96	-0.0273	-0.0055	-0.0275	0.0353	0.0046	-0.0003	-0.0207	0.0036	8.88	74.24%
Sheryl		0.0001	8.84	73.94%	11.96	-0.0315	-0.0049	-0.0153	0.0131	0.0006	-0.0001	-0.0381	0.0008	8.81	73.69%	11.96	-0.0572	-0.0092	-0.0304	0.0272	0.0021	-0.0002	-0.0677	0.0011	8.78	73.45%	11.96	-0.0827	-0.0138	-0.0434	0.0410	0.0046	-0.0003	-0.0946	0.0018	8.76	73.24%
Shetland		0.0001	[redacted]			-0.0308	-0.0048	-0.0164	0.0386	0.0009	-0.0001	-0.0126	0.0001	[redacted]			-0.0543	-0.0087	-0.0320	0.0787	0.0027	-0.0003	-0.0139	0.0001	[redacted]			-0.0779	-0.0129	-0.0465	0.1166	0.0050	-0.0005	-0.0162	0.0001	[redacted]	
Shine		0.3410	10.59	88.59%	11.96	-0.0032	-0.0010	-0.0144	0.0623	0.0015	-0.0013	0.0439	0.4248	10.74	89.80%	11.96	-0.0058	-0.0018	-0.0300	0.1273	0.0036	-0.0022	0.0911	0.4532	10.82	90.48%	11.96	-0.0084	-0.0027	-0.0458	0.1890	0.0072	-0.0031	0.1362	0.4724	10.87	90.93%
Shipley		0.0000	5.49	45.91%	11.96	-0.0070	-0.0277	-0.0250	0.0099	0.0001	-0.0019	-0.0516	0.0000	5.44	45.54%	11.96	-0.0139	-0.0521	-0.0436	0.0208	0.0003	-0.0029	-0.0914	0.0000	5.40	45.17%	11.96	-0.0205	-0.0782	-0.0607	0.0319	0.0005	-0.0039	-0.1309	0.0000	5.36	44.79%
Shipway		0.0001	2.54	86.76%	2.93	-0.0023	0.0000	-0.0024	0.0271	0.0007	-0.0002	0.0229	0.0021	2.57	87.71%	2.93	-0.0041	0.0000	-0.0050	0.0552	0.0020	-0.0007	0.0474	0.0032	2.59	88.57%	2.93	-0.0062	0.0000	-0.0076	0.0816	0.0039	-0.0012	0.0705	0.0057	2.61	88.97%
Shiraz		0.0003	11.61	97.08%	11.96	-0.0279	-0.0170	-0.0250	0.0110	0.0009	0.0001	-0.0579	0.0031	11.58	96.89%	11.96	-0.0404	-0.0249	-0.0481	0.0291	0.0027	-0.0003	-0.0819	0.0036	11.56	96.67%	11.96	-0.0541	-0.0334	-0.0709	0.0474	0.0051	-0.0008	-0.1067	0.0036	11.53	96.44%
Shirk		0.0000	8.84	73.94%	11.96	-0.0095	-0.0062	-0.0176	0.0136	0.0003	-0.0008	-0.0202	0.0010	8.83	73.83%	11.96	-0.0169	-0.0116	-0.0348	0.0280	0.0026	-0.0017	-0.0344	0.0012	8.81	73.71%	11.96	-0.0248	-0.0174	-0.0497	0.0419	0.0048	-0.0026	-0.0478	0.0017	8.80	73.60%
Shirley		0.0000	2.13	89.18%	2.39	-0.0037	-0.0004	-0.0021	0.0062	0.0002	0.0000	0.0002	0.0003	2.13	89.27%	2.39	-0.0068	-0.0007	-0.0043	0.0128	0.0010	0.0000	0.0020	0.0004	2.13	89.34%	2.39	-0.0105	-0.0011	-0.0066	0.0192	0.0022	0.0000	0.0032	0.0007	2.13	89.38%
Shoemaker		0.0003	10.86	67.14%	16.18	-0.0033	-0.0225	-0.0297	0.0199	0.0006	-0.0014	-0.0364	0.0055	10.86	67.14%	16.18	-0.0049	-0.0336	-0.0526	0.0525	0.0014	-0.0032	-0.0404	0.0070	10.86	67.11%	16.18	-0.0065	-0.0455	-0.0756	0.0834	0.0026	-0.0051	-0.0467	0.0081	10.85	67.05%
Shooter		0.0003	[redacted]			-0.0176	-0.0130	-0.0244	0.0483	0.0007	-0.0005	-0.0065	0.0055	[redacted]			-0.0327	-0.0238	-0.0465	0.0995	0.0019	-0.0009	-0.0025	0.0080	[redacted]			-0.0492	-0.0354	-0.0685	0.1493	0.0037	-0.0013	-0.0014	0.0138	[redacted]	
Shopper		0.9255	8.61	72.01%	11.96	-0.0100	-0.0323	-0.0421	0.0357	0.0007	-0.0005	-0.0485	1.6563	9.37	78.40%	11.96	-0.0179	-0.0588	-0.0825	0.0759	0.0018	-0.0009	-0.0824	1.6637	9.33	78.07%	11.96	-0.0268	-0.0874	-0.1239	0.1105	0.0034	-0.0013	-0.1255	1.6812	9.32	77.99%
Shopping		0.0003	10.98	77.74%	14.12	-0.0074	-0.0262	-0.0427	0.0245	0.0004	0.0003	-0.0511	1.1015	12.14	86.02%	14.12	-0.0139	-0.0492	-0.0772	0.0516	0.0019	0.0003	-0.0865	1.1017	12.12	85.82%	14.12	-0.0197	-0.0699	-0.1115	0.0861	0.0038	-0.0014	-0.1126	1.1017	12.09	85.60%
Shops		0.0002	6.58	55.06%	11.96	-0.0060	-0.0241	-0.0217	0.0034	0.0004	-0.0002	-0.0482	0.0028	6.54	54.73%	11.96	-0.0117	-0.0452	-0.0389	0.0072	0.0010	-0.0005	-0.0881	0.0032	6.50	54.38%	11.96	-0.0172	-0.0677	-0.0562	0.0111	0.0020	-0.0007	-0.1287	0.0044	6.46	54.03%
Shorb		0.0000	2.92	99.56%	2.93	-0.0021	-0.0010	-0.0046	0.0124	0.0006	-0.0002	0.0051	0.0005	2.92	99.82%	2.93	-0.0038	-0.0019	-0.0091	0.0254	0.0015	-0.0004	0.0117	0.0007	2.67	91.20%	2.93	-0.0058	-0.0028	-0.0136	0.0377	0.0029	-0.0006	0.0178	0.0013	2.68	91.41%
Shoreline		0.0000	1.22	8.12%	15.06	0.0000	0.0000	-0.0030	0.1247	0.0022	0.0006	0.1245	0.0000	1.33	8.81%	15.06	-0.0057	-0.0007	-0.0086	0.2322	0.0063	0.0005	0.2240	0.0000	1.47	9.74%	15.06	-0.0057	-0.0007	-0.0114	0.3654	0.0110	0.0010	0.3596	0.0000	1.60	10.65%
Shotgun		0.0000	11.22	93.85%	11.96	-0.0079	-0.0159	-0.0247	0.0156	0.0010	-0.0010	-0.0329	0.0000	11.20	93.67%	11.96	-0.0138	-0.0292	-0.0460	0.0360	0.0023	-0.0021	-0.0528	0.0000	11.18	93.48%	11.96	-0.0205	-0.0434	-0.0669	0.0559	0.0039	-0.0032	-0.0742	0.0000	11.15	93.25%
Shoup		0.0001	1.50	75.62%	1.98	-0.0030	-0.0003	-0.0022	0.0136	0.0015	-0.0001	0.0095	0.0009	1.51	76.25%	1.98	-0.0053	-0.0006	-0.0048	0.0278	0.0035	-0.0002	0.0204	0.0011	1.52	76.72%	1.98	-0.0080	-0.0009	-0.0080	0.0413	0.0051	-0.0003	0.0292	0.0012	1.53	77.17%
Shovel		0.0001	4.66	63.98%	7.28	-0.0100	-0.0020	-0.0079	0.0339	0.0003	-0.0005	0.0138	0.0011	4.68	64.25%	7.28	-0.0196	-0.0037	-0.0155	0.0700	0.0011	-0.0009	0.0314	0.0018	4.70	64.51%	7.28	-0.0294	-0.0056	-0.0232	0.1051	0.0021	-0.0013	0.0477	0.0029	4.73	64.89%
Show		0.0000	[redacted]			-0.0109	-0.0124	-0.0228	0.0307	0.0006	-0.0003	-0.0151	0.0000	[redacted]			-0.0197	-0.0229	-0.0429	0.0649	0.0015	-0.0006	-0.0197	0.0000	[redacted]			-0.0294	-0.0342	-0.0626	0.0999	0.0028	-0.0009	-0.0244	0.0000	[redacted]	
Showcase		0.0000	[redacted]			-0.0035	-0.0219	-0.0315	0.0466	0.0005	0.0000	-0.0098	0.0000	[redacted]			-0.0043	-0.0268	-0.0560	0.1240	0.0018	-0.0003	0.0384	0.0000	[redacted]			-0.0051	-0.0321	-0.0803	0.1860	0.0034	-0.0006	0.0713	0.0000	[redacted]	
Showdown		0.0000	7.12	59.55%	11.96	-0.0176	-0.0007	-0.0065	0.0149	0.0006	0.0000	-0.0093	0.0000	7.12	59.52%	11.96	-0.0305	-0.0013	-0.0137	0.0313	0.0014	0.0000	-0.0128	0.0000	7.11	59.48%	11.96	-0.0446	-0.0020	-0.0211	0.0480	0.0027	0.0000	-0.0170	0.0000	7.11	59.44%
Siam	GNA_2023_198	0.0000	9.37	78.33%	11.96	-0.0150	-0.0031	-0.0106	0.0555	0.0003	-0.0002	0.0269	0.0000	9.40	78.64%	11.96	-0.0290	-0.0059	-0.0215	0.1152	0.0020	-0.0003	0.0605	0.0000	9.44	78.94%	11.96	-0.0436	-0.0089	-0.0324	0.1742	0.0045	-0.0004	0.0934	0.0000	9.47	79.23%
Sid		0.0327	[redacted]			-0.0021	-0.0062	-0.0170	0.0086	0.0004	-0.0002	-0.0165	0.0370	[redacted]			-0.0038	-0.0114	-0.0315	0.0175	0.0010	-0.0004	-0.0286	0.0377	[redacted]			-0.0057	-0.0170	-0.0457	0.0260	0.0020	-0.0006	-0.0410	0.0381	[redacted]	
Sidewinder		0.0003	10.19	62.97%	16.18	-0.0130	-0.0247	-0.0345	0.0230	0.0013	0.0000	-0.0479	0.4498	10.63	65.74%	16.18	-0.0236	-0.0436	-0.0606	0.0496	0.0039	0.0000	-0.0743	0.4503	8.76	54.16%	16.18	-0.0354	-0.0659	-0.0874	0.0749	0.0072	0.0002	-0.1064	0.4926	8.77	54.21%
Sidney		0.2827	10.07	84.22%	11.96	-0.0147	-0.0121	-0.0252	0.0365	0.0006	-0.0002	-0.0151	0.2860	10.07	84.22%	11.96	-0.0273	-0.0222	-0.0460	0.0752	0.0020	-0.0004	-0.0187	0.2874	10.07	84.18%	11.96	-0.0408	-0.0331	-0.0665	0.1127	0.0038	-0.0006	-0.0245	0.2879	10.06	84.12%
Sienna		0.0001	9.24	57.10%	16.18	-0.0084	-0.0044	-0.0155	0.0508	0.0007	-0.0001	0.0231	0.0012	9.27	57.31%	16.18	-0.0153	-0.0081	-0.0310	0.1064	0.0017	-0.0002	0.0535	0.0016	9.30	57.52%	16.18	-0.0229	-0.0121	-0.0466	0.1622	0.0032	-0.0003	0.0835	0.0020	9.34	57.72%
Sierra		0.1866	11.72	98.01%	11.96	-0.0131	-0.0358	-0.0321	0.0139	0.0009	-0.0001	-0.0663	0.2450	11.72	98.05%	11.96	-0.0258	-0.0659	-0.0602	0.0291	0.0024	0.0002	-0.1202	0.2650	8.95	74.83%	11.96	-0.0383	-0.0983	-0.0886	0.0447	0.0041	0.0004	-0.1760	0.2775	8.90	74.47%
Siesta		0.0000	7.73	64.63%	11.96	-0.0111	-0.0125	-0.0236	0.0498	0.0005	-0.0001	0.0030	0.0000	7.74	64.75%	11.96	-0.0212	-0.0231	-0.0443	0.1035	0.0014	-0.0005	0.0158	0.0000	7.76	64.87%	11.96	-0.0321	-0.0345	-0.0635	0.1568	0.0031	-0.0006	0.0292	0.0000	7.77	64.96%
Sigma		0.0002	[redacted]			-0.0013	-0.0223	-0.0312	0.0453	0.0007	0.0000	-0.0088	0.0033	[redacted]			-0.0026	-0.0406	-0.0563	0.1040	0.0017	-0.0001	0.0061	0.0041	[redacted]			-0.0039	-0.0603	-0.0804	0.1453	0.0031	-0.0001	0.0037	0.0046	[redacted]	
Silicone		0.0005	12.41	81.13%	15.29	-0.0122	-0.0297	-0.0482	0.0569	0.0010	0.0003	-0.0319	0.9510	13.43	87.79%	15.29	-0.0222	-0.0557	-0.0836	0.1207	0.0023	0.0003	-0.0382	0.9545	13.43	87.81%	15.29	-0.0329	-0.0835	-0.1139	0.1856	0.0058	0.0003	-0.0386	0.9592	13.43	87.84%
Silo		0.0000	8.59	81.33%	10.57	-0.0120	-0.0016	-0.0099	0.0397	0.0011	0.0000	0.0173	0.0000	8.61	81.53%	10.57	-0.0212	-0.0030	-0.0208	0.0809	0.0027	0.0000	0.0386	0.0000	8.65	81.84%	10.57	-0.0246	-0.0035	-0.0314	0.1247	0.0056	-0.0007	0.0701	0.0000	8.68	82.13%
Silva		0.0000	7.25	60.67%	11.96	-0.0055	-0.0010	-0.0061	0.0352	0.0009	0.0000	0.0235	0.0000	7.28	60.91%	11.96	-0.0101	-0.0018	-0.0134	0.0722	0.0022	0.0000	0.0491	0.0000	7.31	61.14%	11.96	-0.0147	-0.0027	-0.0209	0.1076	0.0043	0.0000	0.0736	0.0000	7.34	61.41%
Silver	GNA_2023_166	0.3853	[redacted]			-0.0114	-0.0180	-0.0351	0.0185	0.0002	-0.0002	-0.0460	0.8354	[redacted]			-0.0207	-0.0327	-0.0637	0.0382	0.0014	-0.0003	-0.0778	0.9969	[redacted]			-0.0346	-0.0543	-0.0897	0.0544	0.0029	-0.0003	-0.1216	1.1020	[redacted]	
Silver Moon		0.0000	1.65	13.79%	11.96	-0.0003	-0.0004	-0.0014	0.0015	0.0003	-0.0002	-0.0005	0.0000	1.65	13.78%	11.96	-0.0005	-0.0008	-0.0028	0.0030	0.0007	-0.0005	-0.0009	0.0000	1.65	13.78%	11.96	-0.0007	-0.0013	-0.0042	0.0044	0.0012	-0.0008	-0.0014	0.0000	1.65	13.78%
Silverside		0.0004	12.70	78.53%	16.18	-0.0056	-0.0168	-0.0414	0.0251	0.0010	-0.0020	-0.0397	0.0066	12.68	78.39%	16.18	-0.0104	-0.0316	-0.0760	0.0514	0.0026	-0.0037	-0.0677	0.0083	12.65	78.21%	16.18	-0.0159	-0.0474	-0.1102	0.0765	0.0049	-0.0055	-0.0976	0.0632	12.68	78.36%
Silvertone		0.0001	11.46	95.86%	11.96	-0.0047	-0.0425	-0.0626	0.0100	0.0005	-0.0010	-0.1003	0.0010	11.39	95.26%	11.96	-0.0091	-0.0780	-0.1151	0.0320	0.0013	-0.0019	-0.1708	0.0014	11.33	94.75%	11.96	-0.0134	-0.1162	-0.1662	0.0667	0.0024	-0.0028	-0.2295	0.0016	11.32	94.65%
Simmons		0.0046	[redacted]			-0.0002	-0.0004	-0.0026	0.0033	0.0005	-0.0004	0.0002	0.0071	[redacted]			-0.0004	-0.0008	-0.0047	0.0067	0.0014	-0.0008	0.0014	0.0082	[redacted]			-0.0006	-0.0012	-0.0067	0.0099	0.0026	-0.0012	0.0028	0.0092	[redacted]	
Sims	GNA_2023_227	0.0001	[redacted]			-0.0133	-0.0056	-0.0272	0.0082	0.0010	-0.0002	-0.0371	0.0013	[redacted]			-0.0268	-0.0122	-0.0476	0.0151	0.0020	-0.0004	-0.0699	0.0016	[redacted]			-0.0416	-0.0193	-0.0679	0.0218	0.0037	-0.0006	-0.1039	0.0018	[redacted]	
Sinaloa		0.0000	13.01	80.42%	16.18	-0.0126	-0.0011	-0.0134	0.0755	0.0008	-0.0002	0.0490	0.0000	13.07	80.79%	16.18	-0.0225	-0.0021	-0.0277	0.1548	0.0029	-0.0004	0.1050	0.0000	13.12	81.13%	16.18	-0.0328	-0.0032	-0.0422	0.2307	0.0058	-0.0006	0.1577	0.0000	13.17	81.44%
Sinker		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0002	0.0016	0.0000	0.0018	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0004	0.0046	0.0000	0.0050	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0006	0.0077	0.0000	0.0083	0.0000	[redacted]	
Sioux		0.0000	[redacted]			-0.0099	-0.0108	-0.0307	0.0664	0.0028	-0.0002	0.0176	0.0000	[redacted]			-0.0184	-0.0199	-0.0603	0.1381	0.0056	-0.0005	0.0446	0.0000	[redacted]			-0.0274	-0.0296	-0.0888	0.2091	0.0080	-0.0007	0.0706	0.0000	[redacted]	
Siren		0.8500	9.11	76.18%	11.96	-0.0108	-0.0213	-0.0275	0.0049	0.0006	-0.0006	-0.0547	1.0608	9.28	77.65%	11.96	-0.0191	-0.0397	-0.0519	0.0102	0.0020	-0.0011	-0.0996	1.1396	9.32	77.94%	11.96	-0.0277	-0.0594	-0.0760	0.0155	0.0037	-0.0016	-0.1455	1.1920	9.33	78.00%
Sitka		0.0003	[redacted]			-0.0006	-0.0155	-0.0193	0.0050	0.0002	-0.0001	-0.0303	0.0035	[redacted]			-0.0012	-0.0283	-0.0351	0.0107	0.0006	-0.0001	-0.0534	0.0048	[redacted]			-0.0018	-0.0421	-0.0508	0.0167	0.0011	-0.0001	-0.0770	0.0064	[redacted]	
Sitzmark		0.0000	7.04	58.92%	11.96	-0.0015	-0.0177	-0.0191	0.0039	0.0024	0.0011	-0.0309	0.0000	7.02	58.68%	11.96	-0.0029	-0.0334	-0.0353	0.0090	0.0049	0.0013	-0.0564	0.0000	6.99	58.46%	11.96	-0.0040	-0.0460	-0.0526	0.0157	0.0062	0.0003	-0.0804	0.0110	6.98	58.36%
Sixteenth St.		0.0000	1.41	48.08%	2.93	-0.0006	-0.0054	-0.0074	0.0067	0.0004	-0.0001	-0.0064	0.0000	1.41	47.98%	2.93	-0.0012	-0.0103	-0.0124	0.0139	0.0009	-0.0001	-0.0092	0.0000	1.40	47.88%	2.93	-0.0018	-0.0155	-0.0172	0.0211	0.0016	-0.0002	-0.0120	0.0000	1.40	47.95%
Sizzler		0.0001	10.93	91.38%	11.96	-0.0099	-0.0066	-0.0241	0.0293	0.0013	-0.0003	-0.0103	0.0021	10.92	91.37%	11.96	-0.0174	-0.0123	-0.0472	0.0604	0.0032	-0.0006	-0.0139	0.0030	10.92	91.33%	11.96	-0.0254	-0.0184	-0.0702	0.0898	0.0065	-0.0009	-0.0186	0.0035	10.90	91.20%
Skelton	GNA_2023_123	0.0001	10.59	88.55%	11.96	-0.0392	-0.0046	-0.0136	0.0137	0.0011	-0.0002	-0.0428	0.0022	10.56	88.29%	11.96	-0.0693	-0.0088	-0.0274	0.0287	0.0033	-0.0004	-0.0739	0.0031	10.52	88.02%	11.96	-0.0994	-0.0132	-0.0411	0.0439	0.0061	-0.0006	-0.1043	0.0052	10.50	87.79%
Ski		0.0005	16.53	71.90%	22.99	-0.0083	0.0000	-0.0081	0.0067	0.0073	0.0025	0.0001	0.0077	16.54	71.94%	22.99	-0.0157	0.0000	-0.0155	0.0140	0.0154	0.0032	0.0014	0.0112	16.55	71.97%	22.99	-0.0235	0.0000	-0.0228	0.0216	0.0243	0.0039	0.0035	0.0864	16.63	72.34%
Skiff		0.0002	9.80	81.97%	11.96	-0.0032	-0.0307	-0.0277	0.0118	0.0002	-0.0001	-0.0497	0.0027	9.76	81.65%	11.96	-0.0064	-0.0562	-0.0510	0.0245	0.0007	0.0001	-0.0883	0.0037	9.74	81.46%	11.96	-0.0087	-0.0752	-0.0709	0.0409	0.0013	0.0013	-0.1113	0.0041	9.72	81.26%
Skinkle		0.0002	[redacted]			-0.0110	-0.0052	-0.0051	0.0072	0.0024	0.0024	-0.0093	0.0026	[redacted]			-0.0216	-0.0094	-0.0109	0.0161	0.0048	0.0034	-0.0176	0.0038	[redacted]			-0.0322	-0.0140	-0.0169	0.0263	0.0077	0.0045	-0.0246	0.0285	[redacted]	
Skinner		0.0002	5.33	16.18%	32.93	-0.0332	-0.0004	-0.0113	0.0165	0.0248	0.0001	-0.0035	0.0027	5.38	16.34%	32.93	-0.0407	-0.0005	-0.0218	0.0434	0.0629	0.0001	0.0434	0.0039	5.45	16.55%	32.93	-0.0437	-0.0005	-0.0322	0.0882	0.0950	0.0001	0.1069	0.0067	5.50	16.70%
Skip	GNA_2023_282	0.0000	6.03	57.78%	10.43	-0.0112	-0.0015	-0.0056	0.0166	0.0006	-0.0001	-0.0012	0.0000	6.04	57.88%	10.43	-0.0175	-0.0025	-0.0110	0.0386	0.0015	-0.0003	0.0088	0.0000	6.05	57.97%	10.43	-0.0246	-0.0035	-0.0166	0.0598	0.0024	-0.0005	0.0170	0.0000	6.06	58.04%
Skipper		0.0000	[redacted]			0.0000	0.0000	-0.0016	0.0030	0.0003	0.0001	0.0018	0.0000	[redacted]			0.0000	0.0000	-0.0028	0.0065	0.0006	0.0002	0.0045	0.0001	[redacted]			0.0000	0.0000	-0.0039	0.0109	0.0009	0.0003	0.0082	0.0004	[redacted]	
Sky Hi		0.0003	6.30	75.47%	8.35	-0.0142	-0.0016	-0.0135	0.0107	0.0009	-0.0075	-0.0252	0.0043	6.27	75.07%	8.35	-0.0442	-0.0049	-0.0268	0.0208	0.0024	-0.0087	-0.0614	0.0060	6.23	74.63%	8.35	-0.0747	-0.0084	-0.0398	0.0307	0.0041	-0.0099	-0.0980	0.0093	6.21	74.45%
Skyborne		0.0368	1.80	25.94%	6.96	-0.0037	-0.0001	-0.0014	0.0022	0.0005	-0.0008	-0.0033	0.0472	1.81	26.06%	6.96	-0.0069	-0.0002	-0.0029	0.0045	0.0013	-0.0015	-0.0057	0.0510	1.81	26.08%	6.96	-0.0102	-0.0003	-0.0045	0.0067	0.0024	-0.0022	-0.0081	0.0559	1.82	26.12%
Skylab		1.1222	8.17	68.31%	11.96	-0.0052	-0.0310	-0.0351	0.0140	0.0002	-0.0001	-0.0572	1.1768	8.18	68.39%	11.96	-0.0106	-0.0584	-0.0641	0.0291	0.0006	-0.0002	-0.1036	1.2164	7.41	61.94%	11.96	-0.0163	-0.0878	-0.0945	0.0451	0.0009	-0.0002	-0.1528	1.4598	6.87	57.49%
Skypark		0.0001	6.80	56.90%	11.96	-0.0026	-0.0224	-0.0322	0.0065	0.0005	0.0000	-0.0502	0.0007	6.76	56.53%	11.96	-0.0054	-0.0420	-0.0592	0.0135	0.0012	-0.0001	-0.0920	0.0008	6.71	56.16%	11.96	-0.0083	-0.0632	-0.0849	0.0205	0.0018	-0.0002	-0.1343	0.0010	6.67	55.79%
Skytrain		0.0000	[redacted]			-0.0466	-0.0030	-0.0115	0.0225	0.0008	0.0000	-0.0378	0.0000	[redacted]			-0.0667	-0.0044	-0.0236	0.0592	0.0028	0.0000	-0.0327	0.0000	[redacted]			-0.0885	-0.0059	-0.0348	0.0942	0.0057	0.0000	-0.0293	0.0000	[redacted]	
Skywalker		0.0001	11.09	92.76%	11.96	-0.0180	-0.0012	-0.0120	0.0272	0.0007	-0.0001	-0.0034	0.0029	11.09	92.72%	11.96	-0.0360	-0.0026	-0.0245	0.0500	0.0020	-0.0002	-0.0113	0.0048	11.08	92.64%	11.96	-0.0557	-0.0041	-0.0368	0.0722	0.0036	-0.0002	-0.0210	0.0079	11.07	92.57%
Slack		0.0000	2.22	99.34%	2.23	-0.0015	-0.0001	-0.0025	0.0074	0.0008	-0.0001	0.0040	0.0004	2.22	99.44%	2.23	-0.0045	-0.0003	-0.0053	0.0141	0.0019	-0.0001	0.0058	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Slade		0.0001	[redacted]			-0.0006	-0.0009	-0.0014	0.0014	0.0007	0.0000	-0.0008	0.0023	[redacted]			-0.0012	-0.0017	-0.0027	0.0038	0.0014	0.0000	-0.0004	0.0033	[redacted]			-0.0018	-0.0025	-0.0040	0.0072	0.0021	0.0000	0.0010	0.0057	[redacted]	
Slalom		0.0000	5.88	49.21%	11.96	0.0000	0.0000	-0.0037	0.0017	0.0031	-0.0004	0.0007	0.0000	5.89	49.23%	11.96	0.0000	0.0000	-0.0077	0.0034	0.0087	-0.0007	0.0037	0.0000	5.89	49.26%	11.96	0.0000	0.0000	-0.0121	0.0053	0.0143	-0.0009	0.0066	0.0173	5.91	49.46%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0174	-0.1568	-0.1718	0.0475	0.0057	-0.0010	-0.2938	1.6449	9.21	77.04%	11.96	-0.0214	-0.1987	-0.2060	0.0586	0.0079	-0.0011	-0.3607	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0212	-0.0008	-0.0335	0.0762	0.0062	-0.0027	0.0242	0.0308	6.77	56.61%	11.96	-0.0251	-0.0010	-0.0411	0.0917	0.0093	-0.0037	0.0301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0769	-0.0186	-0.0455	0.0719	0.0084	0.0000	-0.0607	0.0347	7.34	61.40%	11.96	-0.0931	-0.0236	-0.0555	0.0876	0.0130	0.0000	-0.0716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0713	-0.0131	-0.0627	0.0637	0.0123	-0.0026	-0.0737	0.0009	8.71	72.86%	11.96	-0.0766	-0.0144	-0.0763	0.0791	0.0181	-0.0040	-0.0741	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0039	-0.0696	-0.1020	0.0364	0.0065	0.0001	-0.1325	0.0050	[redacted]			-0.0048	-0.0888	-0.1259	0.0452	0.0072	0.0001	-0.1670	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0004	-0.0267	-0.1133	0.0170	0.0040	-0.0013	-0.1207	0.8417	[redacted]			-0.0005	-0.0324	-0.1391	0.0223	0.0052	-0.0017	-0.1462	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0476	-0.1064	-0.1406	0.2762	0.0064	-0.0028	-0.0148	3.9480	15.46	95.55%	16.18	-0.0585	-0.1347	-0.1674	0.3456	0.0090	-0.0032	-0.0092	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.2157	-0.0123	-0.0545	0.0512	0.0089	0.0007	-0.2217	0.0105	10.46	87.51%	11.96	-0.2843	-0.0157	-0.0668	0.0666	0.0133	0.0009	-0.2860	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0061	-0.0520	-0.0873	0.0224	0.0030	0.0014	-0.1186	0.0096	[redacted]			-0.0071	-0.0635	-0.1043	0.0289	0.0031	0.0019	-0.1410	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	0.0000	0.0000	-0.0077	0.0626	0.0064	-0.0014	0.0599	0.0000	0.89	6.29%	14.12	0.0000	0.0000	-0.0094	0.0750	0.0085	-0.0019	0.0722	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.1185	-0.0467	-0.0325	0.0671	0.0025	0.0030	-0.1251	0.0267	6.49	77.74%	8.35	-0.1517	-0.0594	-0.0394	0.0863	0.0034	0.0040	-0.1568	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1802	-0.0136	-0.0550	0.0845	0.0126	-0.0008	-0.1525	0.0050	11.76	98.36%	11.96	-0.2224	-0.0173	-0.0676	0.1016	0.0191	-0.0010	-0.1876	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0003	-0.0069	-0.0371	0.0063	0.0123	0.0000	-0.0257	4.2582	[redacted]			-0.0003	-0.0069	-0.0436	0.0077	0.0122	0.0000	-0.0309	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0429	-0.0242	-0.0439	0.2562	0.0219	0.0026	0.1697	0.0000	5.88	49.20%	11.96	-0.0553	-0.0311	-0.0542	0.3170	0.0278	0.0032	0.2074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0897	-0.0615	-0.0847	0.2406	0.0154	0.0024	0.0225	0.0313	7.80	66.40%	11.74	-0.1195	-0.0798	-0.1041	0.2966	0.0192	0.0026	0.0150	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1892	-0.0065	-0.0350	0.1228	0.0093	-0.0003	-0.0989	2.0336	4.09	34.25%	11.96	-0.2319	-0.0082	-0.0430	0.1499	0.0141	-0.0004	-0.1195	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.50	-0.0204	-0.0004	-0.0072	0.0202	0.0066	0.0000	-0.0012	0.6246	2.40	95.91%	2.50	-0.0256	-0.0005	-0.0088	0.0243	0.0101	0.0000	-0.0005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0806	-0.0373	-0.0607	0.3340	0.0171	-0.0018	0.1707	0.0000	13.00	80.39%	16.18	-0.1054	-0.0473	-0.0739	0.4077	0.0255	-0.0019	0.2047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0045	-0.0287	-0.0533	0.0115	0.0025	0.0000	-0.0725	0.2684	[redacted]			-0.0058	-0.0363	-0.0654	0.0143	0.0038	0.0000	-0.0894	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.71	-0.0011	-0.0163	-0.0132	0.0214	0.0003	-0.0002	-0.0091	0.0000	1.16	42.86%	2.71	-0.0014	-0.0210	-0.0161	0.0265	0.0003	-0.0001	-0.0118	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0151	-0.0695	-0.1114	0.0574	0.0059	-0.0011	-0.1338	0.4164	7.70	64.40%	11.96	-0.0171	-0.0802	-0.1367	0.0732	0.0087	-0.0015	-0.1536	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0108	-0.0445	-0.1026	0.0866	0.0053	-0.0073	-0.0733	0.7147	[redacted]			-0.0163	-0.0634	-0.1258	0.1084	0.0073	-0.0086	-0.0984	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0955	-0.0666	-0.1223	0.2405	0.0064	-0.0020	-0.0395	0.0127	8.92	74.57%	11.96	-0.1257	-0.0847	-0.1495	0.2944	0.0095	-0.0025	-0.0585	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0382	-0.0222	-0.0644	0.1675	0.0097	-0.0005	0.0519	0.0081	9.96	83.31%	11.96	-0.0520	-0.0305	-0.0773	0.2006	0.0153	-0.0006	0.0555	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0061	-0.0670	-0.1511	0.2240	0.0052	-0.0064	-0.0014	0.0000	9.63	59.53%	16.18	-0.0075	-0.0852	-0.1847	0.2734	0.0081	-0.0079	-0.0038	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0118	-0.0930	-0.0766	0.0400	0.0011	-0.0009	-0.1412	1.9558	[redacted]			-0.0143	-0.1154	-0.0904	0.0517	0.0013	-0.0012	-0.1683	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0549	-0.0205	-0.0484	0.1299	0.0078	-0.0018	0.0121	0.9174	8.34	59.06%	14.12	-0.0709	-0.0269	-0.0597	0.1554	0.0112	-0.0023	0.0068	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0232	-0.0534	-0.0850	0.0822	0.0075	-0.0008	-0.0727	0.0000	9.55	79.90%	11.96	-0.0299	-0.0679	-0.1039	0.1018	0.0102	-0.0008	-0.0905	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0270	-0.0172	-0.0341	0.1227	0.0165	-0.0008	0.0601	0.0000	10.93	91.39%	11.96	-0.0364	-0.0222	-0.0410	0.1478	0.0259	-0.0010	0.0731	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1830	-0.1085	-0.2109	0.2773	0.0303	-0.0070	-0.2018	0.5033	[redacted]			-0.2283	-0.1440	-0.2572	0.3357	0.0413	-0.0094	-0.2619	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	0.0000	0.0000	-0.0081	0.0405	0.0074	-0.0008	0.0390	0.0000	1.58	56.48%	2.80	0.0000	0.0000	-0.0099	0.0498	0.0101	-0.0010	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0239	-0.0133	-0.0544	0.0561	0.0083	-0.0017	-0.0289	0.0000	7.89	65.95%	11.96	-0.0264	-0.0151	-0.0664	0.0684	0.0124	-0.0024	-0.0295	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0504	-0.1334	-0.0988	0.0612	0.0054	0.0040	-0.2120	0.3728	[redacted]			-0.0621	-0.1701	-0.1196	0.0743	0.0072	0.0043	-0.2660	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0400	-0.0400	-0.0689	0.0379	0.0056	-0.0010	-0.1064	0.0135	9.02	75.44%	11.96	-0.0483	-0.0508	-0.0842	0.0479	0.0084	-0.0012	-0.1282	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0173	0.0000	-0.0089	0.0321	0.0056	0.0000	0.0115	0.0023	2.86	97.60%	2.93	-0.0227	0.0000	-0.0110	0.0392	0.0080	0.0000	0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0006	-0.0004	-0.0640	0.0417	0.0102	-0.0063	-0.0194	0.0173	[redacted]			-0.0006	-0.0004	-0.0771	0.0508	0.0153	-0.0075	-0.0195	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0185	-0.0838	-0.0922	0.0492	0.0016	0.0005	-0.1432	0.0091	[redacted]			-0.0224	-0.1067	-0.1103	0.0613	0.0017	0.0006	-0.1758	1.17	1.15	1.11	1.04	1.02	[redacted]				
11.96	-0.0849	-0.0890	-0.0992	0.0629	0.0054	-0.0026	-0.2074	0.0000	7.63	63.79%	11.96	-0.1049	-0.1131	-0.1213	0.0778	0.0081	-0.0034	-0.2568	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0738	-0.1369	-0.1518	0.0614	0.0036	-0.0009	-0.2984	5.1182	11.14	93.19%	11.96	-0.0892	-0.1744	-0.1849	0.0815	0.0053	-0.0012	-0.3629	0.00	0.28	0.35	0.48	1.09	0.00%	2.53%	3.17%	4.33%	9.73%
[redacted]	-0.0143	-0.0565	-0.1342	0.1736	0.0039	-0.0001	-0.0276	0.9647	[redacted]			-0.0179	-0.0731	-0.1680	0.2102	0.0058	-0.0001	-0.0431	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0400	-0.0740	-0.1014	0.0568	0.0066	-0.0033	-0.1553	0.0000	10.55	88.23%	11.96	-0.0516	-0.0956	-0.1240	0.0697	0.0107	-0.0040	-0.1948	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	-0.0070	-0.0093	-0.0171	0.0699	0.0065	-0.0010	0.0420	0.0000	2.36	87.27%	2.71	-0.0085	-0.0115	-0.0214	0.0850	0.0086	-0.0013	0.0509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0016	-0.0004	-0.0008	0.0025	0.0039	0.0000	0.0036	0.0001	[redacted]			-0.0020	-0.0005	-0.0010	0.0030	0.0056	0.0000	0.0051	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0421	-0.0381	-0.0804	0.0554	0.0090	-0.0018	-0.0980	0.0052	8.69	72.70%	11.96	-0.0590	-0.0510	-0.0980	0.0667	0.0123	-0.0021	-0.1311	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1432	-0.0181	-0.0665	0.1584	0.0094	-0.0012	-0.0612	0.0127	7.26	60.75%	11.96	-0.1732	-0.0224	-0.0806	0.1930	0.0145	-0.0015	-0.0702	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.65	0.0000	0.0000	-0.0067	0.0935	0.0079	-0.0012	0.0935	0.0000	0.63	38.23%	1.65	0.0000	0.0000	-0.0076	0.1181	0.0094	0.0001	0.1200	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0354	-0.0410	-0.0372	0.0268	0.0041	-0.0023	-0.0850	4.0433	9.47	79.17%	11.96	-0.0439	-0.0522	-0.0451	0.0336	0.0059	-0.0033	-0.1050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1661	-0.0544	-0.0876	0.2735	0.0175	0.0001	-0.0170	0.1163	9.88	82.65%	11.96	-0.2131	-0.0691	-0.1064	0.3387	0.0279	0.0002	-0.0218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
12.94	-0.0622	-0.0402	-0.1189	0.4623	0.0266	-0.0047	0.2629	0.4384	10.19	78.73%	12.94	-0.0793	-0.0528	-0.1452	0.5587	0.0390	-0.0050	0.3154	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0325	-0.0975	-0.1219	0.0798	0.0066	-0.0100	-0.1755	0.0151	10.00	83.60%	11.96	-0.0425	-0.1240	-0.1473	0.0974	0.0095	-0.0124	-0.2193	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0449	-0.0201	-0.0416	0.1305	0.0083	-0.0007	0.0315	0.0007	[redacted]			-0.0569	-0.0260	-0.0490	0.1577	0.0135	-0.0008	0.0385	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0591	-0.0285	-0.0520	0.2466	0.0063	-0.0008	0.1125	0.0046	8.85	73.99%	11.96	-0.0752	-0.0359	-0.0625	0.3220	0.0093	-0.0010	0.1567	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
19.16	-0.2699	0.0000	-0.1679	0.2115	0.0284	-0.0057	-0.2036	0.0095	13.37	69.76%	19.16	-0.3430	0.0000	-0.2065	0.2604	0.0432	-0.0069	-0.2528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.24	-0.0024	-0.0016	-0.0100	0.0363	0.0045	-0.0016	0.0252	0.0000	2.09	93.16%	2.24	-0.0032	-0.0020	-0.0121	0.0435	0.0068	-0.0021	0.0309	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0376	-0.0217	-0.0544	0.0628	0.0076	-0.0047	-0.0480	1.3837	7.72	73.99%	10.43	-0.0487	-0.0275	-0.0678	0.0769	0.0114	-0.0059	-0.0616	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0362	-0.0587	-0.0755	0.1357	0.0068	-0.0072	-0.0351	0.0016	6.14	51.32%	11.96	-0.0449	-0.0746	-0.0925	0.1663	0.0104	-0.0090	-0.0443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0324	0.0000	-0.0104	0.0523	0.0055	0.0000	0.0150	0.0075	2.72	92.99%	2.93	-0.0432	0.0000	-0.0128	0.0644	0.0081	0.0000	0.0165	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0408	-0.0132	-0.0253	0.0605	0.0044	-0.0005	-0.0149	0.0122	[redacted]			-0.0509	-0.0168	-0.0308	0.0773	0.0067	-0.0006	-0.0151	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0263	-0.0026	-0.0081	0.0787	0.0046	0.0000	0.0463	0.0000	2.08	87.01%	2.39	-0.0343	-0.0033	-0.0096	0.0982	0.0078	0.0000	0.0588	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0034	0.0017	0.0026	-0.0007	0.0002	0.0027	[redacted]			0.0000	0.0000	-0.0041	0.0024	0.0035	-0.0008	0.0010	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.2552	-0.0060	-0.0592	0.0423	0.0092	-0.0017	-0.2706	0.9449	[redacted]			-0.3125	-0.0078	-0.0731	0.0539	0.0149	-0.0021	-0.3267	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0527	-0.0334	-0.0708	0.2781	0.0051	0.0002	0.1265	3.3756	13.26	81.99%	16.18	-0.0669	-0.0422	-0.0878	0.3483	0.0077	-0.0001	0.1590	0.30	1.20	1.30	1.30	1.30	2.52%	10.08%	10.92%	10.92%	10.92%
[redacted]	-0.0017	-0.0349	-0.0497	0.0025	0.0012	-0.0006	-0.0832	0.0740	[redacted]			-0.0021	-0.0445	-0.0604	0.0032	0.0013	-0.0007	-0.1032	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0031	-0.0691	-0.0981	0.1954	0.0025	0.0000	0.0276	0.0031	[redacted]			-0.0038	-0.0880	-0.1178	0.2545	0.0025	0.0000	0.0474	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0023	-0.0200	-0.0215	0.0326	0.0003	0.0000	-0.0109	0.0002	1.86	15.56%	11.96	-0.0028	-0.0254	-0.0262	0.0412	0.0003	0.0000	-0.0129	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0483	-0.0275	-0.0737	0.1326	0.0057	-0.0019	-0.0131	0.0064	11.36	70.23%	16.18	-0.0622	-0.0350	-0.0902	0.1620	0.0092	-0.0024	-0.0186	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1387	-0.0197	-0.0552	0.2506	0.0093	-0.0006	0.0457	0.0198	10.31	86.22%	11.96	-0.1779	-0.0250	-0.0671	0.3062	0.0141	-0.0007	0.0496	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0391	-0.0994	-0.1150	0.0394	0.0029	-0.0064	-0.2176	0.0000	[redacted]			-0.0452	-0.1190	-0.1409	0.0485	0.0047	-0.0082	-0.2601	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0356	-0.0380	-0.1079	0.2910	0.0074	-0.0033	0.1136	0.7107	10.12	62.54%	16.18	-0.0463	-0.0483	-0.1320	0.3504	0.0106	-0.0041	0.1303	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1136	-0.0173	-0.0544	0.1278	0.0107	-0.0004	-0.0472	0.0000	10.87	90.88%	11.96	-0.1402	-0.0220	-0.0665	0.1565	0.0164	-0.0005	-0.0563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0006	-0.0051	-0.0140	0.0301	0.0042	-0.0009	0.0137	0.0002	1.91	65.06%	2.93	-0.0006	-0.0052	-0.0169	0.0365	0.0062	-0.0011	0.0189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0380	-0.0077	-0.0356	0.0447	0.0075	-0.0003	-0.0294	0.0057	8.88	74.26%	11.96	-0.0444	-0.0090	-0.0438	0.0562	0.0121	-0.0004	-0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1075	-0.0186	-0.0551	0.0538	0.0089	-0.0004	-0.1189	0.0036	8.73	73.04%	11.96	-0.1312	-0.0236	-0.0678	0.0661	0.0129	-0.0005	-0.1441	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1011	-0.0174	-0.0607	0.1504	0.0086	-0.0007	-0.0209	0.0001	[redacted]			-0.1232	-0.0222	-0.0748	0.1808	0.0133	-0.0009	-0.0270	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0158	-0.0055	-0.0605	0.2388	0.0114	-0.0032	0.1652	0.4724	10.90	91.17%	11.96	-0.0231	-0.0084	-0.0748	0.2839	0.0170	-0.0033	0.1913	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0266	-0.1055	-0.0780	0.0425	0.0007	-0.0050	-0.1719	0.0000	5.31	44.41%	11.96	-0.0321	-0.1341	-0.0949	0.0528	0.0009	-0.0060	-0.2134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0147	-0.0001	-0.0101	0.0992	0.0059	-0.0012	0.0790	0.0120	2.63	89.84%	2.93	-0.0174	-0.0001	-0.0126	0.1199	0.0093	-0.0020	0.0971	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0689	-0.0423	-0.0932	0.0647	0.0092	-0.0013	-0.1318	0.0036	11.50	96.20%	11.96	-0.0853	-0.0517	-0.1150	0.0807	0.0144	-0.0018	-0.1587	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0331	-0.0235	-0.0628	0.0546	0.0077	-0.0034	-0.0605	0.0032	8.79	73.48%	11.96	-0.0420	-0.0299	-0.0774	0.0662	0.0120	-0.0042	-0.0753	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0148	-0.0015	-0.0086	0.0251	0.0037	0.0000	0.0039	0.0015	2.13	89.42%	2.39	-0.0201	-0.0019	-0.0107	0.0306	0.0060	0.0000	0.0039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0081	-0.0580	-0.0982	0.1110	0.0043	-0.0070	-0.0560	0.0103	10.85	67.06%	16.18	-0.0087	-0.0629	-0.1201	0.1383	0.0063	-0.0102	-0.0573	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0664	-0.0478	-0.0875	0.1950	0.0060	-0.0018	-0.0025	0.0285	[redacted]			-0.0843	-0.0608	-0.1064	0.2379	0.0089	-0.0022	-0.0069	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0331	-0.1073	-0.1552	0.1402	0.0055	-0.0020	-0.1519	1.7277	9.34	78.10%	11.96	-0.0439	-0.1396	-0.1841	0.1758	0.0081	-0.0024	-0.1861	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0257	-0.0916	-0.1443	0.1184	0.0063	-0.0030	-0.1399	1.1017	12.05	85.34%	14.12	-0.0328	-0.1185	-0.1752	0.1451	0.0098	-0.0029	-0.1745	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0223	-0.0913	-0.0729	0.0149	0.0032	-0.0010	-0.1694	0.0084	6.42	53.70%	11.96	-0.0270	-0.1160	-0.0893	0.0187	0.0049	-0.0013	-0.2100	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0080	-0.0038	-0.0181	0.0487	0.0050	-0.0008	0.0230	0.0027	2.68	91.62%	2.93	-0.0106	-0.0048	-0.0222	0.0586	0.0071	-0.0010	0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0057	-0.0007	-0.0141	0.4950	0.0162	0.0015	0.4922	0.0000	1.74	11.54%	15.06	-0.0057	-0.0007	-0.0166	0.6207	0.0211	0.0020	0.6208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0285	-0.0593	-0.0879	0.0718	0.0069	-0.0040	-0.1010	0.0000	11.12	93.00%	11.96	-0.0374	-0.0758	-0.1074	0.0873	0.0096	-0.0048	-0.1285	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	-0.0109	-0.0012	-0.0108	0.0533	0.0075	-0.0003	0.0376	0.0015	1.54	77.54%	1.98	-0.0142	-0.0016	-0.0135	0.0642	0.0098	-0.0004	0.0443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.28	-0.0361	-0.0070	-0.0301	0.1433	0.0036	-0.0016	0.0721	0.0056	4.75	65.27%	7.28	-0.0424	-0.0085	-0.0365	0.1778	0.0055	-0.0019	0.0940	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0397	-0.0462	-0.0803	0.1335	0.0045	-0.0013	-0.0295	0.0000	[redacted]			-0.0508	-0.0588	-0.0981	0.1655	0.0066	-0.0016	-0.0372	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0059	-0.0377	-0.1029	0.2359	0.0054	-0.0009	0.0939	0.0000	[redacted]			-0.0067	-0.0436	-0.1237	0.3083	0.0076	-0.0011	0.1408	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0594	-0.0027	-0.0277	0.0640	0.0045	0.0000	-0.0213	0.0000	7.10	59.40%	11.96	-0.0753	-0.0034	-0.0340	0.0796	0.0068	0.0000	-0.0263	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0578	-0.0120	-0.0422	0.2291	0.0078	-0.0005	0.1244	0.0000	9.52	79.60%	11.96	-0.0668	-0.0142	-0.0517	0.2864	0.0120	-0.0007	0.1650	0.00	0.00	0.00	0.00	0.43	0.00%	0.00%	0.00%	0.00%	4.76%
[redacted]	-0.0064	-0.0190	-0.0587	0.0344	0.0033	-0.0010	-0.0474	0.0383	[redacted]			-0.0071	-0.0212	-0.0717	0.0419	0.0050	-0.0014	-0.0545	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0470	-0.0896	-0.1145	0.0991	0.0101	0.0003	-0.1416	0.6668	8.92	55.11%	16.18	-0.0581	-0.1146	-0.1424	0.1230	0.0139	0.0004	-0.1778	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0542	-0.0447	-0.0871	0.1472	0.0072	-0.0008	-0.0324	0.2879	10.05	84.03%	11.96	-0.0675	-0.0569	-0.1060	0.1796	0.0105	-0.0010	-0.0413	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0308	-0.0163	-0.0605	0.2149	0.0052	-0.0004	0.1121	0.0027	12.91	79.82%	16.18	-0.0392	-0.0207	-0.0739	0.2648	0.0079	-0.0005	0.1384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0504	-0.1327	-0.1140	0.0597	0.0071	0.0006	-0.2297	0.2775	8.85	74.01%	11.96	-0.0619	-0.1690	-0.1381	0.0747	0.0106	0.0008	-0.2829	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0432	-0.0465	-0.0820	0.2066	0.0050	-0.0007	0.0392	0.0000	7.78	65.03%	11.96	-0.0544	-0.0592	-0.0998	0.2537	0.0075	-0.0008	0.0470	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0051	-0.0814	-0.1007	0.1778	0.0038	-0.0002	-0.0058	0.0058	[redacted]			-0.0063	-0.1037	-0.1207	0.2341	0.0048	-0.0003	0.0079	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.29	-0.0439	-0.1126	-0.1420	0.2486	0.0101	0.0003	-0.0395	0.9687	13.43	87.83%	15.29	-0.0553	-0.1431	-0.1793	0.3127	0.0141	0.0004	-0.0505	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0283	-0.0040	-0.0400	0.1633	0.0098	-0.0015	0.0993	0.0000	8.70	82.38%	10.57	-0.0323	-0.0046	-0.0481	0.1975	0.0151	-0.0025	0.1251	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0162	-0.0030	-0.0271	0.1430	0.0070	-0.0005	0.1032	0.0000	7.37	61.66%	11.96	-0.0177	-0.0033	-0.0331	0.1744	0.0108	-0.0011	0.1300	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0452	-0.0712	-0.1154	0.0719	0.0050	-0.0004	-0.1553	1.1129	[redacted]			-0.0600	-0.0949	-0.1347	0.0864	0.0093	-0.0002	-0.1941	0.00	0.74	0.87	0.93	0.91	[redacted]				
11.96	-0.0009	-0.0018	-0.0055	0.0057	0.0019	-0.0010	-0.0016	0.0000	1.65	13.78%	11.96	-0.0011	-0.0023	-0.0068	0.0068	0.0028	-0.0013	-0.0019	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0221	-0.0639	-0.1444	0.0990	0.0085	-0.0073	-0.1302	0.2846	12.87	79.56%	16.18	-0.0292	-0.0812	-0.1759	0.1194	0.0121	-0.0091	-0.1639	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0151	-0.1330	-0.2095	0.1162	0.0038	-0.0036	-0.2412	0.0024	11.31	94.58%	11.96	-0.0168	-0.1508	-0.2507	0.1669	0.0054	-0.0043	-0.2503	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0006	-0.0012	-0.0083	0.0125	0.0043	-0.0014	0.0053	0.0096	[redacted]			-0.0006	-0.0012	-0.0098	0.0149	0.0062	-0.0016	0.0079	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0574	-0.0269	-0.0870	0.0280	0.0060	-0.0008	-0.1381	0.0022	[redacted]			-0.0746	-0.0349	-0.1061	0.0338	0.0090	-0.0010	-0.1738	1.38	1.32	1.26	1.20	1.14	[redacted]				
16.18	-0.0433	-0.0043	-0.0550	0.2992	0.0095	-0.0008	0.2053	0.0000	13.22	81.73%	16.18	-0.0536	-0.0055	-0.0677	0.3612	0.0151	-0.0009	0.2486	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0008	0.0108	0.0000	0.0116	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0010	0.0139	0.0000	0.0149	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0365	-0.0399	-0.1153	0.2753	0.0118	-0.0009	0.0945	0.0000	[redacted]			-0.0455	-0.0508	-0.1382	0.3360	0.0186	-0.0012	0.1189	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0364	-0.0802	-0.0977	0.0205	0.0059	-0.0021	-0.1900	1.1920	9.28	77.61%	11.96	-0.0454	-0.1020	-0.1188	0.0253	0.0086	-0.0026	-0.2349	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0568	-0.0647	0.0227	0.0012	-0.0001	-0.1001	0.0096	[redacted]			-0.0029	-0.0724	-0.0778	0.0287	0.0013	-0.0001	-0.1232	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0051	-0.0592	-0.0682	0.0235	0.0074	-0.0006	-0.1022	0.0917	7.06	59.05%	11.96	-0.0051	-0.0592	-0.0815	0.0287	0.0116	-0.0021	-0.1076	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0022	-0.0187	-0.0219	0.0304	0.0026	-0.0004	-0.0102	0.0000	1.40	47.86%	2.93	-0.0028	-0.0242	-0.0267	0.0373	0.0040	-0.0003	-0.0127	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0381	-0.0283	-0.0905	0.1147	0.0099	-0.0009	-0.0332	0.0052	10.89	91.09%	11.96	-0.0516	-0.0386	-0.1100	0.1398	0.0143	-0.0010	-0.0471	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1289	-0.0178	-0.0536	0.0584	0.0105	-0.0008	-0.1322	0.0103	10.47	87.60%	11.96	-0.1571	-0.0226	-0.0657	0.0721	0.0161	-0.0010	-0.1582	0.33	0.22	0.22	0.22	0.22	3.22%	2.13%	2.14%	2.14%	2.14%
22.99	-0.0317	0.0000	-0.0296	0.0290	0.0336	0.0046	0.0059	0.3955	16.97	73.82%	22.99	-0.0403	0.0000	-0.0370	0.0364	0.0404	0.0052	0.0047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0110	-0.0954	-0.0880	0.0566	0.0014	0.0025	-0.1339	0.0041	9.69	81.06%	11.96	-0.0131	-0.1167	-0.1040	0.0722	0.0015	0.0038	-0.1563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0426	-0.0189	-0.0218	0.0371	0.0110	0.0056	-0.0296	0.1264	[redacted]			-0.0527	-0.0241	-0.0265	0.0479	0.0144	0.0065	-0.0345	0.00	0.00	0.00	0.00	0.00	[redacted]				
32.93	-0.0467	-0.0005	-0.0415	0.1404	0.0962	0.0001	0.1480	0.0137	5.55	16.85%	32.93	-0.0498	-0.0005	-0.0503	0.1928	0.0956	0.0001	0.1879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0323	-0.0046	-0.0211	0.0788	0.0040	-0.0007	0.0241	0.0000	6.06	58.09%	10.43	-0.0407	-0.0057	-0.0254	0.0960	0.0058	-0.0009	0.0291	0.85	0.85	0.85	0.85	0.85	85.00%	85.00%	85.00%	85.00%	85.00%
[redacted]	0.0000	0.0000	-0.0050	0.0156	0.0009	0.0004	0.0119	0.0014	[redacted]			0.0000	0.0000	-0.0061	0.0202	0.0009	0.0005	0.0155	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0878	-0.0100	-0.0515	0.0408	0.0067	-0.0136	-0.1154	0.0174	6.22	74.47%	8.35	-0.0893	-0.0102	-0.0621	0.0497	0.0099	-0.0196	-0.1216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0135	-0.0004	-0.0060	0.0086	0.0037	-0.0029	-0.0105	0.0657	1.83	26.24%	6.96	-0.0168	-0.0005	-0.0073	0.0103	0.0052	-0.0037	-0.0128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0218	-0.1188	-0.1218	0.0611	0.0011	-0.0002	-0.2004	1.7900	7.18	60.01%	11.96	-0.0270	-0.1515	-0.1460	0.0771	0.0013	-0.0002	-0.2463	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0110	-0.0843	-0.1097	0.0273	0.0019	-0.0001	-0.1759	0.0014	6.63	55.43%	11.96	-0.0135	-0.1067	-0.1332	0.0340	0.0019	0.0000	-0.2175	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1117	-0.0075	-0.0446	0.1258	0.0095	0.0000	-0.0285	0.0000	[redacted]			-0.1354	-0.0092	-0.0542	0.1544	0.0146	0.0000	-0.0298	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0766	-0.0056	-0.0481	0.0926	0.0061	-0.0002	-0.0318	0.0158	11.06	92.53%	11.96	-0.0993	-0.0072	-0.0591	0.1118	0.0093	-0.0002	-0.0447	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0023	-0.0034	-0.0051	0.0113	0.0021	0.0000	0.0026	0.0116	[redacted]			-0.0028	-0.0043	-0.0062	0.0156	0.0021	0.0000	0.0044	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	0.0000	0.0000	-0.0159	0.0070	0.0206	-0.0012	0.0105	0.0737	6.76	56.55%	11.96	0.0000	0.0000	-0.0197	0.0085	0.0262	-0.0015	0.0135	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Slate	GNA_2023_167	2.0984	8.46	70.78%	11.96	-0.0059	-0.0189	-0.0230	0.0129	0.0001	0.0001	-0.0347	4.0209	7.49	62.67%	11.96	-0.0118	-0.0351	-0.0404	0.0278	0.0004	0.0000	-0.0591	5.1759	8.73	73.03%	11.96	-0.0182	-0.0531	-0.0576	0.0447	0.0008	-0.0004	-0.0838	6.4456	10.10	84.44%
Slice		0.0002	9.42	78.79%	11.96	-0.0099	-0.0077	-0.0205	0.0421	0.0011	-0.0003	0.0048	0.0019	9.42	78.76%	11.96	-0.0225	-0.0178	-0.0395	0.0774	0.0026	-0.0006	-0.0004	0.0025	9.41	78.71%	11.96	-0.0359	-0.0286	-0.0572	0.1119	0.0046	-0.0009	-0.0061	0.0031	9.40	78.66%
Sling		0.0004	10.03	83.88%	11.96	-0.0312	-0.0072	-0.0163	0.0597	0.0011	-0.0004	0.0057	0.0035	10.05	84.06%	11.96	-0.0568	-0.0136	-0.0325	0.1230	0.0028	-0.0008	0.0221	0.0047	10.07	84.19%	11.96	-0.0852	-0.0204	-0.0487	0.1846	0.0054	-0.0011	0.0346	0.0063	10.08	84.27%
Sloan		0.0000	1.11	39.57%	2.80	-0.0005	-0.0004	-0.0028	0.0062	0.0006	-0.0004	0.0027	0.0000	1.11	39.70%	2.80	-0.0010	-0.0007	-0.0055	0.0126	0.0015	-0.0008	0.0061	0.0000	1.12	39.85%	2.80	-0.0011	-0.0008	-0.0080	0.0183	0.0028	-0.0011	0.0101	0.0000	1.12	39.96%
Slope		0.0000	6.12	58.65%	10.43	-0.0007	-0.0017	-0.0059	0.0018	0.0049	0.0005	-0.0011	0.0000	6.12	58.66%	10.43	-0.0014	-0.0032	-0.0112	0.0038	0.0105	0.0006	-0.0009	0.0000	6.12	58.66%	10.43	-0.0021	-0.0048	-0.0165	0.0059	0.0160	0.0007	-0.0008	0.0000	6.12	58.67%
Slover		0.0230	[redacted]			-0.0068	-0.0275	-0.0439	0.0054	0.0007	-0.0004	-0.0725	0.5808	[redacted]			-0.0129	-0.0503	-0.0820	0.0111	0.0018	-0.0008	-0.1331	1.0708	[redacted]			-0.0189	-0.0749	-0.1195	0.0166	0.0034	-0.0011	-0.1944	1.8580	[redacted]	
Sluice		0.0004	9.27	79.00%	11.74	-0.0233	-0.0113	-0.0258	0.0085	0.0011	-0.0003	-0.0511	1.0279	10.35	88.20%	11.74	-0.0418	-0.0211	-0.0453	0.0189	0.0023	-0.0008	-0.0878	1.0303	10.32	87.87%	11.74	-0.0627	-0.0316	-0.0647	0.0306	0.0044	-0.0013	-0.1253	1.0360	10.28	87.57%
Smeltzer		0.0000	9.31	88.13%	10.57	-0.0270	-0.0210	-0.0254	0.0600	0.0025	-0.0005	-0.0114	0.0003	9.27	87.70%	10.57	-0.0571	-0.0461	-0.0502	0.1143	0.0060	-0.0006	-0.0337	0.0007	9.24	87.46%	10.57	-0.0909	-0.0729	-0.0766	0.1738	0.0094	-0.0006	-0.0578	0.0013	9.25	87.52%
Smirnoff		0.0000	[redacted]			-0.0028	-0.0281	-0.0377	0.0039	0.0001	-0.0011	-0.0657	0.0000	[redacted]			-0.0055	-0.0518	-0.0676	0.0089	0.0004	-0.0021	-0.1177	0.0000	[redacted]			-0.0081	-0.0773	-0.0964	0.0148	0.0007	-0.0032	-0.1695	0.0000	[redacted]	
Smith		0.2529	[redacted]			-0.0010	-0.0433	-0.0559	0.0018	0.0004	-0.0001	-0.0981	0.3306	[redacted]			-0.0021	-0.0805	-0.0990	0.0055	0.0009	-0.0002	-0.1754	0.3577	[redacted]			-0.0032	-0.1204	-0.1407	0.0110	0.0014	-0.0003	-0.2522	0.4143	[redacted]	
Smithwood		0.0000	1.21	61.25%	1.98	0.0000	-0.0001	-0.0025	0.0115	0.0005	-0.0001	0.0093	0.0000	1.23	61.82%	1.98	0.0000	-0.0002	-0.0049	0.0234	0.0014	-0.0003	0.0194	0.0000	1.24	62.36%	1.98	0.0000	-0.0003	-0.0072	0.0348	0.0024	-0.0005	0.0292	0.0000	1.25	62.86%
Smoke Tree		0.0000	1.69	24.36%	6.96	-0.0007	-0.0004	-0.0032	0.0022	0.0047	-0.0001	0.0025	0.0000	2.61	37.51%	6.96	-0.0014	-0.0007	-0.0057	0.0046	0.0103	-0.0002	0.0069	0.0000	2.61	37.49%	6.96	-0.0029	-0.0015	-0.0102	0.0091	0.0118	-0.0007	0.0056	0.0000	2.61	37.45%
Snapdragon		0.0002	[redacted]			-0.0027	-0.0107	-0.0124	0.0114	0.0012	0.0002	-0.0130	0.0027	[redacted]			-0.0054	-0.0195	-0.0228	0.0241	0.0028	0.0008	-0.0200	0.0033	[redacted]			-0.0091	-0.0318	-0.0336	0.0384	0.0037	0.0012	-0.0312	0.0039	[redacted]	
Snead		0.0001	9.45	80.97%	11.67	-0.0259	-0.0315	-0.0389	0.0954	0.0013	-0.0004	0.0000	0.0016	9.48	81.19%	11.67	-0.0497	-0.0597	-0.0702	0.1986	0.0034	-0.0006	0.0218	0.0019	9.53	81.66%	11.67	-0.0691	-0.0818	-0.1013	0.3200	0.0064	-0.0011	0.0731	0.0023	9.23	79.05%
Sneva		0.0003	[redacted]			-0.0041	-0.0384	-0.0427	0.0131	0.0004	-0.0012	-0.0729	0.0050	[redacted]			-0.0081	-0.0712	-0.0800	0.0272	0.0011	-0.0022	-0.1332	0.0072	[redacted]			-0.0119	-0.1064	-0.1170	0.0412	0.0020	-0.0031	-0.1952	0.0124	[redacted]	
Snipes		0.0001	[redacted]			-0.0424	-0.0018	-0.0079	0.0223	0.0021	0.0000	-0.0277	0.0014	[redacted]			-0.0747	-0.0033	-0.0174	0.0459	0.0043	0.0000	-0.0452	0.0029	[redacted]			-0.1086	-0.0049	-0.0269	0.0688	0.0072	0.0000	-0.0644	0.0057	[redacted]	
Sno Cat		0.0000	[redacted]			-0.0005	-0.0001	0.0000	0.0001	0.0000	0.0001	-0.0004	0.0000	[redacted]			-0.0010	-0.0001	0.0000	0.0002	0.0000	0.0001	-0.0008	0.0000	[redacted]			-0.0015	-0.0001	0.0000	0.0003	0.0000	0.0001	-0.0012	0.0000	[redacted]	
Snow Valley		0.0219	2.76	52.98%	5.22	0.0000	0.0000	-0.0045	0.0115	0.0077	-0.0022	0.0125	0.0262	2.79	53.40%	5.22	0.0000	0.0000	-0.0087	0.0237	0.0166	-0.0035	0.0281	0.0268	2.80	53.76%	5.22	0.0000	0.0000	-0.0127	0.0359	0.0263	-0.0048	0.0447	0.0268	2.82	54.11%
Snowcreek		0.0051	[redacted]			0.0000	0.0000	-0.0001	0.0001	0.0004	-0.0002	0.0002	0.0066	[redacted]			0.0000	0.0000	-0.0002	0.0002	0.0009	-0.0004	0.0005	0.0071	[redacted]			0.0000	0.0000	-0.0003	0.0003	0.0016	-0.0006	0.0010	0.0078	[redacted]	
Snowdrift		0.0004	3.61	34.64%	10.43	-0.0006	-0.0006	-0.0020	0.0015	0.0043	0.0004	0.0030	0.0004	3.62	34.68%	10.43	-0.0012	-0.0012	-0.0040	0.0032	0.0092	0.0005	0.0065	0.0004	3.62	34.71%	10.43	-0.0018	-0.0018	-0.0061	0.0050	0.0139	0.0006	0.0098	0.0004	3.63	34.74%
Snyder		0.0004	9.62	80.48%	11.96	-0.0297	-0.0032	-0.0140	0.0187	0.0017	-0.0003	-0.0268	0.0061	9.61	80.36%	11.96	-0.0535	-0.0060	-0.0290	0.0382	0.0044	-0.0006	-0.0465	0.0070	9.59	80.17%	11.96	-0.0789	-0.0090	-0.0441	0.0566	0.0088	-0.0009	-0.0675	0.0098	9.57	80.00%
Soboba		0.0002	[redacted]			-0.0188	-0.0042	-0.0117	0.0075	0.0006	-0.0002	-0.0268	0.0030	[redacted]			-0.0344	-0.0077	-0.0226	0.0154	0.0017	-0.0004	-0.0480	0.0043	[redacted]			-0.0498	-0.0115	-0.0334	0.0231	0.0031	-0.0005	-0.0690	0.0074	[redacted]	
Socrates		0.0000	9.26	77.45%	11.96	-0.0088	-0.0068	-0.0157	0.0458	0.0009	-0.0005	0.0149	1.0220	10.40	87.01%	11.96	-0.0163	-0.0129	-0.0313	0.0948	0.0023	-0.0009	0.0357	1.0220	10.42	87.19%	11.96	-0.0241	-0.0194	-0.0469	0.1426	0.0044	-0.0013	0.0553	1.0220	10.44	87.36%
Soda Springs	GNA_2023_39	0.0000	[redacted]			-0.0084	-0.0025	-0.0134	0.0162	0.0006	-0.0061	-0.0136	0.0000	[redacted]			-0.0164	-0.0046	-0.0271	0.0332	0.0020	-0.0091	-0.0220	0.0000	[redacted]			-0.0244	-0.0069	-0.0413	0.0493	0.0037	-0.0120	-0.0316	0.0000	[redacted]	
Soggy		0.0003	6.96	58.24%	11.96	-0.0249	-0.0028	-0.0084	0.0136	0.0011	-0.0002	-0.0216	0.0044	6.95	58.13%	11.96	-0.0464	-0.0052	-0.0178	0.0293	0.0027	-0.0003	-0.0377	0.0064	6.94	58.01%	11.96	-0.0688	-0.0078	-0.0274	0.0458	0.0054	-0.0004	-0.0532	0.0107	6.92	57.91%
Soho		0.0003	[redacted]			-0.0102	-0.0160	-0.0302	0.0269	0.0006	-0.0001	-0.0290	0.0003	[redacted]			-0.0192	-0.0298	-0.0535	0.0554	0.0015	-0.0002	-0.0458	0.0003	[redacted]			-0.0287	-0.0445	-0.0750	0.0831	0.0030	-0.0003	-0.0624	0.0003	[redacted]	
Soldier		0.4764	10.05	84.09%	11.96	-0.0165	-0.0249	-0.0352	0.0082	0.0007	-0.0004	-0.0681	1.0194	10.59	88.57%	11.96	-0.0307	-0.0463	-0.0631	0.0168	0.0017	-0.0007	-0.1223	1.0223	10.53	88.10%	11.96	-0.0445	-0.0693	-0.0901	0.0252	0.0031	-0.0010	-0.1766	1.0393	10.51	87.88%
Soledad	GNA_2023_265	2.3526	17.93	110.81%	16.18	-0.0041	-0.0171	-0.0417	0.0277	0.0020	-0.0016	-0.0348	2.3735	17.93	110.81%	16.18	-0.0079	-0.0319	-0.0755	0.0571	0.0050	-0.0030	-0.0562	2.3824	16.38	101.27%	16.18	-0.0121	-0.0479	-0.1085	0.0854	0.0094	-0.0044	-0.0781	2.3890	16.36	101.15%
Sombrero		0.0000	[redacted]			-0.0107	-0.0238	-0.0390	0.0090	0.0006	-0.0001	-0.0640	0.0000	[redacted]			-0.0209	-0.0435	-0.0728	0.0205	0.0016	-0.0002	-0.1153	0.0000	[redacted]			-0.0307	-0.0647	-0.1059	0.0339	0.0031	-0.0003	-0.1646	0.0000	[redacted]	
Sonics		0.0000	8.68	72.57%	11.96	-0.0277	-0.0117	-0.0350	0.0856	0.0026	-0.0015	0.0123	0.0000	8.71	72.84%	11.96	-0.0514	-0.0223	-0.0623	0.1751	0.0058	-0.0028	0.0421	0.0000	8.73	73.04%	11.96	-0.0782	-0.0336	-0.0902	0.2605	0.0109	-0.0042	0.0652	0.0000	8.75	73.19%
Sonoma		1.0224	9.30	77.80%	11.96	-0.0493	-0.0031	-0.0087	0.0155	0.0024	0.0000	-0.0432	2.1957	10.57	88.39%	11.96	-0.0786	-0.0049	-0.0196	0.0361	0.0050	-0.0001	-0.0621	3.3536	6.15	51.41%	11.96	-0.1076	-0.0068	-0.0302	0.0557	0.0090	-0.0002	-0.0801	4.1686	7.02	58.72%
Soper		0.0000	2.29	95.94%	2.39	-0.0045	-0.0001	-0.0028	0.0139	0.0006	-0.0001	0.0070	0.0000	2.30	96.34%	2.39	-0.0079	-0.0002	-0.0058	0.0284	0.0018	-0.0001	0.0162	0.0000	2.31	96.71%	2.39	-0.0121	-0.0003	-0.0088	0.0422	0.0036	-0.0001	0.0245	0.0000	2.32	97.04%
Sophie		0.0002	7.17	60.01%	11.96	-0.0442	-0.0011	-0.0059	0.0073	0.0008	0.0001	-0.0430	0.0030	7.16	59.92%	11.96	-0.0644	-0.0016	-0.0124	0.0192	0.0028	0.0001	-0.0563	0.0043	7.15	59.81%	11.96	-0.0845	-0.0021	-0.0190	0.0305	0.0050	0.0001	-0.0700	0.0875	7.22	60.40%
Sopwith		0.0003	6.15	51.47%	11.96	-0.0090	-0.0118	-0.0188	0.0027	0.0005	-0.0003	-0.0367	0.0043	6.13	51.25%	11.96	-0.0166	-0.0221	-0.0324	0.0056	0.0009	-0.0006	-0.0652	0.0062	6.10	51.01%	11.96	-0.0242	-0.0331	-0.0454	0.0084	0.0018	-0.0008	-0.0933	0.0107	6.07	50.79%
Sorrento		0.0002	8.16	50.45%	16.18	-0.0026	-0.0196	-0.0323	0.0112	0.0006	-0.0001	-0.0428	0.0042	8.13	50.29%	16.18	-0.0047	-0.0366	-0.0549	0.0250	0.0011	-0.0003	-0.0704	0.0052	8.11	50.11%	16.18	-0.0070	-0.0548	-0.0777	0.0404	0.0019	-0.0004	-0.0976	0.0059	8.08	49.93%
Soto		0.0000	[redacted]			-0.0020	-0.0041	-0.0184	0.0242	0.0012	-0.0003	0.0006	0.0000	[redacted]			-0.0036	-0.0075	-0.0334	0.0506	0.0021	-0.0006	0.0076	0.0000	[redacted]			-0.0054	-0.0112	-0.0480	0.0770	0.0032	-0.0008	0.0148	0.0000	[redacted]	
South Strand		0.0001	1.32	63.38%	2.08	0.0000	0.0000	-0.0010	0.0185	0.0000	-0.0004	0.0171	0.0001	1.34	64.15%	2.08	0.0000	0.0000	-0.0020	0.0353	0.0000	-0.0011	0.0322	0.0001	1.35	64.81%	2.08	0.0000	0.0000	-0.0030	0.0502	0.0000	-0.0019	0.0453	0.0001	1.36	65.28%
Spa		0.1392	10.04	92.93%	10.80	-0.0103	-0.0287	-0.0362	0.0057	0.0002	-0.0011	-0.0704	0.1842	10.22	94.55%	10.80	-0.0187	-0.0536	-0.0640	0.0118	0.0008	-0.0021	-0.1258	0.2014	10.18	94.18%	10.80	-0.0270	-0.0803	-0.0906	0.0177	0.0017	-0.0032	-0.1817	0.2127	10.14	93.85%
Spades		0.0002	7.83	65.48%	11.96	-0.0037	-0.0326	-0.0312	0.0108	0.0005	0.0000	-0.0562	0.0020	7.78	65.10%	11.96	-0.0074	-0.0596	-0.0574	0.0224	0.0012	0.0001	-0.1007	0.0024	7.74	64.69%	11.96	-0.0113	-0.0887	-0.0832	0.0341	0.0020	0.0002	-0.1469	0.0029	7.69	64.28%
Spadra		1.2717	[redacted]			-0.0035	-0.0182	-0.0344	0.0181	0.0007	-0.0004	-0.0377	1.5881	[redacted]			-0.0069	-0.0335	-0.0653	0.0409	0.0018	-0.0008	-0.0638	1.6918	[redacted]			-0.0102	-0.0500	-0.0959	0.0673	0.0035	-0.0012	-0.0865	1.8257	[redacted]	
Spanada		0.0003	8.25	68.99%	11.96	-0.0211	-0.0017	-0.0078	0.0422	0.0008	-0.0001	0.0123	0.0049	8.28	69.23%	11.96	-0.0373	-0.0031	-0.0171	0.0887	0.0021	-0.0002	0.0331	0.0071	8.30	69.43%	11.96	-0.0558	-0.0046	-0.0266	0.1357	0.0040	-0.0003	0.0524	0.0120	8.34	69.75%
Sparks		0.6810	10.68	89.32%	11.96	-0.0115	-0.0206	-0.0278	0.0191	0.0008	-0.0007	-0.0407	3.3480	11.12	92.96%	11.96	-0.0212	-0.0380	-0.0547	0.0416	0.0021	-0.0013	-0.0715	3.3480	11.08	92.69%	11.96	-0.0313	-0.0567	-0.0818	0.0660	0.0041	-0.0019	-0.1016	3.3480	11.04	92.37%
Sparling		0.0002	9.09	91.75%	9.91	-0.0189	-0.0063	-0.0123	0.0225	0.0006	-0.0005	-0.0149	0.0039	9.09	91.71%	9.91	-0.0344	-0.0118	-0.0242	0.0476	0.0017	-0.0009	-0.0220	0.0055	9.09	91.65%	9.91	-0.0510	-0.0177	-0.0353	0.0734	0.0032	-0.0012	-0.0286	0.0093	9.08	91.61%
Sparrow		0.0002	[redacted]			-0.0019	-0.0261	-0.0266	0.0056	0.0004	-0.0002	-0.0488	0.0021	[redacted]			-0.0038	-0.0475	-0.0493	0.0116	0.0008	-0.0004	-0.0886	0.0029	[redacted]			-0.0058	-0.0706	-0.0723	0.0176	0.0012	-0.0006	-0.1305	0.0032	[redacted]	
Sparton		5.8470	[redacted]			-0.0060	-0.0245	-0.0432	0.0864	0.0007	-0.0001	0.0133	6.0379	[redacted]			-0.0111	-0.0446	-0.0796	0.1904	0.0019	-0.0002	0.0568	6.1046	[redacted]			-0.0166	-0.0663	-0.1152	0.2678	0.0035	-0.0003	0.0729	6.1469	[redacted]	
Spaulding		0.0000	1.83	123.08%	1.49	0.0000	0.0000	-0.0019	0.0073	0.0029	-0.0004	0.0079	0.0000	1.84	123.75%	1.49	0.0000	0.0000	-0.0034	0.0157	0.0054	-0.0004	0.0173	0.0000	1.32	88.54%	1.49	0.0000	0.0000	-0.0049	0.0243	0.0079	-0.0004	0.0269	0.0000	1.33	89.19%
Speaker		0.0000	8.79	73.55%	11.96	-0.0772	-0.0171	-0.0282	0.0934	0.0017	-0.0001	-0.0275	0.0000	8.80	73.56%	11.96	-0.1402	-0.0323	-0.0530	0.1946	0.0045	0.0000	-0.0264	0.0013	8.93	74.67%	11.96	-0.1420	-0.0327	-0.0744	0.3472	0.0112	-0.0077	0.1016	0.0042	9.05	75.73%
Spear		0.0003	9.42	78.77%	11.96	-0.0390	-0.0112	-0.0229	0.0296	0.0015	-0.0002	-0.0422	0.0055	9.37	78.40%	11.96	-0.0799	-0.0236	-0.0426	0.0560	0.0028	-0.0007	-0.0880	0.0081	9.34	78.15%	11.96	-0.1143	-0.0343	-0.0621	0.0877	0.0055	-0.0008	-0.1183	0.0288	9.33	78.04%
Specialized		0.0000	6.59	55.11%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.59	55.11%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.59	55.11%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	6.59	55.11%
Spectrum		0.0000	[redacted]			-0.0084	-0.0159	-0.0199	0.0092	0.0004	-0.0004	-0.0350	0.0000	[redacted]			-0.0152	-0.0294	-0.0368	0.0195	0.0016	-0.0007	-0.0610	0.0006	[redacted]			-0.0224	-0.0439	-0.0535	0.0303	0.0029	-0.0010	-0.0876	0.0020	[redacted]	
Speedway		1.9030	[redacted]			-0.0046	-0.0491	-0.0507	0.0238	0.0012	0.0000	-0.0794	2.0939	[redacted]			-0.0089	-0.0894	-0.0864	0.0666	0.0026	0.0001	-0.1154	2.1620	[redacted]			-0.0131	-0.1329	-0.1234	0.1056	0.0043	0.0002	-0.1593	2.2054	[redacted]	
Speth		0.0000	1.74	30.39%	5.74	-0.0102	-0.0034	-0.0055	0.0023	0.0002	-0.0004	-0.0170	0.0000	1.73	30.14%	5.74	-0.0199	-0.0062	-0.0104	0.0058	0.0006	-0.0008	-0.0309	0.0000	1.72	29.92%	5.74	-0.0292	-0.0092	-0.0153	0.0104	0.0014	-0.0012	-0.0431	0.0000	1.71	29.73%
Sphinx		0.0002	7.47	62.46%	11.96	-0.0068	-0.0206	-0.0213	0.0120	0.0006	-0.0015	-0.0376	0.0009	7.44	62.20%	11.96	-0.0127	-0.0393	-0.0401	0.0249	0.0015	-0.0028	-0.0685	0.0010	7.40	61.92%	11.96	-0.0189	-0.0593	-0.0586	0.0375	0.0028	-0.0041	-0.1006	0.0010	7.37	61.65%
Spice		0.0003	7.87	65.82%	11.96	-0.0403	-0.0001	-0.0067	0.0367	0.0013	0.0000	-0.0091	0.0044	7.87	65.85%	11.96	-0.0732	-0.0002	-0.0149	0.0750	0.0032	0.0000	-0.0101	0.0064	7.87	65.82%	11.96	-0.1096	-0.0003	-0.0233	0.1114	0.0065	0.0000	-0.0153	0.0109	7.86	65.77%
Spike	GNA_2023_29	0.1032	10.43	87.20%	11.96	-0.0104	-0.0141	-0.0277	0.0123	0.0009	-0.0002	-0.0392	0.1348	10.43	87.20%	11.96	-0.0195	-0.0258	-0.0526	0.0254	0.0023	-0.0004	-0.0706	0.1472	7.82	65.40%	11.96	-0.0284	-0.0384	-0.0772	0.0382	0.0044	-0.0005	-0.1019	0.1599	7.80	65.24%
Spillway		0.0001	[redacted]			-0.0080	-0.0327	-0.0318	0.0352	0.0023	-0.0008	-0.0358	0.0006	[redacted]			-0.0145	-0.0602	-0.0602	0.0778	0.0046	-0.0014	-0.0539	0.0011	[redacted]			-0.0218	-0.0899	-0.0902	0.1256	0.0088	-0.0020	-0.0695	0.0785	[redacted]	
Spinel		0.0000	0.73	26.09%	2.80	0.0000	0.0000	-0.0005	0.0155	0.0029	-0.0001	0.0178	0.0000	0.75	26.78%	2.80	0.0000	0.0000	-0.0011	0.0311	0.0065	-0.0004	0.0361	0.0000	0.77	27.48%	2.80	0.0000	0.0000	-0.0017	0.0463	0.0107	-0.0007	0.0546	0.0000	0.79	28.12%
Spinks		0.0000	2.35	98.32%	2.39	-0.0023	0.0000	-0.0015	0.0080	0.0004	0.0000	0.0046	0.0000	2.35	98.57%	2.39	-0.0041	0.0000	-0.0033	0.0164	0.0012	0.0000	0.0102	0.0000	2.36	98.83%	2.39	-0.0061	0.0000	-0.0051	0.0243	0.0026	0.0000	0.0157	0.0000	2.37	99.06%
Spinnaker		0.0001	10.18	72.09%	14.12	0.0000	0.0000	-0.0235	0.0490	0.0136	-0.0020	0.0371	0.0004	10.22	72.37%	14.12	0.0000	0.0000	-0.0428	0.0997	0.0241	-0.0047	0.0763	0.0006	10.26	72.71%	14.12	0.0000	0.0000	-0.0608	0.1489	0.0412	-0.0075	0.1218	0.0008	10.31	73.01%
Spinning		0.0001	2.49	85.15%	2.93	-0.0016	-0.0002	-0.0026	0.0165	0.0008	-0.0004	0.0125	0.0012	2.51	85.66%	2.93	-0.0029	-0.0004	-0.0055	0.0336	0.0020	-0.0011	0.0257	0.0017	2.52	86.00%	2.93	-0.0063	-0.0008	-0.0082	0.0478	0.0035	-0.0014	0.0346	0.0029	2.53	86.44%
Spitfire		0.0001	[redacted]			-0.0045	-0.0138	-0.0325	0.0036	0.0007	-0.0004	-0.0469	0.0010	[redacted]			-0.0087	-0.0256	-0.0585	0.0073	0.0016	-0.0007	-0.0846	0.0011	[redacted]			-0.0127	-0.0383	-0.0822	0.0108	0.0028	-0.0010	-0.1206	0.0015	[redacted]	
Splendor		0.0001	14.98	92.58%	16.18	-0.0125	-0.0158	-0.0382	0.0456	0.0010	-0.0007	-0.0206	0.0001	14.97	92.55%	16.18	-0.0226	-0.0293	-0.0692	0.0941	0.0027	-0.0013	-0.0256	0.0001	14.96	92.50%	16.18	-0.0336	-0.0437	-0.0994	0.1413	0.0048	-0.0019	-0.0325	0.0001	14.36	88.76%
Splendora		0.0000	9.45	79.07%	11.96	-0.0174	-0.0132	-0.0249	0.0345	0.0012	-0.0005	-0.0203	0.0001	9.45	79.01%	11.96	-0.0311	-0.0246	-0.0460	0.0728	0.0024	-0.0008	-0.0273	0.0001	9.43	78.90%	11.96	-0.0473	-0.0368	-0.0678	0.1084	0.0047	-0.0012	-0.0400	0.0001	9.42	78.76%
Sportsman		0.0000	[redacted]			-0.0004	0.0000	0.0000	0.0008	0.0006	0.0000	0.0010	0.0000	[redacted]			-0.0007	0.0000	0.0000	0.0017	0.0008	0.0000	0.0018	0.0081	[redacted]			-0.0010	0.0000	0.0000	0.0026	0.0012	0.0000	0.0028	0.3600	[redacted]	
Sprague		0.0002	9.23	77.22%	11.96	-0.0170	-0.0024	-0.0105	0.0190	0.0012	-0.0025	-0.0122	0.0019	9.23	77.16%	11.96	-0.0319	-0.0044	-0.0223	0.0398	0.0028	-0.0046	-0.0206	0.0027	9.22	77.10%	11.96	-0.0470	-0.0065	-0.0344	0.0607	0.0056	-0.0066	-0.0282	0.0044	9.21	77.05%
Spray		0.0000	[redacted]			-0.0009	-0.0083	-0.0171	0.0107	0.0006	0.0000	-0.0150	0.0000	[redacted]			-0.0017	-0.0152	-0.0285	0.0222	0.0012	0.0000	-0.0220	0.0006	[redacted]			-0.0025	-0.0226	-0.0395	0.0337	0.0021	0.0000	-0.0288	0.0018	[redacted]	
Spring		0.0000	7.27	69.63%	10.43	-0.0015	-0.0221	-0.0378	0.0126	0.0001	0.0000	-0.0487	0.0000	7.23	69.30%	10.43	-0.0030	-0.0406	-0.0657	0.0283	0.0004	0.0000	-0.0806	0.0000	7.20	69.01%	10.43	-0.0045	-0.0605	-0.0915	0.0461	0.0007	0.0000	-0.1097	0.0000	7.19	68.88%
Spring Valley		0.0004	10.46	87.48%	11.96	-0.0028	-0.0002	-0.0066	0.0172	0.0008	-0.0010	0.0074	0.0056	10.47	87.58%	11.96	-0.0053	-0.0004	-0.0145	0.0350	0.0021	-0.0031	0.0138	0.0076	10.48	87.65%	11.96	-0.0079	-0.0006	-0.0225	0.0517	0.0040	-0.0054	0.0193	0.0101	10.49	87.72%
Sprint		0.0000	4.58	38.29%	11.96	-0.0101	-0.0111	-0.0153	0.0235	0.0006	-0.0009	-0.0133	0.0000	4.57	38.23%	11.96	-0.0180	-0.0207	-0.0302	0.0497	0.0015	-0.0017	-0.0194	0.0010	4.57	38.18%	11.96	-0.0268	-0.0310	-0.0453	0.0766	0.0028	-0.0025	-0.0262	0.0033	4.56	38.15%
Spur		0.0002	9.66	80.82%	11.96	-0.0075	-0.0014	-0.0169	0.0213	0.0010	-0.0016	-0.0051	0.0035	10.74	89.82%	11.96	-0.0131	-0.0026	-0.0317	0.0436	0.0023	-0.0031	-0.0046	0.0058	10.74	89.83%	11.96	-0.0197	-0.0039	-0.0458	0.0648	0.0040	-0.0047	-0.0053	0.0095	10.74	89.85%
Squadron		0.1411	11.57	96.81%	11.96	-0.0312	-0.0087	-0.0258	0.0135	0.0014	-0.0017	-0.0525	0.2776	11.68	97.65%	11.96	-0.0603	-0.0159	-0.0509	0.0286	0.0049	-0.0034	-0.0970	0.3287	11.68	97.72%	11.96	-0.0897	-0.0237	-0.0758	0.0440	0.0098	-0.0051	-0.1405	0.4220	11.74	98.21%
Squall		0.0000	[redacted]			-0.0069	-0.0139	-0.0225	0.0512	0.0007	-0.0003	0.0083	0.0001	[redacted]			-0.0128	-0.0265	-0.0426	0.1008	0.0022	-0.0004	0.0207	0.0001	[redacted]			-0.0192	-0.0400	-0.0621	0.1426	0.0037	-0.0006	0.0244	0.0001	[redacted]	
Squint		0.0001	3.60	57.53%	6.26	-0.0072	-0.0021	-0.0057	0.0144	0.0007	0.0000	0.0001	0.0013	3.61	57.71%	6.26	-0.0115	-0.0032	-0.0118	0.0339	0.0016	0.0000	0.0090	0.0018	3.62	57.88%	6.26	-0.0156	-0.0044	-0.0179	0.0534	0.0032	0.0000	0.0187	0.0030	3.64	58.07%
Sri Lanka		0.0002	7.13	59.67%	11.96	-0.0288	-0.0030	-0.0086	0.0626	0.0009	-0.0001	0.0230	0.0025	7.17	59.98%	11.96	-0.0532	-0.0058	-0.0183	0.1293	0.0024	-0.0002	0.0542	0.0035	7.20	60.23%	11.96	-0.0808	-0.0087	-0.0281	0.1944	0.0047	-0.0003	0.0812	0.0059	7.23	60.45%
St. Charles		0.0092	11.32	72.60%	15.59	-0.0052	-0.0065	-0.0106	0.0509	0.0017	-0.0001	0.0302	0.0119	11.36	72.90%	15.59	-0.0096	-0.0125	-0.0204	0.1055	0.0070	-0.0003	0.0697	0.0128	11.40	73.16%	15.59	-0.0143	-0.0188	-0.0320	0.1596	0.0125	-0.0005	0.1065	0.0134	11.44	73.41%
St. Croix		0.4708	[redacted]			-0.0045	-0.0485	-0.0549	0.0116	0.0002	-0.0002	-0.0963	0.5919	[redacted]			-0.0090	-0.0883	-0.0990	0.0242	0.0009	-0.0003	-0.1715	0.6381	[redacted]			-0.0137	-0.1312	-0.1424	0.0368	0.0015	-0.0004	-0.2494	0.6707	[redacted]	
St. Johns		0.0000	6.60	79.01%	8.35	-0.0158	-0.0109	-0.0144	0.0136	0.0005	-0.0004	-0.0274	0.0000	6.58	78.81%	8.35	-0.0260	-0.0174	-0.0305	0.0318	0.0018	-0.0032	-0.0435	0.0000	6.56	78.53%	8.35	-0.0405	-0.0271	-0.0455	0.0468	0.0040	-0.0036	-0.0659	0.0000	6.54	78.39%
St. Thomas		0.0001	6.64	55.57%	11.96	-0.0173	-0.0027	-0.0075	0.0289	0.0006	-0.0001	0.0019	0.0013	6.65	55.65%	11.96	-0.0315	-0.0054	-0.0154	0.0596	0.0021	-0.0002	0.0092	0.0018	6.66	55.69%	11.96	-0.0478	-0.0083	-0.0234	0.0894	0.0040	-0.0003	0.0136	0.0031	6.68	55.84%
Stack		0.0454	8.55	80.90%	10.57	-0.0059	-0.0129	-0.0249	0.0094	0.0002	-0.0018	-0.0359	2.1909	8.61	81.49%	10.57	-0.0077	-0.0168	-0.0444	0.0206	0.0012	-0.0045	-0.0516	2.2001	8.60	81.43%	10.57	-0.0094	-0.0210	-0.0632	0.0310	0.0026	-0.0072	-0.0672	2.2081	8.59	81.34%
Stacy		0.0001	1.73	72.51%	2.39	-0.0053	-0.0004	-0.0020	0.0096	0.0010	0.0000	0.0029	0.0009	1.74	72.78%	2.39	-0.0095	-0.0008	-0.0044	0.0200	0.0030	0.0000	0.0083	0.0013	1.74	72.95%	2.39	-0.0142	-0.0012	-0.0074	0.0304	0.0042	0.0000	0.0118	0.0022	1.75	73.14%
Stafford		0.0000	9.14	92.19%	9.91	-0.0135	-0.0112	-0.0209	0.0196	0.0009	-0.0010	-0.0261	0.0004	9.12	92.00%	9.91	-0.0241	-0.0211	-0.0404	0.0411	0.0023	-0.0019	-0.0441	0.0007	9.10	91.79%	9.91	-0.0364	-0.0317	-0.0597	0.0627	0.0043	-0.0027	-0.0635	0.0011	9.08	91.58%
Stage		0.0002	6.77	56.61%	11.96	-0.0007	-0.0207	-0.0250	0.0018	0.0004	-0.0001	-0.0443	0.0030	6.73	56.32%	11.96	-0.0015	-0.0377	-0.0454	0.0038	0.0008	-0.0002	-0.0802	0.0042	6.71	56.10%	11.96	-0.0019	-0.0479	-0.0642	0.0058	0.0013	-0.0003	-0.1072	0.0046	6.67	55.78%
Stageline		0.4859	8.95	74.82%	11.96	-0.0415	-0.0029	-0.0091	0.0492	0.0012	-0.0001	-0.0032	0.9985	9.52	79.63%	11.96	-0.0745	-0.0054	-0.0191	0.1009	0.0029	-0.0002	0.0046	1.4647	10.04	83.97%	11.96	-0.1098	-0.0080	-0.0293	0.1505	0.0058	-0.0003	0.0089	2.4921	11.17	93.45%
Staghorn		0.0003	7.68	73.57%	10.43	-0.0138	-0.0029	-0.0089	0.0169	0.0013	-0.0004	-0.0078	1.8398	9.66	80.76%	11.96	-0.0251	-0.0055	-0.0177	0.0345	0.0034	-0.0008	-0.0112	1.8413	9.65	80.74%	11.96	-0.0370	-0.0083	-0.0264	0.0511	0.0067	-0.0012	-0.0151	1.8432	9.65	80.72%
Stalling		0.0004	9.60	80.29%	11.96	-0.0127	-0.0097	-0.0217	0.0453	0.0008	-0.0001	0.0019	0.0046	9.62	80.43%	11.96	-0.0228	-0.0179	-0.0425	0.0942	0.0022	-0.0002	0.0130	0.0056	9.63	80.53%	11.96	-0.0335	-0.0267	-0.0631	0.1426	0.0042	-0.0003	0.0232	0.0067	9.64	80.63%
Stamper		0.5001	8.76	73.25%	11.96	-0.0034	-0.0272	-0.0383	0.0097	0.0007	0.0000	-0.0585	0.5013	8.71	72.85%	11.96	-0.0063	-0.0503	-0.0703	0.0204	0.0019	0.0000	-0.1046	0.5013	8.66	72.43%	11.96	-0.0095	-0.0751	-0.1014	0.0313	0.0035	0.0000	-0.1512	0.5013	8.61	72.01%
Standard		0.0000	9.82	82.17%	11.96	-0.0131	-0.0201	-0.0271	0.0607	0.0023	-0.0004	0.0023	0.0000	9.81	82.07%	11.96	-0.0303	-0.0444	-0.0541	0.1146	0.0057	-0.0006	-0.0091	0.0006	9.80	81.94%	11.96	-0.0481	-0.0703	-0.0825	0.1691	0.0091	-0.0010	-0.0237	0.0164	9.82	82.14%
Standing Rock	GNA_2023_254	0.0000	9.39	78.52%	11.96	-0.0375	-0.0020	-0.0175	0.0439	0.0015	-0.0004	-0.0120	0.0000	9.39	78.52%	11.96	-0.0674	-0.0037	-0.0340	0.0900	0.0036	-0.0007	-0.0122	0.0000	9.38	78.49%	11.96	-0.0995	-0.0055	-0.0498	0.1340	0.0061	-0.0010	-0.0157	0.0018	9.38	78.44%
Standish		0.0000	2.72	92.71%	2.93	-0.0014	-0.0001	-0.0022	0.0181	0.0004	0.0000	0.0148	0.0000	2.73	93.31%	2.93	-0.0026	-0.0002	-0.0048	0.0370	0.0012	0.0000	0.0306	0.0000	2.75	93.89%	2.93	-0.0038	-0.0003	-0.0074	0.0550	0.0026	0.0000	0.0461	0.0000	2.74	93.64%
Stanford		0.0000	11.12	92.98%	11.96	-0.0197	-0.0011	-0.0090	0.0112	0.0015	-0.0015	-0.0186	0.0000	11.10	92.85%	11.96	-0.0351	-0.0020	-0.0196	0.0237	0.0035	-0.0032	-0.0327	0.0000	11.09	92.72%	11.96	-0.0515	-0.0030	-0.0305	0.0364	0.0071	-0.0049	-0.0464	0.0000	11.05	92.43%
Stanwood		0.0000	12.51	77.36%	16.18	-0.0142	-0.0166	-0.0318	0.1170	0.0030	-0.0002	0.0572	0.0002	12.59	77.80%	16.18	-0.0259	-0.0306	-0.0658	0.2428	0.0071	-0.0005	0.1271	0.0005	12.65	78.21%	16.18	-0.0392	-0.0458	-0.1019	0.3665	0.0114	-0.0008	0.1902	0.0011	12.71	78.58%
Star Rock		0.0000	8.36	69.96%	11.96	-0.0173	-0.0071	-0.0163	0.0812	0.0006	0.0000	0.0411	0.0005	8.42	70.45%	11.96	-0.0321	-0.0133	-0.0299	0.1673	0.0015	-0.0001	0.0934	0.0006	8.48	70.91%	11.96	-0.0478	-0.0199	-0.0427	0.2509	0.0031	-0.0001	0.1435	0.0007	8.55	71.51%
Starboard		0.0000	5.35	51.23%	10.43	-0.0048	-0.0141	-0.0221	0.0359	0.0005	0.0000	-0.0046	1.2620	6.68	64.02%	10.43	-0.0086	-0.0265	-0.0392	0.0808	0.0013	0.0000	0.0078	1.2620	6.68	64.06%	10.43	-0.0128	-0.0397	-0.0566	0.1187	0.0024	-0.0005	0.0115	1.2620	6.68	64.02%
Starbuck		0.0003	[redacted]			-0.0015	-0.0225	-0.0255	0.0043	0.0009	-0.0003	-0.0446	0.0042	[redacted]			-0.0023	-0.0334	-0.0486	0.0114	0.0020	-0.0007	-0.0716	0.0061	[redacted]			-0.0031	-0.0451	-0.0723	0.0181	0.0037	-0.0012	-0.0999	0.0105	[redacted]	
Starfighter	GNA_2023_179	0.0001	16.02	99.02%	16.18	-0.0200	-0.0069	-0.0228	0.0298	0.0017	-0.0003	-0.0185	0.1559	16.18	100.00%	16.18	-0.0340	-0.0133	-0.0434	0.0610	0.0033	-0.0006	-0.0270	0.5406	8.79	54.33%	16.18	-0.0492	-0.0201	-0.0637	0.0906	0.0055	-0.0009	-0.0378	1.4754	9.78	60.44%
Stargazer		0.0000	[redacted]			-0.0020	-0.0203	-0.0330	0.0068	0.0006	0.0000	-0.0479	0.0000	[redacted]			-0.0040	-0.0369	-0.0585	0.0141	0.0012	0.0000	-0.0841	0.0000	[redacted]			-0.0061	-0.0548	-0.0832	0.0214	0.0019	0.0000	-0.1208	0.0000	[redacted]	
Starglow	GNA_2023_51	0.7017	[redacted]			-0.0727	-0.0198	-0.0360	0.0215	0.0018	-0.0002	-0.1054	1.1019	[redacted]			-0.1356	-0.0361	-0.0678	0.0450	0.0042	-0.0004	-0.1907	1.2427	[redacted]			-0.1984	-0.0536	-0.0981	0.0686	0.0073	-0.0006	-0.2748	1.4198	[redacted]	
Statler		0.0000	10.75	76.13%	14.12	-0.0146	-0.0043	-0.0159	0.1070	0.0010	-0.0003	0.0729	0.0000	10.84	76.79%	14.12	-0.0268	-0.0080	-0.0325	0.2246	0.0027	-0.0006	0.1594	0.0000	10.93	77.45%	14.12	-0.0398	-0.0119	-0.0493	0.3432	0.0048	-0.0009	0.2461	0.0000	11.02	78.07%
Stealth	GNA_2023_221	0.2147	12.58	105.20%	11.96	-0.0225	-0.0075	-0.0245	0.0108	0.0000	-0.0004	-0.0441	0.4162	11.07	92.62%	11.96	-0.0392	-0.0140	-0.0476	0.0240	0.0014	-0.0008	-0.0762	0.4910	11.12	93.01%	11.96	-0.0571	-0.0210	-0.0701	0.0389	0.0032	-0.0012	-0.1073	0.5440	11.15	93.23%
Stearns		0.0002	13.86	85.69%	16.18	-0.0245	-0.0081	-0.0245	0.0516	0.0007	-0.0005	-0.0053	0.0034	13.87	85.77%	16.18	-0.0433	-0.0152	-0.0469	0.1071	0.0024	-0.0010	0.0031	0.0042	13.88	85.83%	16.18	-0.0639	-0.0228	-0.0678	0.1619	0.0049	-0.0015	0.0108	0.0049	13.89	85.86%
Steel		0.0002	[redacted]			-0.0093	-0.0025	-0.0022	0.0158	0.0012	0.0018	0.0048	0.0039	[redacted]			-0.0184	-0.0046	-0.0042	0.0323	0.0025	0.0031	0.0107	0.0058	[redacted]			-0.0271	-0.0068	-0.0062	0.0490	0.0039	0.0043	0.0171	0.0918	[redacted]	
Steelman		0.1785	8.92	74.57%	11.96	-0.0047	-0.0032	-0.0166	0.0103	0.0011	-0.0014	-0.0145	0.6069	8.74	73.08%	11.96	-0.0087	-0.0059	-0.0325	0.0214	0.0027	-0.0032	-0.0262	0.7474	8.88	74.25%	11.96	-0.0129	-0.0088	-0.0486	0.0324	0.0050	-0.0050	-0.0379	0.9710	9.11	76.19%
Stegman		0.0002	[redacted]			-0.0033	-0.0207	-0.0340	0.0093	0.0005	-0.0004	-0.0486	0.0027	[redacted]			-0.0062	-0.0381	-0.0627	0.0192	0.0013	-0.0007	-0.0872	0.0038	[redacted]			-0.0091	-0.0568	-0.0907	0.0287	0.0024	-0.0010	-0.1265	0.0063	[redacted]	
Stella		0.3641	8.96	85.90%	10.43	-0.0191	-0.0101	-0.0242	0.0796	0.0016	-0.0006	0.0272	0.4683	9.12	87.39%	10.43	-0.0366	-0.0190	-0.0439	0.1647	0.0035	-0.0012	0.0675	0.5300	9.25	88.69%	10.43	-0.0488	-0.0253	-0.0642	0.2651	0.0071	-0.0019	0.1320	0.5341	9.32	89.33%
Sterling		0.0000	2.04	85.50%	2.39	-0.0028	-0.0015	-0.0037	0.0036	0.0005	-0.0001	-0.0040	0.0000	2.04	85.35%	2.39	-0.0051	-0.0029	-0.0076	0.0075	0.0013	-0.0002	-0.0070	0.0000	2.03	85.22%	2.39	-0.0074	-0.0044	-0.0115	0.0113	0.0024	-0.0003	-0.0099	0.0000	2.04	85.30%
Stevely		0.0000	2.17	74.08%	2.93	-0.0097	-0.0011	-0.0032	0.0218	0.0005	0.0000	0.0083	0.0000	2.18	74.58%	2.93	-0.0171	-0.0021	-0.0065	0.0450	0.0023	0.0000	0.0216	0.0000	2.20	75.01%	2.93	-0.0256	-0.0031	-0.0098	0.0676	0.0040	0.0000	0.0331	0.0000	2.54	86.77%
Stevens		0.0000	2.34	79.89%	2.93	-0.0018	-0.0004	-0.0025	0.0323	0.0020	-0.0005	0.0291	0.0000	2.37	81.02%	2.93	-0.0031	-0.0008	-0.0052	0.0658	0.0048	-0.0013	0.0602	0.0000	2.40	82.01%	2.93	-0.0046	-0.0012	-0.0085	0.0973	0.0068	-0.0021	0.0877	0.0000	2.43	82.92%
Stevenson		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0011	0.0003	0.0000	0.0013	0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0023	0.0005	0.0000	0.0026	0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0035	0.0006	0.0000	0.0038	0.0000	[redacted]	
Stewart		0.0000	[redacted]			-0.0034	-0.0015	-0.0044	0.0062	0.0004	-0.0005	-0.0032	0.0000	[redacted]			-0.0062	-0.0029	-0.0080	0.0127	0.0008	-0.0009	-0.0045	0.0000	[redacted]			-0.0090	-0.0044	-0.0117	0.0188	0.0019	-0.0012	-0.0056	0.0000	[redacted]	
Stig		0.0000	6.94	58.05%	11.96	-0.0032	-0.0140	-0.0213	0.0116	0.0005	-0.0006	-0.0270	0.9553	7.92	66.28%	11.96	-0.0061	-0.0263	-0.0401	0.0242	0.0013	-0.0011	-0.0481	0.9556	7.91	66.16%	11.96	-0.0080	-0.0349	-0.0586	0.0390	0.0027	-0.0017	-0.0615	0.9558	7.89	65.99%
Stillwell		0.0003	7.51	62.84%	11.96	-0.0036	-0.0208	-0.0271	0.0138	0.0003	0.0003	-0.0371	0.0046	7.48	62.58%	11.96	-0.0078	-0.0406	-0.0498	0.0266	0.0007	0.0004	-0.0705	0.0066	7.45	62.29%	11.96	-0.0121	-0.0619	-0.0714	0.0395	0.0012	0.0005	-0.1042	0.0078	7.42	62.04%
Sting		0.0003	11.16	93.35%	11.96	-0.0156	-0.0011	-0.0141	0.0187	0.0011	-0.0001	-0.0111	0.0042	11.16	93.34%	11.96	-0.0275	-0.0021	-0.0274	0.0386	0.0024	-0.0003	-0.0163	0.0059	11.15	93.28%	11.96	-0.0414	-0.0032	-0.0411	0.0578	0.0046	-0.0005	-0.0238	0.0100	11.15	93.24%
Stinger		0.0000	6.89	57.65%	11.96	-0.0167	-0.0045	-0.0109	0.0300	0.0008	-0.0001	-0.0014	0.2910	7.22	60.39%	11.96	-0.0303	-0.0084	-0.0218	0.0621	0.0021	-0.0002	0.0035	0.2910	7.22	60.42%	11.96	-0.0456	-0.0126	-0.0327	0.0936	0.0041	-0.0003	0.0065	0.2910	7.23	60.43%
Stitzer		0.0000	11.16	93.31%	11.96	-0.0038	-0.0221	-0.0318	0.0174	0.0013	-0.0003	-0.0393	0.0000	11.13	93.09%	11.96	-0.0072	-0.0400	-0.0612	0.0429	0.0028	-0.0017	-0.0644	0.0000	11.10	92.85%	11.96	-0.0106	-0.0592	-0.0904	0.0665	0.0047	-0.0030	-0.0920	0.0000	11.07	92.58%
Stoakes		0.0004	9.63	91.14%	10.57	-0.0049	-0.0029	-0.0053	0.0324	0.0020	-0.0002	0.0211	0.0067	9.66	91.46%	10.57	-0.0086	-0.0054	-0.0111	0.0665	0.0054	-0.0003	0.0465	0.0088	9.69	91.72%	10.57	-0.0129	-0.0081	-0.0169	0.0985	0.0098	-0.0004	0.0700	0.0103	9.71	91.95%
Stocco		0.0001	[redacted]			0.0000	0.0000	-0.0120	0.0047	0.0078	-0.0001	0.0004	0.0019	[redacted]			0.0000	0.0000	-0.0226	0.0096	0.0155	-0.0002	0.0023	0.0019	[redacted]			0.0000	0.0000	-0.0334	0.0143	0.0234	-0.0003	0.0040	0.0019	[redacted]	
Stockcar		0.0002	10.77	90.04%	11.96	-0.0184	-0.0045	-0.0175	0.0286	0.0014	-0.0009	-0.0113	0.0041	10.76	90.02%	11.96	-0.0331	-0.0086	-0.0358	0.0591	0.0034	-0.0017	-0.0167	0.0059	9.78	81.78%	11.96	-0.0491	-0.0129	-0.0543	0.0865	0.0068	-0.0025	-0.0255	0.0069	9.77	81.69%
Stocker		0.0001	7.25	44.82%	16.18	-0.0011	-0.0015	-0.0132	0.0875	0.0011	-0.0022	0.0706	0.0020	7.32	45.24%	16.18	-0.0037	-0.0045	-0.0260	0.1673	0.0028	-0.0031	0.1328	0.0028	7.38	45.63%	16.18	-0.0063	-0.0077	-0.0388	0.2430	0.0048	-0.0041	0.1909	0.0048	7.44	45.98%
Stockton		0.0003	7.80	65.24%	11.96	-0.0093	-0.0103	-0.0210	0.0052	0.0011	-0.0016	-0.0359	0.0044	7.77	65.02%	11.96	-0.0177	-0.0197	-0.0386	0.0110	0.0032	-0.0030	-0.0648	0.0064	7.74	64.76%	11.96	-0.0263	-0.0297	-0.0575	0.0169	0.0067	-0.0044	-0.0943	0.0110	7.72	64.55%
Stockwell		0.0000	2.87	97.85%	2.93	0.0000	0.0000	-0.0023	0.0175	0.0030	0.0000	0.0182	0.0000	2.89	98.52%	2.93	0.0000	0.0000	-0.0046	0.0356	0.0061	0.0000	0.0371	0.0000	2.91	99.25%	2.93	0.0000	0.0000	-0.0069	0.0540	0.0103	0.0000	0.0574	0.0000	2.93	99.97%
Stoli		0.0000	9.38	78.47%	11.96	-0.0075	-0.0227	-0.0322	0.0042	0.0006	-0.0003	-0.0579	0.0007	9.33	78.07%	11.96	-0.0135	-0.0416	-0.0603	0.0087	0.0019	-0.0005	-0.1053	0.0010	9.28	77.65%	11.96	-0.0196	-0.0619	-0.0880	0.0132	0.0035	-0.0007	-0.1535	0.0012	9.24	77.24%
Stone		0.0001	4.61	55.17%	8.35	-0.0090	-0.0093	-0.0046	0.0021	0.0015	0.0006	-0.0187	0.0025	4.59	55.01%	8.35	-0.0179	-0.0168	-0.0090	0.0048	0.0032	0.0018	-0.0339	0.0036	4.58	54.83%	8.35	-0.0266	-0.0249	-0.0134	0.0079	0.0050	0.0029	-0.0491	0.0052	4.56	54.66%
Stoneley		0.0001	[redacted]			-0.0094	-0.0219	-0.0376	0.0700	0.0020	-0.0009	0.0022	0.0011	[redacted]			-0.0170	-0.0406	-0.0719	0.1464	0.0050	-0.0017	0.0202	0.0018	[redacted]			-0.0254	-0.0607	-0.1057	0.2228	0.0094	-0.0024	0.0380	0.0029	[redacted]	
Stoneman		0.0003	7.14	59.73%	11.96	-0.0347	-0.0025	-0.0101	0.0203	0.0009	0.0000	-0.0261	0.0042	7.13	59.60%	11.96	-0.0648	-0.0046	-0.0200	0.0428	0.0023	-0.0001	-0.0444	0.0053	7.11	59.47%	11.96	-0.0941	-0.0069	-0.0295	0.0658	0.0047	-0.0002	-0.0602	0.0062	7.11	59.46%
Stonewood		0.1427	7.50	62.71%	11.96	-0.0139	-0.0103	-0.0169	0.0228	0.0008	-0.0004	-0.0179	0.3002	7.66	64.09%	11.96	-0.0254	-0.0193	-0.0302	0.0493	0.0018	-0.0008	-0.0246	0.3493	7.71	64.49%	11.96	-0.0372	-0.0289	-0.0439	0.0778	0.0034	-0.0012	-0.0300	0.3892	7.75	64.82%
Stooges		0.0003	[redacted]			-0.0017	-0.0291	-0.0336	0.0063	0.0004	-0.0002	-0.0579	0.0050	[redacted]			-0.0033	-0.0529	-0.0643	0.0130	0.0010	-0.0004	-0.1069	0.0059	[redacted]			-0.0049	-0.0785	-0.0954	0.0195	0.0018	-0.0006	-0.1581	0.0059	[redacted]	
Storage		0.0001	6.80	56.84%	11.96	-0.0082	-0.0038	-0.0103	0.0140	0.0009	-0.0001	-0.0075	0.0022	6.79	56.83%	11.96	-0.0144	-0.0070	-0.0207	0.0286	0.0022	-0.0003	-0.0116	0.0031	6.79	56.79%	11.96	-0.0213	-0.0104	-0.0305	0.0424	0.0041	-0.0005	-0.0162	0.0053	6.79	56.77%
Stores		0.7491	7.51	71.95%	10.43	-0.0246	-0.0306	-0.0424	0.0164	0.0006	-0.0004	-0.0810	2.0969	8.90	74.40%	11.96	-0.0391	-0.0477	-0.0719	0.0383	0.0016	-0.0008	-0.1196	2.0992	8.88	74.28%	11.96	-0.0442	-0.0540	-0.1003	0.0624	0.0031	-0.0025	-0.1355	2.1044	8.87	74.17%
Storke		0.0002	12.44	82.63%	15.06	-0.0079	-0.0284	-0.0663	0.1300	0.0017	-0.0002	0.0289	0.9893	13.52	89.79%	15.06	-0.0142	-0.0526	-0.1195	0.2699	0.0039	-0.0005	0.0870	0.9906	13.62	90.45%	15.06	-0.0189	-0.0712	-0.1675	0.4345	0.0066	-0.0013	0.1822	0.9938	13.71	91.02%
Storm		0.0000	7.85	75.18%	10.43	-0.0104	-0.0138	-0.0250	0.0444	0.0009	-0.0010	-0.0049	0.0000	7.88	75.56%	10.43	-0.0108	-0.0145	-0.0455	0.1036	0.0026	-0.0025	0.0329	0.0000	7.92	75.92%	10.43	-0.0113	-0.0152	-0.0658	0.1595	0.0054	-0.0040	0.0686	0.0000	7.92	75.85%
Story		0.0027	2.16	90.49%	2.39	-0.0005	-0.0009	-0.0019	0.0112	0.0003	-0.0002	0.0080	0.0030	2.17	90.95%	2.39	-0.0010	-0.0018	-0.0036	0.0229	0.0016	-0.0004	0.0177	0.0030	2.18	91.35%	2.39	-0.0015	-0.0027	-0.0056	0.0340	0.0028	-0.0006	0.0264	0.0030	2.19	91.72%
Stout		0.0003	9.37	78.34%	11.96	-0.0367	-0.0041	-0.0109	0.0634	0.0010	-0.0001	0.0126	0.0054	9.40	78.65%	11.96	-0.0662	-0.0075	-0.0230	0.1354	0.0026	-0.0002	0.0411	0.0078	9.44	78.94%	11.96	-0.0992	-0.0112	-0.0353	0.2109	0.0051	-0.0003	0.0700	0.0133	9.48	79.25%
Strathern		0.7005	[redacted]			-0.0289	-0.0124	-0.0306	0.0580	0.0010	-0.0009	-0.0138	0.7036	[redacted]			-0.0519	-0.0231	-0.0570	0.1196	0.0027	-0.0017	-0.0114	2.4041	[redacted]			-0.0774	-0.0346	-0.0830	0.1795	0.0049	-0.0025	-0.0131	2.4041	[redacted]	
Strawberry		0.0000	1.01	34.53%	2.93	-0.0007	-0.0002	-0.0010	0.0094	0.0009	0.0000	0.0084	0.0000	1.02	34.87%	2.93	-0.0013	-0.0003	-0.0022	0.0194	0.0023	0.0000	0.0179	0.0000	1.03	35.18%	2.93	-0.0019	-0.0005	-0.0038	0.0291	0.0034	0.0000	0.0263	0.0026	1.04	35.58%
Streamliner		0.0001	7.65	64.02%	11.96	-0.0046	-0.0177	-0.0219	0.0093	0.0006	-0.0009	-0.0352	0.0017	7.64	63.86%	11.96	-0.0073	-0.0277	-0.0417	0.0219	0.0016	-0.0018	-0.0550	0.0036	9.79	81.89%	11.96	-0.0099	-0.0384	-0.0613	0.0347	0.0033	-0.0027	-0.0743	0.0070	9.77	81.75%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0244	-0.0721	-0.0745	0.0614	0.0011	-0.0009	-0.1094	7.2328	10.93	91.45%	11.96	-0.0302	-0.0921	-0.0882	0.0779	0.0018	-0.0010	-0.1318	0.00	2.07	3.41	4.78	5.61	0.00%	24.41%	40.74%	57.11%	67.03%
11.96	-0.0492	-0.0400	-0.0743	0.1437	0.0080	-0.0011	-0.0129	0.0044	9.40	78.60%	11.96	-0.0625	-0.0519	-0.0910	0.1736	0.0121	-0.0014	-0.0211	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1154	-0.0276	-0.0632	0.2412	0.0090	-0.0014	0.0426	0.0092	10.08	84.33%	11.96	-0.1478	-0.0351	-0.0774	0.2943	0.0134	-0.0018	0.0456	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0017	-0.0012	-0.0107	0.0237	0.0046	-0.0015	0.0132	0.0000	1.12	40.14%	2.80	-0.0017	-0.0012	-0.0124	0.0282	0.0069	-0.0018	0.0180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0029	-0.0065	-0.0214	0.0080	0.0219	0.0009	0.0000	0.0000	6.12	58.68%	10.43	-0.0037	-0.0082	-0.0255	0.0100	0.0275	0.0011	0.0012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0248	-0.1010	-0.1535	0.0216	0.0055	-0.0014	-0.2536	2.4110	[redacted]			-0.0305	-0.1286	-0.1859	0.0263	0.0081	-0.0019	-0.3125	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.74	-0.0860	-0.0427	-0.0829	0.0427	0.0072	-0.0018	-0.1635	1.0496	10.25	87.31%	11.74	-0.1129	-0.0543	-0.1010	0.0545	0.0109	-0.0023	-0.2051	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1184	-0.0940	-0.0996	0.2474	0.0137	-0.0011	-0.0520	0.0029	9.22	87.30%	10.57	-0.1579	-0.1230	-0.1200	0.3084	0.0182	-0.0010	-0.0753	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0105	-0.1043	-0.1234	0.0211	0.0009	-0.0042	-0.2204	0.0000	[redacted]			-0.0117	-0.1198	-0.1471	0.0279	0.0011	-0.0045	-0.2541	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0042	-0.1625	-0.1844	0.0177	0.0017	-0.0004	-0.3321	0.5676	[redacted]			-0.0051	-0.2067	-0.2251	0.0247	0.0020	-0.0005	-0.4107	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.98	0.0000	-0.0004	-0.0095	0.0450	0.0039	-0.0007	0.0383	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0043	-0.0024	-0.0149	0.0132	0.0133	-0.0017	0.0032	0.0000	2.60	37.42%	6.96	-0.0057	-0.0033	-0.0198	0.0168	0.0157	-0.0026	0.0011	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0127	-0.0449	-0.0427	0.0528	0.0038	0.0016	-0.0421	0.0053	[redacted]			-0.0153	-0.0556	-0.0510	0.0665	0.0039	0.0022	-0.0493	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.67	-0.0897	-0.1048	-0.1327	0.4316	0.0116	-0.0014	0.1146	0.0032	9.25	79.22%	11.67	-0.1188	-0.1364	-0.1562	0.5240	0.0205	-0.0010	0.1321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0156	-0.1454	-0.1476	0.0539	0.0031	-0.0034	-0.2550	0.0254	[redacted]			-0.0190	-0.1864	-0.1768	0.0664	0.0044	-0.0037	-0.3151	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1437	-0.0066	-0.0356	0.0897	0.0116	0.0002	-0.0844	0.0134	[redacted]			-0.1785	-0.0084	-0.0426	0.1093	0.0172	0.0002	-0.1028	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0020	-0.0001	0.0000	0.0004	0.0000	0.0001	-0.0016	0.0000	[redacted]			-0.0024	-0.0002	0.0000	0.0005	0.0000	0.0001	-0.0020	0.00	0.00	0.00	0.00	0.00	[redacted]				
5.22	0.0000	0.0000	-0.0165	0.0474	0.0363	-0.0060	0.0612	0.0268	2.84	54.44%	5.22	0.0000	0.0000	-0.0202	0.0580	0.0464	-0.0074	0.0768	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0004	0.0004	0.0026	-0.0008	0.0018	0.0092	[redacted]			0.0000	0.0000	-0.0005	0.0005	0.0040	-0.0009	0.0031	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0024	-0.0024	-0.0077	0.0067	0.0181	0.0007	0.0130	0.0004	3.63	34.78%	10.43	-0.0031	-0.0030	-0.0091	0.0084	0.0223	0.0008	0.0163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1056	-0.0122	-0.0577	0.0730	0.0144	-0.0012	-0.0893	0.0190	9.55	79.89%	11.96	-0.1329	-0.0155	-0.0709	0.0878	0.0218	-0.0015	-0.1112	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0647	-0.0155	-0.0435	0.0301	0.0049	-0.0006	-0.0893	0.0154	[redacted]			-0.0789	-0.0198	-0.0536	0.0367	0.0075	-0.0008	-0.1089	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0316	-0.0262	-0.0609	0.1867	0.0072	-0.0017	0.0735	1.0220	10.46	87.51%	11.96	-0.0391	-0.0333	-0.0746	0.2282	0.0106	-0.0021	0.0897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0323	-0.0093	-0.0528	0.0636	0.0064	-0.0145	-0.0389	0.0000	[redacted]			-0.0401	-0.0118	-0.0634	0.0764	0.0090	-0.0175	-0.0474	0.82	0.82	0.82	0.82	0.82	[redacted]				
11.96	-0.0920	-0.0105	-0.0358	0.0622	0.0088	-0.0005	-0.0678	0.0218	6.92	57.88%	11.96	-0.1153	-0.0133	-0.0436	0.0775	0.0131	-0.0006	-0.0822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0381	-0.0600	-0.0970	0.1085	0.0053	-0.0008	-0.0821	0.0003	[redacted]			-0.0473	-0.0763	-0.1187	0.1324	0.0081	-0.0013	-0.1031	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0532	-0.0853	-0.1176	0.0343	0.0057	-0.0014	-0.2175	1.0995	10.53	88.05%	11.96	-0.0613	-0.1020	-0.1449	0.0425	0.0089	-0.0018	-0.2586	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0166	-0.0648	-0.1429	0.1111	0.0161	-0.0059	-0.1030	2.3960	16.34	101.02%	16.18	-0.0215	-0.0826	-0.1752	0.1345	0.0228	-0.0074	-0.1294	1.74	1.74	1.74	1.71	1.71	10.75%	10.75%	10.75%	10.57%	10.57%
[redacted]	-0.0397	-0.0872	-0.1379	0.0482	0.0053	-0.0004	-0.2117	0.0000	[redacted]			-0.0480	-0.1110	-0.1673	0.0622	0.0075	-0.0005	-0.2571	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1073	-0.0454	-0.1167	0.3374	0.0189	-0.0056	0.0813	0.0000	8.76	73.25%	11.96	-0.1390	-0.0576	-0.1432	0.4070	0.0278	-0.0070	0.0880	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1354	-0.0088	-0.0406	0.0734	0.0141	-0.0004	-0.0977	4.1740	6.99	58.45%	11.96	-0.1760	-0.0120	-0.0501	0.0880	0.0188	-0.0006	-0.1319	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0170	-0.0004	-0.0113	0.0545	0.0065	-0.0001	0.0322	0.0000	2.32	97.32%	2.39	-0.0229	-0.0005	-0.0136	0.0656	0.0102	-0.0001	0.0387	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1040	-0.0027	-0.0247	0.0405	0.0079	0.0001	-0.0829	0.4818	7.61	63.61%	11.96	-0.1225	-0.0033	-0.0295	0.0495	0.0125	0.0001	-0.0932	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0316	-0.0446	-0.0582	0.0110	0.0030	-0.0011	-0.1215	0.0219	6.05	50.64%	11.96	-0.0386	-0.0567	-0.0709	0.0134	0.0048	-0.0014	-0.1494	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0094	-0.0740	-0.0996	0.0564	0.0028	-0.0006	-0.1244	0.0074	8.05	49.76%	16.18	-0.0119	-0.0941	-0.1212	0.0725	0.0040	-0.0008	-0.1515	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0074	-0.0151	-0.0621	0.1019	0.0052	-0.0011	0.0214	0.0000	[redacted]			-0.0097	-0.0192	-0.0761	0.1255	0.0075	-0.0013	0.0267	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.08	0.0000	0.0000	-0.0039	0.0610	0.0000	-0.0027	0.0544	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.80	-0.0320	-0.0979	-0.1186	0.0241	0.0031	-0.0044	-0.2257	0.2177	10.10	93.48%	10.80	-0.0367	-0.1164	-0.1448	0.0298	0.0049	-0.0057	-0.2689	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0151	-0.1197	-0.1070	0.0453	0.0024	0.0003	-0.1938	0.0040	7.64	63.89%	11.96	-0.0187	-0.1525	-0.1279	0.0564	0.0027	0.0004	-0.2396	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0134	-0.0675	-0.1228	0.0951	0.0057	-0.0017	-0.1046	2.0930	[redacted]			-0.0165	-0.0859	-0.1496	0.1223	0.0085	-0.0021	-0.1233	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0692	-0.0057	-0.0344	0.1852	0.0069	-0.0004	0.0824	0.0243	8.38	70.10%	11.96	-0.0843	-0.0068	-0.0417	0.2302	0.0107	-0.0005	0.1076	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0431	-0.0797	-0.1054	0.0872	0.0072	-0.0026	-0.1364	3.3480	11.01	92.06%	11.96	-0.0553	-0.1039	-0.1265	0.1083	0.0107	-0.0030	-0.1697	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.91	-0.0686	-0.0239	-0.0461	0.0984	0.0056	-0.0015	-0.0361	0.0184	9.08	91.60%	9.91	-0.0878	-0.0304	-0.0567	0.1222	0.0085	-0.0018	-0.0460	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0077	-0.0952	-0.0923	0.0233	0.0013	-0.0008	-0.1714	0.0032	[redacted]			-0.0087	-0.1099	-0.1082	0.0288	0.0014	-0.0010	-0.1976	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0225	-0.0894	-0.1492	0.3292	0.0056	-0.0004	0.0733	6.1493	[redacted]			-0.0289	-0.1139	-0.1818	0.4264	0.0082	-0.0005	0.1095	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.49	0.0000	0.0000	-0.0064	0.0315	0.0118	-0.0008	0.0361	0.0000	1.34	89.81%	1.49	0.0000	0.0000	-0.0079	0.0383	0.0157	-0.0012	0.0449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1440	-0.0331	-0.0908	0.4840	0.0214	-0.0159	0.2216	0.0145	9.18	76.76%	11.96	-0.1463	-0.0336	-0.1078	0.6070	0.0370	-0.0259	0.3304	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1494	-0.0454	-0.0796	0.1173	0.0080	-0.0009	-0.1500	0.1089	9.38	78.46%	11.96	-0.1860	-0.0570	-0.0976	0.1452	0.0118	-0.0011	-0.1847	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0053	6.60	55.16%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0298	-0.0592	-0.0671	0.0408	0.0048	-0.0013	-0.1118	0.0072	[redacted]			-0.0377	-0.0754	-0.0809	0.0511	0.0078	-0.0016	-0.1367	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0171	-0.1793	-0.1569	0.1549	0.0054	0.0002	-0.1928	2.2079	[redacted]			-0.0210	-0.2284	-0.1894	0.2232	0.0067	0.0002	-0.2087	0.00	0.00	0.00	0.00	0.00	[redacted]				
5.74	-0.0379	-0.0124	-0.0198	0.0156	0.0025	-0.0016	-0.0536	0.0000	1.70	29.55%	5.74	-0.0461	-0.0158	-0.0242	0.0208	0.0039	-0.0020	-0.0634	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0252	-0.0801	-0.0755	0.0492	0.0045	-0.0053	-0.1324	0.0010	7.34	61.36%	11.96	-0.0318	-0.1017	-0.0925	0.0602	0.0068	-0.0066	-0.1656	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1495	-0.0004	-0.0304	0.1441	0.0106	-0.0001	-0.0257	0.0223	7.86	65.74%	11.96	-0.1915	-0.0005	-0.0372	0.1736	0.0157	-0.0003	-0.0402	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0370	-0.0518	-0.0998	0.0500	0.0071	-0.0006	-0.1321	0.1760	7.79	65.12%	11.96	-0.0453	-0.0660	-0.1215	0.0611	0.0105	-0.0008	-0.1620	0.65	0.65	0.65	0.65	0.65	6.65%	6.65%	6.66%	6.67%	6.69%
[redacted]	-0.0296	-0.1215	-0.1172	0.1745	0.0151	-0.0026	-0.0813	0.3849	[redacted]			-0.0383	-0.1551	-0.1408	0.2233	0.0209	-0.0032	-0.0932	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	0.0000	0.0000	-0.0023	0.0602	0.0145	-0.0010	0.0714	0.0000	0.80	28.69%	2.80	0.0000	0.0000	-0.0028	0.0730	0.0177	-0.0013	0.0866	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0082	0.0000	-0.0067	0.0314	0.0044	0.0000	0.0209	0.0000	2.37	99.28%	2.39	-0.0105	0.0000	-0.0082	0.0378	0.0067	0.0000	0.0258	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	0.0000	0.0000	-0.0781	0.1940	0.0570	-0.0102	0.1627	0.0013	10.35	73.30%	14.12	0.0000	0.0000	-0.0953	0.2354	0.0757	-0.0132	0.2026	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0081	-0.0010	-0.0110	0.0620	0.0059	-0.0022	0.0456	0.0059	2.54	86.87%	2.93	-0.0102	-0.0012	-0.0136	0.0746	0.0084	-0.0032	0.0548	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0164	-0.0517	-0.1063	0.0139	0.0046	-0.0013	-0.1572	0.0029	[redacted]			-0.0198	-0.0657	-0.1303	0.0167	0.0070	-0.0016	-0.1937	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0455	-0.0589	-0.1309	0.1847	0.0087	-0.0025	-0.0444	0.0001	14.34	88.66%	16.18	-0.0578	-0.0749	-0.1604	0.2255	0.0125	-0.0031	-0.0582	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0659	-0.0497	-0.0879	0.1407	0.0075	-0.0016	-0.0569	0.0001	9.40	78.61%	11.96	-0.0878	-0.0632	-0.1077	0.1762	0.0107	-0.0020	-0.0738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0013	0.0000	0.0000	0.0035	0.0016	0.0000	0.0038	0.8540	[redacted]			-0.0016	0.0000	0.0000	0.0044	0.0021	0.0000	0.0049	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0619	-0.0087	-0.0443	0.0803	0.0087	-0.0090	-0.0349	0.0087	9.21	77.03%	11.96	-0.0763	-0.0111	-0.0539	0.0981	0.0130	-0.0117	-0.0419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0029	-0.0272	-0.0519	0.0485	0.0036	-0.0002	-0.0301	0.0054	[redacted]			-0.0033	-0.0321	-0.0642	0.0618	0.0055	-0.0004	-0.0327	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0052	-0.0704	-0.1143	0.0668	0.0008	-0.0001	-0.1224	0.0000	7.17	68.75%	10.43	-0.0058	-0.0809	-0.1360	0.0874	0.0009	-0.0002	-0.1346	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0105	-0.0008	-0.0297	0.0664	0.0063	-0.0080	0.0237	0.0163	10.50	87.80%	11.96	-0.0131	-0.0010	-0.0368	0.0794	0.0092	-0.0113	0.0264	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0362	-0.0419	-0.0577	0.1025	0.0046	-0.0033	-0.0320	0.0093	4.56	38.14%	11.96	-0.0465	-0.0533	-0.0692	0.1272	0.0068	-0.0041	-0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0272	-0.0052	-0.0589	0.0837	0.0067	-0.0064	-0.0073	0.0185	10.74	89.79%	11.96	-0.0449	-0.0081	-0.0724	0.0992	0.0097	-0.0068	-0.0233	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1190	-0.0319	-0.0964	0.0589	0.0153	-0.0067	-0.1798	0.6677	10.67	89.21%	11.96	-0.1478	-0.0406	-0.1163	0.0727	0.0227	-0.0083	-0.2176	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0258	-0.0543	-0.0801	0.1782	0.0060	-0.0008	0.0232	0.0001	[redacted]			-0.0329	-0.0694	-0.0971	0.2246	0.0093	-0.0010	0.0335	0.00	0.00	0.00	0.00	0.00	[redacted]				
6.26	-0.0195	-0.0056	-0.0236	0.0717	0.0053	0.0000	0.0283	0.0059	3.65	58.27%	6.26	-0.0232	-0.0069	-0.0292	0.0885	0.0078	0.0000	0.0370	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1108	-0.0117	-0.0366	0.2544	0.0079	-0.0004	0.1028	0.0116	7.25	60.65%	11.96	-0.1438	-0.0148	-0.0448	0.3109	0.0117	-0.0005	0.1187	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0191	-0.0253	-0.0423	0.2100	0.0185	-0.0006	0.1412	0.0134	11.48	73.64%	15.59	-0.0241	-0.0320	-0.0521	0.2575	0.0265	-0.0008	0.1750	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0181	-0.1755	-0.1820	0.0482	0.0016	-0.0004	-0.3262	0.6769	[redacted]			-0.0223	-0.2225	-0.2172	0.0594	0.0017	-0.0004	-0.4013	0.00	0.00	0.00	0.00	0.00	[redacted]				
8.35	-0.0511	-0.0345	-0.0557	0.0626	0.0058	-0.0044	-0.0773	0.0000	6.53	78.23%	8.35	-0.0618	-0.0424	-0.0664	0.0770	0.0083	-0.0053	-0.0906	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0598	-0.0102	-0.0311	0.1218	0.0080	-0.0004	0.0283	0.0062	6.69	55.96%	11.96	-0.0733	-0.0122	-0.0382	0.1510	0.0119	-0.0005	0.0387	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0110	-0.0254	-0.0823	0.0402	0.0044	-0.0098	-0.0839	2.2195	8.59	81.29%	10.57	-0.0125	-0.0300	-0.1004	0.0483	0.0069	-0.0125	-0.1002	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0193	-0.0016	-0.0101	0.0402	0.0061	0.0000	0.0153	0.0045	1.75	73.37%	2.39	-0.0250	-0.0020	-0.0127	0.0498	0.0082	0.0000	0.0183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.91	-0.0504	-0.0428	-0.0773	0.0832	0.0070	-0.0035	-0.0838	0.0014	9.05	91.33%	9.91	-0.0667	-0.0544	-0.0946	0.1026	0.0103	-0.0044	-0.1072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0026	-0.0675	-0.0833	0.0077	0.0015	-0.0004	-0.1446	0.0046	6.63	55.46%	11.96	-0.0033	-0.0882	-0.0999	0.0096	0.0016	-0.0005	-0.1807	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1469	-0.0108	-0.0379	0.1954	0.0095	-0.0004	0.0089	3.1175	9.69	81.01%	11.96	-0.1845	-0.0137	-0.0461	0.2360	0.0142	-0.0005	0.0054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0494	-0.0112	-0.0344	0.0659	0.0109	-0.0016	-0.0198	1.8481	9.65	80.72%	11.96	-0.0618	-0.0142	-0.0422	0.0792	0.0165	-0.0020	-0.0245	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0444	-0.0360	-0.0813	0.1879	0.0067	-0.0003	0.0326	0.0091	9.65	80.72%	11.96	-0.0559	-0.0458	-0.0987	0.2306	0.0100	-0.0003	0.0399	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0128	-0.1013	-0.1314	0.0419	0.0052	0.0000	-0.1984	0.5013	8.56	71.59%	11.96	-0.0164	-0.1289	-0.1600	0.0524	0.0072	0.0000	-0.2457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0608	-0.0902	-0.1068	0.2288	0.0131	-0.0013	-0.0172	0.0392	9.83	82.23%	11.96	-0.0772	-0.1184	-0.1294	0.2797	0.0172	-0.0017	-0.0298	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1334	-0.0074	-0.0641	0.1737	0.0101	-0.0013	-0.0224	0.0078	9.35	78.16%	11.96	-0.1902	-0.0105	-0.0782	0.2075	0.0145	-0.0016	-0.0585	0.02	0.07	0.04	0.02	0.02	0.21%	0.75%	0.43%	0.21%	0.21%
2.93	-0.0050	-0.0004	-0.0097	0.0711	0.0044	0.0000	0.0604	0.0000	2.76	94.14%	2.93	-0.0062	-0.0005	-0.0118	0.0856	0.0067	0.0000	0.0738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0862	-0.0051	-0.0403	0.0476	0.0113	-0.0050	-0.0777	0.0000	11.02	92.15%	11.96	-0.1214	-0.0073	-0.0497	0.0580	0.0169	-0.0051	-0.1086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0541	-0.0620	-0.1330	0.4814	0.0166	-0.0009	0.2480	0.0027	12.77	78.92%	16.18	-0.0701	-0.0792	-0.1606	0.5898	0.0212	-0.0011	0.3000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0583	-0.0245	-0.0547	0.3419	0.0056	-0.0002	0.2098	0.0010	8.61	72.05%	11.96	-0.0687	-0.0293	-0.0665	0.4241	0.0090	-0.0003	0.2683	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0171	-0.0536	-0.0746	0.1499	0.0042	-0.0010	0.0078	1.2620	6.70	64.17%	10.43	-0.0217	-0.0681	-0.0882	0.1935	0.0078	-0.0010	0.0223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0044	-0.0665	-0.0920	0.0225	0.0058	-0.0015	-0.1361	0.0215	[redacted]			-0.0057	-0.0891	-0.1084	0.0268	0.0077	-0.0018	-0.1705	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0652	-0.0271	-0.0832	0.1172	0.0088	-0.0012	-0.0507	2.1468	10.49	64.82%	16.18	-0.0822	-0.0343	-0.0993	0.1412	0.0144	-0.0015	-0.0617	0.00	0.00	0.40	1.40	2.10	0.00%	0.00%	2.47%	8.64%	12.96%
[redacted]	-0.0082	-0.0739	-0.1087	0.0283	0.0032	0.0000	-0.1593	0.0000	[redacted]			-0.0085	-0.0771	-0.1335	0.0367	0.0051	-0.0002	-0.1775	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.2594	-0.0723	-0.1254	0.0910	0.0125	-0.0008	-0.3544	1.8469	[redacted]			-0.3174	-0.0921	-0.1510	0.1122	0.0187	-0.0010	-0.4306	1.91	0.41	0.48	0.59	0.98	[redacted]				
14.12	-0.0530	-0.0160	-0.0655	0.4558	0.0086	-0.0012	0.3287	0.0000	11.11	78.66%	14.12	-0.0666	-0.0203	-0.0803	0.5627	0.0124	-0.0015	0.4064	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0754	-0.0283	-0.0912	0.0543	0.0060	-0.0015	-0.1361	0.5543	11.13	93.06%	11.96	-0.0944	-0.0360	-0.1117	0.0692	0.0095	-0.0019	-0.1653	0.78	0.70	0.63	0.59	0.52	6.52%	5.85%	5.27%	4.93%	4.35%
16.18	-0.0861	-0.0308	-0.0875	0.2129	0.0084	-0.0019	0.0150	0.0064	13.89	85.89%	16.18	-0.1090	-0.0391	-0.1066	0.2610	0.0133	-0.0024	0.0172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0321	-0.0083	-0.0073	0.0651	0.0054	0.0053	0.0281	0.4285	[redacted]			-0.0366	-0.0099	-0.0083	0.0810	0.0070	0.0064	0.0396	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0172	-0.0119	-0.0629	0.0426	0.0084	-0.0068	-0.0478	1.5270	9.69	81.05%	11.96	-0.0275	-0.0194	-0.0773	0.0513	0.0126	-0.0073	-0.0676	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0119	-0.0766	-0.1170	0.0375	0.0039	-0.0013	-0.1654	0.0124	[redacted]			-0.0150	-0.1008	-0.1422	0.0449	0.0059	-0.0015	-0.2087	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0608	-0.0319	-0.0830	0.3551	0.0127	-0.0026	0.1895	0.5438	9.37	89.83%	10.43	-0.0781	-0.0423	-0.0968	0.4272	0.0208	-0.0027	0.2281	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0079	-0.0047	-0.0149	0.0158	0.0041	-0.0006	-0.0082	0.0000	2.04	85.38%	2.39	-0.0084	-0.0050	-0.0182	0.0198	0.0065	-0.0009	-0.0062	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0353	-0.0042	-0.0128	0.0883	0.0063	0.0000	0.0423	0.0000	2.55	87.03%	2.93	-0.0464	-0.0053	-0.0156	0.1078	0.0087	0.0000	0.0492	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0062	-0.0016	-0.0114	0.1251	0.0098	-0.0029	0.1128	0.0000	2.45	83.69%	2.93	-0.0080	-0.0020	-0.0143	0.1498	0.0125	-0.0039	0.1341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0004	0.0046	0.0006	0.0000	0.0048	0.0000	[redacted]			0.0000	0.0000	-0.0005	0.0057	0.0006	0.0000	0.0058	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0117	-0.0059	-0.0150	0.0242	0.0033	-0.0016	-0.0067	0.0000	[redacted]			-0.0143	-0.0075	-0.0183	0.0291	0.0050	-0.0020	-0.0080	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0107	-0.0487	-0.0755	0.0509	0.0042	-0.0022	-0.0820	0.9564	7.87	65.81%	11.96	-0.0133	-0.0631	-0.0917	0.0622	0.0060	-0.0030	-0.1029	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0158	-0.0818	-0.0922	0.0536	0.0013	0.0011	-0.1338	0.0078	6.38	53.39%	11.96	-0.0193	-0.1028	-0.1118	0.0676	0.0014	0.0017	-0.1632	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0570	-0.0043	-0.0533	0.0753	0.0074	-0.0007	-0.0326	0.0198	11.15	93.22%	11.96	-0.0751	-0.0055	-0.0652	0.0912	0.0109	-0.0009	-0.0446	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0621	-0.0170	-0.0424	0.1227	0.0069	-0.0004	0.0077	0.2910	7.22	60.42%	11.96	-0.0802	-0.0216	-0.0519	0.1502	0.0103	-0.0005	0.0063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0141	-0.0809	-0.1174	0.0842	0.0084	-0.0033	-0.1231	0.0000	11.04	92.34%	11.96	-0.0174	-0.1037	-0.1422	0.1040	0.0115	-0.0036	-0.1514	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0177	-0.0110	-0.0226	0.1270	0.0166	-0.0006	0.0917	0.0134	9.74	92.19%	10.57	-0.0232	-0.0141	-0.0281	0.1534	0.0249	-0.0008	0.1121	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0415	0.0186	0.0288	-0.0004	0.0055	0.0019	[redacted]			0.0000	0.0000	-0.0484	0.0226	0.0343	-0.0005	0.0080	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0663	-0.0174	-0.0710	0.1104	0.0112	-0.0033	-0.0364	0.0103	9.76	81.63%	11.96	-0.0853	-0.0221	-0.0873	0.1344	0.0171	-0.0041	-0.0473	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0088	-0.0110	-0.0508	0.3106	0.0076	-0.0050	0.2426	0.0096	7.49	46.31%	16.18	-0.0111	-0.0144	-0.0622	0.3717	0.0108	-0.0059	0.2889	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0349	-0.0400	-0.0755	0.0225	0.0112	-0.0058	-0.1225	0.0227	7.70	64.41%	11.96	-0.0435	-0.0507	-0.0922	0.0277	0.0163	-0.0072	-0.1496	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0090	0.0718	0.0149	0.0000	0.0777	0.0000	2.72	92.85%	2.93	0.0000	0.0000	-0.0110	0.0889	0.0196	0.0000	0.0975	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0257	-0.0835	-0.1123	0.0174	0.0056	-0.0011	-0.1996	0.0018	9.19	76.84%	11.96	-0.0319	-0.1063	-0.1363	0.0215	0.0081	-0.0013	-0.2462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0349	-0.0336	-0.0172	0.0111	0.0065	0.0040	-0.0641	0.0085	4.55	54.52%	8.35	-0.0426	-0.0428	-0.0207	0.0143	0.0081	0.0052	-0.0785	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0341	-0.0819	-0.1366	0.2949	0.0152	-0.0031	0.0544	0.0056	[redacted]			-0.0434	-0.1042	-0.1670	0.3631	0.0224	-0.0039	0.0670	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1124	-0.0085	-0.0385	0.0896	0.0088	-0.0005	-0.0615	0.0086	7.10	59.40%	11.96	-0.1382	-0.0111	-0.0457	0.1106	0.0145	-0.0006	-0.0705	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0490	-0.0390	-0.0567	0.1062	0.0056	-0.0016	-0.0345	0.3929	7.76	64.87%	11.96	-0.0566	-0.0457	-0.0690	0.1322	0.0088	-0.0023	-0.0326	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0053	-0.0863	-0.1068	0.0253	0.0021	-0.0005	-0.1715	0.0059	[redacted]			-0.0053	-0.0863	-0.1132	0.0345	0.0021	0.0002	-0.1680	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0287	-0.0140	-0.0384	0.0547	0.0065	-0.0007	-0.0206	0.0105	6.79	56.77%	11.96	-0.0369	-0.0178	-0.0457	0.0658	0.0098	-0.0009	-0.0257	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0494	-0.0605	-0.1282	0.0845	0.0053	-0.0041	-0.1524	2.1171	8.86	74.13%	11.96	-0.0547	-0.0673	-0.1536	0.1038	0.0082	-0.0060	-0.1696	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.06	-0.0237	-0.0908	-0.2148	0.5827	0.0111	-0.0020	0.2625	1.0020	13.77	91.43%	15.06	-0.0304	-0.1196	-0.2566	0.7043	0.0185	-0.0023	0.3139	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0210	-0.0300	-0.0865	0.1957	0.0082	-0.0046	0.0618	0.0000	7.91	75.80%	10.43	-0.0314	-0.0454	-0.1069	0.2330	0.0121	-0.0052	0.0562	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0020	-0.0036	-0.0074	0.0440	0.0042	-0.0008	0.0344	0.0030	2.20	92.06%	2.39	-0.0025	-0.0046	-0.0091	0.0530	0.0061	-0.0010	0.0419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1344	-0.0151	-0.0458	0.2850	0.0085	-0.0004	0.0978	0.0275	9.52	79.59%	11.96	-0.1724	-0.0192	-0.0559	0.3560	0.0126	-0.0005	0.1206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1051	-0.0467	-0.1094	0.2345	0.0090	-0.0032	-0.0209	2.4041	[redacted]			-0.1340	-0.0594	-0.1338	0.2861	0.0130	-0.0040	-0.0321	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0025	-0.0007	-0.0052	0.0380	0.0052	0.0000	0.0348	0.0133	1.06	36.27%	2.93	-0.0031	-0.0009	-0.0065	0.0464	0.0070	0.0000	0.0429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0123	-0.0495	-0.0796	0.0469	0.0055	-0.0037	-0.0927	0.0165	9.77	81.67%	11.96	-0.0146	-0.0611	-0.0975	0.0582	0.0084	-0.0047	-0.1113	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023												2024												2025											
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.39	0.0000	0.0000	-0.0069	0.1088	0.0207	-0.0016	0.1210	0.0005	2.36	99.02%	2.39	0.0000	0.0000	-0.0084	0.1327	0.0251	-0.0020	0.1474	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.0006	-0.0013	-0.0124	0.0500	0.1524	0.0000	0.1881	0.0000	2.95	8.97%	32.93	-0.0006	-0.0013	-0.0145	0.0696	0.1518	0.0000	0.2050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.98	-0.0147	-0.0004	-0.0033	0.0179	0.0039	0.0000	0.0034	0.0000	0.93	95.42%	0.98	-0.0189	-0.0005	-0.0040	0.0215	0.0058	0.0000	0.0039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.88	-0.0037	-0.0085	-0.0110	0.0020	0.0096	0.0014	-0.0102	0.3955	1.53	26.00%	5.88	-0.0045	-0.0108	-0.0136	0.0026	0.0118	0.0015	-0.0130	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.2293	-0.1859	-0.2524	0.2242	0.0267	-0.0119	-0.4286	10.1496	[redacted]			-0.2460	-0.2042	-0.3066	0.2812	0.0385	-0.0189	-0.4560	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0490	-0.0715	-0.1120	0.0615	0.0093	-0.0030	-0.1647	0.0225	8.70	72.76%	11.96	-0.0656	-0.0909	-0.1367	0.0762	0.0133	-0.0037	-0.2074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.41	-0.0672	-0.0421	-0.0738	0.1621	0.0073	-0.0009	-0.0146	0.0166	9.05	79.34%	11.41	-0.0860	-0.0535	-0.0905	0.1984	0.0112	-0.0014	-0.0218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0096	-0.0070	-0.0171	0.0117	0.0104	-0.0011	-0.0127	0.0060	6.12	51.15%	11.96	-0.0117	-0.0089	-0.0207	0.0146	0.0135	-0.0016	-0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0258	-0.0235	-0.0787	0.2030	0.0102	-0.0029	0.0823	0.0156	11.45	95.78%	11.96	-0.0323	-0.0298	-0.0966	0.2456	0.0145	-0.0036	0.0978	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0251	-0.0492	-0.1359	0.0851	0.0042	-0.0055	-0.1264	0.0041	9.65	80.72%	11.96	-0.0323	-0.0625	-0.1654	0.1029	0.0061	-0.0069	-0.1581	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0026	-0.0156	-0.0215	0.0167	0.0014	-0.0003	-0.0219	0.0019	[redacted]			-0.0032	-0.0198	-0.0261	0.0204	0.0019	-0.0003	-0.0271	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.26	-0.0978	-0.0456	-0.0895	0.0887	0.0096	-0.0061	-0.1407	0.0000	10.57	93.82%	11.26	-0.1254	-0.0593	-0.1086	0.1108	0.0144	-0.0076	-0.1757	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0416	-0.0280	-0.0684	0.1909	0.0083	-0.0009	0.0603	0.0055	[redacted]			-0.0514	-0.0356	-0.0837	0.2329	0.0123	-0.0011	0.0734	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.28	-0.0442	-0.0640	-0.1444	0.1875	0.0093	-0.0028	-0.0586	0.0000	10.07	97.90%	10.28	-0.0629	-0.0899	-0.1693	0.2210	0.0154	-0.0030	-0.0887	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0204	-0.0955	-0.1096	0.0299	0.0047	-0.0010	-0.1919	0.0001	5.82	48.68%	11.96	-0.0249	-0.1202	-0.1321	0.0372	0.0063	-0.0009	-0.2346	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0563	-0.0863	-0.0682	0.0258	0.0073	-0.0011	-0.1788	2.0382	8.57	71.63%	11.96	-0.0676	-0.1081	-0.0816	0.0322	0.0103	-0.0014	-0.2162	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0083	-0.0710	-0.1061	0.1682	0.0061	-0.0069	-0.0180	0.7374	8.44	52.15%	16.18	-0.0089	-0.0771	-0.1287	0.2171	0.0089	-0.0106	0.0007	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	-0.0037	0.0000	-0.0029	0.0301	0.0059	0.0000	0.0294	0.0003	0.57	28.80%	1.98	-0.0037	0.0000	-0.0032	0.0406	0.0091	0.0000	0.0428	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0004	0.0008	0.0001	-0.0002	0.0003	0.0004	[redacted]			0.0000	0.0000	-0.0005	0.0010	0.0001	-0.0002	0.0004	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0952	-0.0296	-0.0584	0.0283	0.0040	0.0026	-0.1483	2.6785	[redacted]			-0.1207	-0.0377	-0.0711	0.0355	0.0066	0.0030	-0.1844	1.57	2.28	2.37	2.30	2.24	[redacted]				
2.71	0.0000	0.0000	-0.0073	0.0675	0.0103	-0.0011	0.0694	0.0000	1.28	47.09%	2.71	0.0000	0.0000	-0.0090	0.0823	0.0132	-0.0014	0.0851	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0925	-0.0094	-0.0575	0.1631	0.0101	-0.0074	0.0064	0.0032	10.96	91.69%	11.96	-0.1083	-0.0114	-0.0704	0.1961	0.0156	-0.0100	0.0116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1834	-0.0259	-0.0613	0.0531	0.0071	-0.0026	-0.2130	0.1657	11.67	97.58%	11.96	-0.1985	-0.0278	-0.0748	0.0668	0.0112	-0.0065	-0.2296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.00	0.0000	0.0000	-0.0065	0.0371	0.0153	-0.0047	0.0412	0.0035	2.73	54.54%	5.00	0.0000	0.0000	-0.0079	0.0454	0.0186	-0.0049	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0045	-0.0302	-0.0847	0.0336	0.0031	0.0000	-0.0827	0.0032	[redacted]			-0.0056	-0.0385	-0.1038	0.0404	0.0031	0.0000	-0.1044	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1237	-0.0301	-0.0651	0.0528	0.0085	-0.0001	-0.1577	0.0224	10.54	88.18%	11.96	-0.1437	-0.0360	-0.0799	0.0654	0.0135	-0.0002	-0.1809	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0166	-0.0004	-0.0091	0.0632	0.0055	0.0000	0.0426	0.0019	2.34	83.54%	2.80	-0.0210	-0.0005	-0.0112	0.0773	0.0082	0.0000	0.0528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0152	-0.0255	-0.0479	0.0603	0.0050	-0.0045	-0.0278	0.0028	7.41	61.93%	11.96	-0.0191	-0.0315	-0.0582	0.0733	0.0080	-0.0050	-0.0325	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.0134	0.0000	-0.2159	0.2792	0.0317	-0.0286	0.0530	0.6366	32.64	99.10%	32.93	-0.0171	0.0000	-0.2651	0.3386	0.0424	-0.0391	0.0597	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0085	-0.0075	-0.0150	0.0492	0.0047	-0.0025	0.0204	0.0000	2.52	90.04%	2.80	-0.0112	-0.0095	-0.0184	0.0592	0.0066	-0.0031	0.0236	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0199	-0.0035	-0.0481	0.0651	0.0107	-0.0063	-0.0020	0.1175	8.56	71.57%	11.96	-0.0199	-0.0035	-0.0562	0.0779	0.0166	-0.0073	0.0076	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0062	-0.0074	-0.0363	0.0522	0.0050	-0.0033	0.0040	0.0113	3.46	41.42%	8.35	-0.0076	-0.0094	-0.0434	0.0627	0.0076	-0.0042	0.0057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0227	-0.0958	-0.1206	0.0867	0.0062	-0.0077	-0.1539	0.0004	8.00	66.91%	11.96	-0.0282	-0.1216	-0.1461	0.1109	0.0097	-0.0098	-0.1851	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0161	-0.0052	-0.0136	0.0083	0.0035	0.0000	-0.0231	0.0000	2.21	78.80%	2.80	-0.0195	-0.0066	-0.0166	0.0103	0.0052	0.0000	-0.0272	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0041	-0.0851	-0.1319	0.0667	0.0028	-0.0002	-0.1518	0.9060	9.24	57.11%	16.18	-0.0052	-0.1107	-0.1622	0.0821	0.0041	-0.0001	-0.1920	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0228	-0.0846	-0.1175	0.1051	0.0049	-0.0027	-0.1176	0.1776	8.22	68.75%	11.96	-0.0287	-0.1075	-0.1439	0.1302	0.0076	-0.0034	-0.1457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0685	-0.0209	-0.0582	0.1134	0.0069	-0.0010	-0.0283	0.0021	7.29	60.98%	11.96	-0.0885	-0.0265	-0.0706	0.1387	0.0103	-0.0011	-0.0377	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0018	-0.0255	-0.0353	0.0323	0.0022	-0.0004	-0.0285	1.6883	6.49	40.11%	16.18	-0.0022	-0.0327	-0.0439	0.0401	0.0035	-0.0005	-0.0357	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0139	-0.0172	-0.0696	0.1855	0.0446	-0.0092	0.1202	7.3208	14.29	88.34%	16.18	-0.0276	-0.0351	-0.0970	0.2212	0.0530	-0.0101	0.1044	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0400	-0.0285	-0.0689	0.0835	0.0089	-0.0037	-0.0487	0.0278	9.30	77.77%	11.96	-0.0523	-0.0362	-0.0845	0.1016	0.0136	-0.0046	-0.0624	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0386	-0.0596	-0.0932	0.0225	0.0053	-0.0034	-0.1670	0.0217	7.60	72.84%	10.43	-0.0481	-0.0759	-0.1116	0.0284	0.0075	-0.0042	-0.2039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.46	-0.0027	0.0000	-0.0024	0.0390	0.0061	0.0000	0.0400	0.0006	0.79	53.74%	1.46	-0.0032	0.0000	-0.0030	0.0476	0.0085	0.0000	0.0499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0092	-0.0612	-0.0647	0.0512	0.0015	-0.0002	-0.0826	0.0146	[redacted]			-0.0112	-0.0771	-0.0773	0.0676	0.0015	-0.0001	-0.0966	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0937	-0.0379	-0.0672	0.1317	0.0081	-0.0003	-0.0593	0.0032	9.52	79.62%	11.96	-0.1198	-0.0479	-0.0801	0.1669	0.0138	-0.0004	-0.0675	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0353	-0.0085	-0.0420	0.0580	0.0181	-0.0008	-0.0105	0.0254	9.94	83.15%	11.96	-0.0449	-0.0108	-0.0519	0.0700	0.0254	-0.0010	-0.0132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0026	0.0488	0.0114	0.0001	0.0577	0.0003	1.02	42.75%	2.39	0.0000	0.0000	-0.0032	0.0604	0.0143	0.0001	0.0716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0278	-0.0178	-0.0697	0.1201	0.0090	-0.0025	0.0113	0.0172	8.13	68.01%	11.96	-0.0304	-0.0198	-0.0852	0.1467	0.0138	-0.0039	0.0212	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0081	-0.0727	-0.1448	0.0444	0.0038	-0.0020	-0.1794	0.0064	8.70	72.75%	11.96	-0.0111	-0.1006	-0.1684	0.0525	0.0061	-0.0021	-0.2236	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0276	-0.0218	-0.0622	0.0194	0.0076	-0.0024	-0.0870	0.0000	8.83	73.89%	11.96	-0.0310	-0.0243	-0.0759	0.0240	0.0115	-0.0037	-0.0994	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0124	-0.0448	-0.0785	0.0456	0.0029	-0.0028	-0.0900	0.0026	9.00	80.86%	11.13	-0.0125	-0.0452	-0.0933	0.0572	0.0043	-0.0033	-0.0928	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0577	-0.0078	-0.0483	0.0323	0.0187	-0.0008	-0.0636	0.0202	9.87	82.51%	11.96	-0.0724	-0.0099	-0.0597	0.0395	0.0274	-0.0009	-0.0760	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1342	-0.0138	-0.0703	0.1301	0.0135	-0.0016	-0.0763	0.0000	11.03	92.26%	11.96	-0.1765	-0.0175	-0.0870	0.1568	0.0199	-0.0020	-0.1063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.23	-0.0006	-0.0046	-0.0096	0.0124	0.0036	-0.0004	0.0008	0.0000	1.39	62.32%	2.23	-0.0008	-0.0062	-0.0118	0.0148	0.0049	-0.0005	0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.61	-0.0073	-0.0109	-0.0179	0.0294	0.0020	-0.0013	-0.0060	0.0000	1.58	98.35%	1.61	-0.0095	-0.0138	-0.0220	0.0364	0.0030	-0.0016	-0.0075	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0850	-0.0031	-0.0306	0.2080	0.0107	-0.0025	0.0975	2.4949	11.04	92.36%	11.96	-0.0949	-0.0035	-0.0371	0.2555	0.0163	-0.0053	0.1310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0043	-0.0498	-0.0901	0.0161	0.0017	-0.0079	-0.1343	0.0000	[redacted]			-0.0053	-0.0633	-0.1108	0.0197	0.0025	-0.0093	-0.1665	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0069	-0.0012	-0.0074	0.0184	0.0040	-0.0004	0.0065	0.0017	1.41	48.30%	2.93	-0.0086	-0.0015	-0.0091	0.0221	0.0061	-0.0005	0.0085	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0816	-0.0228	-0.0670	0.0648	0.0061	-0.0027	-0.1032	0.1141	10.00	83.65%	11.96	-0.1107	-0.0304	-0.0819	0.0787	0.0091	-0.0032	-0.1384	1.61	1.63	1.61	1.59	1.54	18.99%	19.27%	19.03%	18.79%	18.20%
11.96	-0.0713	-0.0684	-0.0888	0.0775	0.0090	-0.0034	-0.1454	2.6789	10.15	84.91%	11.96	-0.0807	-0.0800	-0.1082	0.0963	0.0135	-0.0048	-0.1639	0.00	0.93	1.33	1.59	1.57	0.00%	7.75%	11.08%	13.25%	13.08%
3.91	-0.0001	-0.0003	-0.0048	0.0039	0.0017	-0.0004	0.0000	0.0000	1.09	27.92%	3.91	-0.0001	-0.0003	-0.0059	0.0047	0.0025	-0.0005	0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0561	-0.2007	-0.1592	0.0759	0.0040	-0.0022	-0.3383	0.1267	[redacted]			-0.0675	-0.2539	-0.1921	0.1022	0.0058	-0.0029	-0.4084	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0132	-0.0760	-0.1070	0.0785	0.0058	-0.0003	-0.1122	0.0064	7.84	65.60%	11.96	-0.0162	-0.0961	-0.1300	0.0985	0.0077	-0.0002	-0.1363	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.53	-0.0048	-0.0798	-0.1084	0.0549	0.0039	-0.0004	-0.1346	0.0000	7.60	48.91%	15.53	-0.0061	-0.1015	-0.1301	0.0680	0.0062	-0.0005	-0.1640	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	0.0000	0.0000	-0.0039	0.0234	0.0242	-0.0022	0.0415	0.0202	1.35	16.12%	8.35	0.0000	0.0000	-0.0048	0.0283	0.0305	-0.0028	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0318	-0.0527	-0.0743	0.0860	0.0036	-0.0010	-0.0702	1.8282	7.68	64.24%	11.96	-0.0390	-0.0671	-0.0875	0.1094	0.0053	-0.0013	-0.0802	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.02	-0.0249	-0.0024	-0.0053	0.0132	0.0016	-0.0004	-0.0182	0.0020	0.66	64.62%	1.02	-0.0304	-0.0031	-0.0065	0.0159	0.0023	-0.0005	-0.0223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0722	-0.0282	-0.0551	0.2285	0.0060	-0.0008	0.0782	5.7963	6.37	53.31%	11.96	-0.0835	-0.0333	-0.0675	0.2858	0.0094	-0.0009	0.1100	0.00	0.00	0.00	0.00	1.91	0.00%	0.00%	0.00%	0.00%	19.69%
14.15	-0.0144	-0.0986	-0.1188	0.1566	0.0069	-0.0023	-0.0706	0.0000	13.01	91.95%	14.15	-0.0177	-0.1242	-0.1441	0.1962	0.0102	-0.0027	-0.0823	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0382	-0.0428	-0.0403	0.0262	0.0043	-0.0050	-0.0958	0.0039	5.12	42.81%	11.96	-0.0463	-0.0543	-0.0490	0.0319	0.0067	-0.0060	-0.1170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0060	-0.0018	-0.0025	0.0053	0.0027	0.0000	-0.0023	0.0011	[redacted]			-0.0060	-0.0018	-0.0029	0.0068	0.0034	0.0000	-0.0005	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0057	-0.0060	-0.0096	0.0293	0.0046	0.0000	0.0126	0.0004	1.50	62.99%	2.39	-0.0073	-0.0076	-0.0120	0.0358	0.0062	0.0000	0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0243	-0.0278	-0.1117	0.3044	0.0087	-0.0017	0.1476	0.0071	14.08	87.05%	16.18	-0.0298	-0.0353	-0.1357	0.3665	0.0135	-0.0021	0.1771	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0696	-0.0848	-0.1151	0.0849	0.0044	-0.0086	-0.1888	1.4233	11.25	94.12%	11.96	-0.0904	-0.1077	-0.1412	0.1077	0.0069	-0.0107	-0.2354	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0046	-0.0123	-0.0801	0.0487	0.0065	-0.0029	-0.0447	0.0000	5.35	51.29%	10.43	-0.0046	-0.0123	-0.0931	0.0681	0.0088	-0.0033	-0.0364	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0290	-0.0150	-0.0543	0.1436	0.0086	-0.0013	0.0526	0.0104	9.58	80.10%	11.96	-0.0367	-0.0190	-0.0667	0.1752	0.0131	-0.0016	0.0643	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0905	-0.0647	-0.1005	0.0965	0.0047	-0.0032	-0.1577	0.9291	15.17	93.81%	16.18	-0.1157	-0.0812	-0.1218	0.1220	0.0071	-0.0041	-0.1937	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.68	-0.0062	-0.0277	-0.0335	0.0049	0.0041	-0.0004	-0.0588	0.0021	3.19	23.29%	13.68	-0.0079	-0.0352	-0.0406	0.0063	0.0055	-0.0005	-0.0724	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0117	-0.1416	-0.1471	0.1208	0.0147	-0.0094	-0.1743	0.0268	12.37	76.49%	16.18	-0.0149	-0.1825	-0.1785	0.1488	0.0212	-0.0117	-0.2176	0.41	0.59	0.59	1.18	1.18	3.33%	4.87%	4.88%	10.31%	10.34%
[redacted]	-0.0183	-0.0733	-0.1014	0.0710	0.0046	-0.0011	-0.1185	0.0058	[redacted]			-0.0228	-0.0956	-0.1231	0.0908	0.0070	-0.0013	-0.1450	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	-0.0045	-0.0018	-0.0115	0.0525	0.0048	0.0000	0.0395	0.0000	2.54	90.70%	2.80	-0.0052	-0.0022	-0.0140	0.0652	0.0074	0.0000	0.0512	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0242	-0.0317	-0.0471	0.0467	0.0046	-0.0025	-0.0542	0.0020	4.93	41.23%	11.96	-0.0327	-0.0435	-0.0577	0.0560	0.0073	-0.0029	-0.0735	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0334	-0.0039	-0.0333	0.1724	0.0072	-0.0066	0.1024	0.0258	6.19	59.36%	10.43	-0.0451	-0.0053	-0.0403	0.2058	0.0112	-0.0070	0.1193	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0228	-0.0374	-0.0909	0.3803	0.0075	-0.0043	0.2324	1.4310	[redacted]			-0.0255	-0.0420	-0.1103	0.4721	0.0109	-0.0061	0.2991	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0419	-0.0183	-0.0403	0.0580	0.0060	-0.0020	-0.0385	0.0037	6.87	57.43%	11.96	-0.0517	-0.0218	-0.0498	0.0720	0.0095	-0.0026	-0.0444	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0296	-0.0464	-0.0820	0.0405	0.0070	-0.0016	-0.1121	0.0000	9.97	83.42%	11.96	-0.0371	-0.0618	-0.0999	0.0503	0.0108	-0.0019	-0.1396	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0070	-0.0004	-0.0067	0.0138	0.0040	0.0000	0.0037	0.0000	1.34	56.26%	2.39	-0.0094	-0.0005	-0.0082	0.0166	0.0062	0.0000	0.0047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0513	-0.0425	-0.0655	0.1642	0.0066	0.0005	0.0120	0.0014	[redacted]			-0.0636	-0.0534	-0.0769	0.2070	0.0106	0.0005	0.0242	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0103	-0.1184	-0.1942	0.0235	0.0023	-0.0056	-0.3027	0.0000	[redacted]			-0.0130	-0.1515	-0.2376	0.0316	0.0036	-0.0069	-0.3738	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0590	-0.1153	-0.1230	0.1463	0.0132	-0.0004	-0.1382	0.0000	[redacted]			-0.0730	-0.1465	-0.1491	0.1812	0.0210	-0.0005	-0.1669	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.06	-0.0096	-0.1236	-0.1659	0.1942	0.0104	-0.0057	-0.1002	0.8508	6.66	66.21%	10.06	-0.0120	-0.1589	-0.2017	0.2342	0.0147	-0.0068	-0.1305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0270	-0.0073	-0.0112	0.0215	0.0042	-0.0028	-0.0226	7.8166	11.11	92.89%	11.96	-0.0354	-0.0098	-0.0133	0.0261	0.0065	-0.0030	-0.0289	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.67	-0.0037	-0.0007	-0.0096	0.0502	0.0040	-0.0003	0.0399	0.0027	1.11	66.35%	1.67	-0.0037	-0.0007	-0.0109	0.0607	0.0069	-0.0006	0.0517	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0554	-0.0506	-0.0764	0.1557	0.0183	-0.0015	-0.0099	0.0167	9.31	77.85%	11.96	-0.0742	-0.0665	-0.0937	0.1932	0.0258	-0.0018	-0.0172	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0197	-0.1409	-0.1396	0.0655	0.0037	-0.0006	-0.2316	0.6956	[redacted]			-0.0245	-0.1776	-0.1649	0.0817	0.0050	-0.0004	-0.2807	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1703	-0.0033	-0.0378	0.5029	0.0109	-0.0004	0.3020	0.0001	10.97	91.73%	11.96	-0.2185	-0.0042	-0.0464	0.6046	0.0167	-0.0005	0.3517	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0282	-0.0557	-0.0947	0.0361	0.0088	-0.0051	-0.1388	0.0354	10.78	90.18%	11.96	-0.0360	-0.0707	-0.1157	0.0452	0.0130	-0.0062	-0.1704	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0178	-0.0780	-0.0619	0.0482	0.0042	-0.0026	-0.1079	3.0998	[redacted]			-0.0220	-0.0994	-0.0753	0.0598	0.0063	-0.0034	-0.1340	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0055	-0.0621	-0.0838	0.0851	0.0091	0.0003	-0.0569	0.5480	7.19	50.90%	14.12	-0.0067	-0.0786	-0.1023	0.1058	0.0120	0.0003	-0.0695	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0056	-0.0023	-0.0502	0.0706	0.0132	-0.0057	0.0200	0.0000	9.24	83.03%	11.13	-0.0061	-0.0025	-0.0603	0.0863	0.0178	-0.0078	0.0274	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0429	-0.0131	-0.0441	0.1668	0.0066	-0.0001	0.0732	0.0026	10.02	61.92%	16.18	-0.0539	-0.0169	-0.0534	0.2035	0.0105	-0.0001	0.0897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0393	-0.0050	-0.0341	0.1878	0.0090	0.0000	0.1184	0.0002	8.85	73.98%	11.96	-0.0476	-0.0062	-0.0416	0.2282	0.0137	0.0000	0.1465	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0008	-0.0012	-0.0042	0.0004	0.0014	0.0000	-0.0044	0.0000	[redacted]			-0.0009	-0.0014	-0.0052	0.0005	0.0017	0.0000	-0.0053	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0398	-0.0057	-0.0247	0.2330	0.0033	-0.0042	0.1619	0.0010	[redacted]			-0.0537	-0.0080	-0.0300	0.2832	0.0048	-0.0045	0.1918	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0372	-0.0023	-0.0313	0.0739	0.0087	-0.0008	0.0110	0.0066	8.57	71.67%	11.96	-0.0478	-0.0029	-0.0384	0.0888	0.0129	-0.0010	0.0116	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0325	-0.0060	-0.0496	0.2615	0.0112	-0.0046	0.1800	0.0000	9.06	75.76%	11.96	-0.0494	-0.0088	-0.0616	0.3101	0.0162	-0.0047	0.2018	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.30	-0.0021	-0.0004	-0.0066	0.0616	0.0055	-0.0007	0.0573	0.0008	1.09	47.63%	2.30	-0.0037	-0.0007	-0.0079	0.0704	0.0087	-0.0007	0.0661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0097	-0.0159	-0.0832	0.1088	0.0082	-0.0096	-0.0014	3.1624	13.91	85.97%	16.18	-0.0128	-0.0202	-0.1021	0.1309	0.0116	-0.0122	-0.0048	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0389	-0.0859	-0.1195	0.0503	0.0039	-0.0009	-0.1910	0.7091	8.95	74.86%	11.96	-0.0451	-0.1033	-0.1463	0.0622	0.0062	-0.0012	-0.2275	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0090	-0.0157	-0.0224	0.0597	0.0051	-0.0006	0.0171	0.0102	2.17	90.83%	2.39	-0.0097	-0.0169	-0.0268	0.0777	0.0088	-0.0015	0.0316	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0179	-0.0004	-0.0081	0.0375	0.0064	0.0000	0.0175	0.0003	2.42	82.77%	2.93	-0.0218	-0.0005	-0.0099	0.0466	0.0098	0.0000	0.0242	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.1004	-0.0090	-0.0444	0.1090	0.0150	-0.0005	-0.0303	7.3727	7.82	74.97%	10.43	-0.1260	-0.0114	-0.0534	0.1315	0.0233	-0.0006	-0.0366	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	0.0000	0.0000	-0.0532	0.0312	0.0466	-0.0121	0.0125	0.0044	7.85	75.22%	10.43	0.0000	0.0000	-0.0650	0.0397	0.0608	-0.0149	0.0206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.44	-0.0094	-0.0012	-0.0113	0.1210	0.0067	0.0000	0.1058	0.0256	1.95	79.93%	2.44	-0.0117	-0.0015	-0.0142	0.1477	0.0091	0.0000	0.1294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0451	-0.0120	-0.0484	0.2054	0.0130	-0.0008	0.1121	0.0029	9.85	82.38%	11.96	-0.0575	-0.0152	-0.0582	0.2472	0.0206	-0.0010	0.1359	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0088	-0.0025	-0.0136	0.0274	0.0032	-0.0066	-0.0009	0.0024	2.13	30.57%	6.96	-0.0108	-0.0032	-0.0165	0.0328	0.0045	-0.0080	-0.0012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0181	-0.0695	-0.0905	0.0530	0.0043	-0.0011	-0.1219	0.1490	[redacted]			-0.0227	-0.0905	-0.1065	0.0642	0.0073	-0.0012	-0.1494	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0018	-0.0021	-0.0209	0.0555	0.0922	-0.0001	0.1228	0.0010	[redacted]			-0.0022	-0.0027	-0.0245	0.0696	0.0917	-0.0001	0.1318	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0642	-0.0418	-0.0727	0.1123	0.0083	-0.0038	-0.0619	0.0000	10.68	89.31%	11.96	-0.0856	-0.0531	-0.0893	0.1371	0.0121	-0.0047	-0.0835	0.63	0.98	0.98	0.98	0.98	6.26%	10.08%	10.08%	10.08%	10.08%
2.39	0.0000	0.0000	-0.0059	0.1333	0.0126	-0.0018	0.1382	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1058	-0.0339	-0.0679	0.2444	0.0079	-0.0003	0.0444	1.1667	11.39	95.28%	11.96	-0.1349	-0.0431	-0.0827	0.3013	0.0119	-0.0004	0.0521	0.34	0.42	0.42	0.45	0.45	56.67%	70.00%	70.00%	75.00%	75.00%
11.96	-0.0715	-0.0052	-0.0409	0.1921	0.0162	0.0012	0.0919	0.0000	10.38	86.84%	11.96	-0.0897	-0.0067	-0.0501	0.2363	0.0208	0.0014	0.1120	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0943	-0.0140	-0.0521	0.0951	0.0120	0.0000	-0.0533	0.0000	11.20	93.70%	11.96	-0.1163	-0.0178	-0.0636	0.1159	0.0185	0.0000	-0.0633	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0808	-0.0437	-0.0787	0.3120	0.0077	-0.0020	0.1145	0.0053	13.50	83.48%	16.18	-0.1059	-0.0555	-0.0961	0.3820	0.0114	-0.0023	0.1336	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0505	-0.0081	-0.0170	0.1572	0.0084	0.0000	0.0900	0.0002	9.97	83.35%	11.96	-0.0644	-0.0103	-0.0208	0.1924	0.0120	0.0000	0.1089	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	0.0000	0.0000	-0.0122	0.0908	0.0463	-0.0058	0.1191	0.0856	3.27	62.67%	5.22	0.0000	0.0000	-0.0149	0.1097	0.0594	-0.0069	0.1473	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.67	-0.0780	-0.1047	-0.1150	0.1745	0.0068	-0.0031	-0.1195	0.0082	9.28	86.95%	10.67	-0.0904	-0.1207	-0.1411	0.2225	0.0100	-0.0042	-0.1239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0166	-0.0910	-0.1973	0.1314	0.0054	-0.0001	-0.1682	0.0384	10.14	84.77%	11.96	-0.0224	-0.1223	-0.2384	0.1578	0.0074	0.0000	-0.2179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0245	-0.0471	-0.1273	0.1208	0.0088	-0.0007	-0.0700	0.0000	8.93	74.69%	11.96	-0.0272	-0.0514	-0.1549	0.1517	0.0128	-0.0016	-0.0706	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1649	-0.0333	-0.0651	0.0757	0.0115	-0.0008	-0.1769	2.6619	10.08	84.34%	11.96	-0.2057	-0.0420	-0.0801	0.0927	0.0177	-0.0009	-0.2183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.1130	-0.0622	-0.0943	0.3111	0.0087	-0.0008	0.0495	0.0036	11.52	81.60%	14.12	-0.1385	-0.0791	-0.1155	0.3937	0.0121	-0.0012	0.0715	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0306	-0.0560	-0.0852	0.0499	0.0043	-0.0026	-0.1202	0.7455	10.33	86.37%	11.96	-0.0402	-0.0711	-0.1051	0.0621	0.0065	-0.0033	-0.1511	1.78	1.78	1.78	1.78	1.78	296.67%	296.67%	296.67%	296.67%	296.67%
[redacted]	-0.0276	-0.1118	-0.1503	0.0647	0.0115	-0.0044	-0.2179	0.2178	[redacted]			-0.0361	-0.1425	-0.1824	0.0809	0.0158	-0.0055	-0.2698	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0705	-0.0620	-0.1004	0.1504	0.0086	-0.0033	-0.0772	0.0290	9.66	80.81%	11.96	-0.0846	-0.0732	-0.1228	0.1876	0.0132	-0.0043	-0.0841	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0522	-0.0662	0.0029	0.0056	0.0004	-0.1115	2.1502	[redacted]			-0.0025	-0.0669	-0.0784	0.0036	0.0088	0.0005	-0.1349	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0140	-0.1346	-0.1257	0.0634	0.0072	-0.0015	-0.2052	0.0000	8.46	70.73%	11.96	-0.0177	-0.1713	-0.1524	0.0820	0.0102	-0.0018	-0.2510	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025													
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Thomas		0.0001	2.58	88.02%	2.93	-0.0022	-0.0024	-0.0051	0.0090	0.0006	-0.0007	-0.0008	0.0019	2.58	88.11%	2.93	-0.0040	-0.0047	-0.0100	0.0183	0.0014	-0.0013	-0.0003	0.0022	2.58	88.13%	2.93	-0.0060	-0.0071	-0.0149	0.0272	0.0028	-0.0019	0.0001	0.0056	2.59	88.25%
Thompsen		0.0002	[redacted]			-0.0041	-0.0302	-0.0340	0.0073	0.0003	0.0002	-0.0605	0.0027	[redacted]			-0.0081	-0.0553	-0.0612	0.0175	0.0007	0.0002	-0.1062	0.0031	[redacted]			-0.0119	-0.0823	-0.0881	0.0302	0.0013	0.0002	-0.1506	0.0043	[redacted]	
Thor		0.1433	[redacted]			-0.0157	-0.0211	-0.0343	0.0248	0.0008	-0.0011	-0.0466	0.1475	[redacted]			-0.0276	-0.0393	-0.0661	0.0513	0.0021	-0.0021	-0.0817	0.1493	[redacted]			-0.0410	-0.0588	-0.0979	0.0771	0.0040	-0.0030	-0.1196	0.1536	[redacted]	
Thornburg		0.0003	7.75	75.51%	10.26	-0.0060	-0.0024	-0.0196	0.0154	0.0008	-0.0018	-0.0136	0.0051	9.26	90.22%	10.26	-0.0154	-0.0069	-0.0354	0.0294	0.0018	-0.0032	-0.0297	0.0074	9.24	90.06%	10.26	-0.0262	-0.0117	-0.0512	0.0427	0.0034	-0.0047	-0.0477	0.0127	9.23	89.91%
Thornton		0.0002	9.96	83.34%	11.96	-0.0280	-0.0022	-0.0114	0.0089	0.0016	-0.0001	-0.0312	0.0035	9.94	83.14%	11.96	-0.0506	-0.0040	-0.0244	0.0190	0.0039	-0.0002	-0.0563	0.0049	9.92	82.93%	11.96	-0.0746	-0.0060	-0.0376	0.0296	0.0079	-0.0003	-0.0810	0.0081	9.89	82.74%
Thoroughbred	GNA_2023_19	0.0004	11.50	96.16%	11.96	-0.0739	-0.0011	-0.0107	0.0396	0.0013	0.0000	-0.0448	0.0053	10.90	91.17%	11.96	-0.1100	-0.0018	-0.0224	0.0920	0.0041	-0.0001	-0.0382	0.0072	10.91	91.23%	11.96	-0.1467	-0.0025	-0.0336	0.1415	0.0077	-0.0002	-0.0338	0.0809	10.99	91.93%
Thorpe		0.0000	[redacted]			-0.0054	-0.0217	-0.0440	0.0192	0.0007	-0.0002	-0.0514	0.0000	[redacted]			-0.0101	-0.0399	-0.0773	0.0401	0.0017	-0.0005	-0.0860	0.0003	[redacted]			-0.0150	-0.0595	-0.1080	0.0609	0.0034	-0.0007	-0.1189	0.0009	[redacted]	
Thresher	GNA_2023_329	0.0005	12.63	105.63%	11.96	-0.0487	-0.0070	-0.0158	0.0269	0.0011	0.0000	-0.0435	0.0083	12.61	105.44%	11.96	-0.0856	-0.0133	-0.0309	0.0556	0.0032	-0.0001	-0.0711	0.0120	12.58	105.22%	11.96	-0.1231	-0.0200	-0.0451	0.0837	0.0059	-0.0002	-0.0988	0.0205	12.56	105.05%
Thunderbolt		0.0003	8.04	67.26%	11.96	-0.0076	-0.0146	-0.0253	0.0058	0.0003	-0.0008	-0.0422	0.0050	8.01	67.01%	11.96	-0.0138	-0.0272	-0.0478	0.0141	0.0010	-0.0015	-0.0752	0.0073	7.98	66.75%	11.96	-0.0203	-0.0407	-0.0696	0.0247	0.0020	-0.0023	-0.1062	0.0127	7.96	66.54%
Tichenor		0.6311	10.42	64.43%	16.18	-0.0027	-0.0326	-0.0494	0.0417	0.0011	-0.0002	-0.0421	0.8029	10.58	65.43%	16.18	-0.0055	-0.0603	-0.0866	0.0938	0.0020	-0.0004	-0.0570	0.8640	11.23	69.42%	16.18	-0.0083	-0.0901	-0.1213	0.1329	0.0032	-0.0006	-0.0842	0.9218	11.25	69.57%
Ticket		0.0002	[redacted]			-0.0075	-0.0034	-0.0068	0.0325	0.0037	0.0005	0.0190	0.0027	[redacted]			-0.0147	-0.0066	-0.0160	0.0630	0.0058	0.0008	0.0323	0.0039	[redacted]			-0.0226	-0.0100	-0.0252	0.0941	0.0080	0.0011	0.0454	0.0067	[redacted]	
Tico		0.0000	10.76	76.19%	14.12	-0.0136	-0.0039	-0.0129	0.0408	0.0010	-0.0007	0.0107	0.0000	10.79	76.43%	14.12	-0.0227	-0.0064	-0.0259	0.0953	0.0028	-0.0014	0.0417	0.0009	10.82	76.66%	14.12	-0.0318	-0.0090	-0.0391	0.1485	0.0056	-0.0021	0.0721	0.0027	10.85	76.83%
Tide		0.0001	2.10	71.80%	2.93	-0.0036	-0.0005	-0.0021	0.0152	0.0005	-0.0002	0.0093	0.0010	2.12	72.25%	2.93	-0.0063	-0.0010	-0.0043	0.0311	0.0015	-0.0003	0.0207	0.0014	2.13	72.66%	2.93	-0.0095	-0.0015	-0.0065	0.0462	0.0030	-0.0004	0.0313	0.0024	2.14	73.06%
Tienda		0.0000	9.47	79.19%	11.96	-0.0057	-0.0153	-0.0204	0.0185	0.0008	-0.0020	-0.0241	0.0000	9.45	79.03%	11.96	-0.0104	-0.0295	-0.0396	0.0388	0.0020	-0.0038	-0.0425	0.0000	9.43	78.86%	11.96	-0.0154	-0.0445	-0.0587	0.0593	0.0038	-0.0055	-0.0610	0.0000	9.42	78.77%
Tierra Bonita	GNA_2023_174	0.0000	[redacted]			-0.0013	-0.0003	-0.0005	0.0022	0.0001	0.0000	0.0002	0.0007	[redacted]			-0.0026	-0.0005	-0.0010	0.0047	0.0003	0.0000	0.0009	0.0010	[redacted]			-0.0039	-0.0007	-0.0016	0.0073	0.0006	0.0000	0.0017	0.0017	[redacted]	
Tiger		0.0001	9.00	75.29%	11.96	-0.0131	-0.0218	-0.0339	0.0201	0.0009	-0.0001	-0.0479	0.9424	9.96	83.32%	11.96	-0.0237	-0.0406	-0.0618	0.0419	0.0025	-0.0001	-0.0818	0.9443	9.93	83.01%	11.96	-0.0363	-0.0607	-0.0903	0.0637	0.0052	-0.0002	-0.1186	0.9474	9.89	82.70%
Tigercat		1.2783	10.68	89.29%	11.96	-0.0376	-0.0043	-0.0086	0.0266	0.0004	-0.0003	-0.0238	1.2836	10.67	89.24%	11.96	-0.0660	-0.0086	-0.0177	0.0553	0.0024	-0.0005	-0.0351	1.2861	8.74	73.09%	11.96	-0.0968	-0.0131	-0.0269	0.0821	0.0052	-0.0007	-0.0502	1.3189	8.77	73.38%
Tigris	GNA_2023_273	0.0000	[redacted]			-0.0079	-0.0209	-0.0320	0.0132	0.0007	-0.0003	-0.0472	0.0000	[redacted]			-0.0142	-0.0383	-0.0571	0.0277	0.0015	-0.0006	-0.0810	0.0000	[redacted]			-0.0215	-0.0570	-0.0836	0.0409	0.0028	-0.0009	-0.1193	0.2040	[redacted]	
Tilden		0.0002	[redacted]			-0.0011	-0.0290	-0.0421	0.0024	0.0008	-0.0001	-0.0691	0.0037	[redacted]			-0.0022	-0.0526	-0.0781	0.0064	0.0019	-0.0002	-0.1248	0.0054	[redacted]			-0.0032	-0.0781	-0.1137	0.0119	0.0034	-0.0003	-0.1800	0.0093	[redacted]	
Tile		1.1428	10.43	87.25%	11.96	-0.0094	-0.0196	-0.0286	0.0258	0.0008	-0.0016	-0.0326	1.4278	10.72	89.64%	11.96	-0.0174	-0.0371	-0.0542	0.0534	0.0021	-0.0030	-0.0562	1.5344	10.81	90.40%	11.96	-0.0254	-0.0558	-0.0795	0.0804	0.0040	-0.0043	-0.0806	1.6885	10.94	91.52%
Timber Canyon		0.0002	5.62	49.75%	11.29	-0.0111	-0.0060	-0.0118	0.0233	0.0009	-0.0006	-0.0053	0.0027	5.63	49.88%	11.29	-0.0136	-0.0072	-0.0235	0.0480	0.0032	-0.0014	0.0055	0.0039	5.65	50.01%	11.29	-0.0162	-0.0085	-0.0355	0.0730	0.0067	-0.0023	0.0172	0.0069	5.66	50.15%
Timco		0.0001	3.04	58.22%	5.22	-0.0001	0.0000	-0.0049	0.0029	0.0012	-0.0015	-0.0024	0.0017	3.04	58.17%	5.22	-0.0002	0.0000	-0.0099	0.0062	0.0026	-0.0051	-0.0064	0.0024	3.03	58.12%	5.22	-0.0003	0.0000	-0.0150	0.0098	0.0040	-0.0086	-0.0101	0.0037	3.03	58.09%
Times		0.0000	1.57	53.63%	2.93	-0.0007	0.0000	-0.0012	0.0146	0.0003	-0.0001	0.0129	0.0000	1.91	65.07%	2.93	-0.0013	0.0000	-0.0026	0.0298	0.0010	-0.0002	0.0267	0.0000	1.92	65.56%	2.93	-0.0019	0.0000	-0.0040	0.0442	0.0020	-0.0003	0.0400	0.0000	1.93	66.02%
Timpani		0.0000	6.55	54.75%	11.96	-0.0108	-0.0068	-0.0129	0.0704	0.0006	-0.0001	0.0404	0.0000	6.62	55.40%	11.96	-0.0180	-0.0109	-0.0253	0.1637	0.0029	-0.0004	0.1120	0.0003	6.67	55.82%	11.96	-0.0293	-0.0174	-0.0376	0.2378	0.0051	-0.0005	0.1581	0.0015	6.72	56.22%
Tin		0.0000	8.24	68.88%	11.96	-0.0265	-0.0049	-0.0116	0.0467	0.0011	-0.0001	0.0047	0.0000	8.26	69.06%	11.96	-0.0478	-0.0090	-0.0223	0.1012	0.0024	-0.0002	0.0243	0.0000	8.28	69.26%	11.96	-0.0714	-0.0134	-0.0335	0.1600	0.0046	-0.0003	0.0460	0.0000	8.31	69.47%
Tin Mine		0.0004	6.17	59.16%	10.43	-0.0187	-0.0017	-0.0066	0.0570	0.0008	-0.0002	0.0306	0.0111	6.22	59.65%	10.43	-0.0349	-0.0031	-0.0132	0.1169	0.0017	-0.0005	0.0669	0.0147	6.27	60.06%	10.43	-0.0509	-0.0046	-0.0200	0.1742	0.0038	-0.0007	0.1018	0.1198	6.42	61.49%
Tinker		0.0000	5.16	43.14%	11.96	0.0000	0.0000	-0.0106	0.0825	0.0031	-0.0021	0.0729	0.0000	5.27	44.07%	11.96	0.0000	0.0000	-0.0182	0.1928	0.0088	-0.0025	0.1809	0.0000	5.38	45.01%	11.96	0.0000	0.0000	-0.0254	0.3045	0.0144	-0.0029	0.2906	0.0000	5.49	45.93%
Tipperary		0.0000	3.11	29.52%	10.54	-0.0029	-0.0039	-0.0061	0.0067	0.0018	0.0000	-0.0044	0.0002	3.11	29.50%	10.54	-0.0052	-0.0073	-0.0112	0.0139	0.0040	0.0000	-0.0058	0.0003	3.11	29.49%	10.54	-0.0076	-0.0110	-0.0161	0.0211	0.0066	0.0000	-0.0070	0.0004	3.11	29.48%
Tips	GNA_2023_300	1.2421	9.22	57.03%	16.18	-0.0007	-0.0041	-0.0217	0.0232	0.0003	-0.0013	-0.0043	2.4425	11.84	73.21%	16.18	-0.0021	-0.0112	-0.0414	0.0444	0.0006	-0.0019	-0.0116	4.2426	12.19	75.35%	16.18	-0.0035	-0.0188	-0.0608	0.0645	0.0011	-0.0025	-0.0200	6.9398	10.24	63.31%
Tiros		0.0000	8.36	51.66%	16.18	-0.0075	-0.0145	-0.0177	0.0317	0.0027	0.0007	-0.0046	0.0001	8.36	51.66%	16.18	-0.0160	-0.0286	-0.0347	0.0663	0.0049	0.0026	-0.0055	0.0004	12.85	79.43%	16.18	-0.0245	-0.0437	-0.0516	0.1052	0.0076	0.0045	-0.0025	0.0341	12.89	79.67%
Titan		0.0002	[redacted]			-0.0327	-0.0047	-0.0091	0.0136	0.0011	0.0064	-0.0254	0.0036	[redacted]			-0.0624	-0.0087	-0.0204	0.0299	0.0022	0.0078	-0.0516	0.0052	[redacted]			-0.0932	-0.0130	-0.0316	0.0477	0.0035	0.0091	-0.0775	0.0089	[redacted]	
Titanium		1.6333	[redacted]			0.0000	0.0000	-0.0132	0.0232	0.0016	-0.0007	0.0109	1.6785	[redacted]			0.0000	0.0000	-0.0241	0.0580	0.0038	-0.0012	0.0365	1.7045	[redacted]			0.0000	0.0000	-0.0344	0.1081	0.0058	-0.0017	0.0778	1.7052	[redacted]	
Tittle		0.0001	8.27	69.16%	11.96	-0.0074	-0.0042	-0.0300	0.0670	0.0016	-0.0019	0.0251	0.0001	8.31	69.49%	11.96	-0.0135	-0.0079	-0.0526	0.1369	0.0036	-0.0045	0.0620	0.0001	8.34	69.79%	11.96	-0.0205	-0.0118	-0.0755	0.2033	0.0068	-0.0072	0.0951	0.0001	8.37	70.04%
Titus		0.6529	[redacted]			-0.0084	-0.0212	-0.0263	0.0213	0.0005	0.0000	-0.0341	0.6583	[redacted]			-0.0153	-0.0385	-0.0506	0.0443	0.0016	0.0000	-0.0585	0.6606	[redacted]			-0.0225	-0.0572	-0.0750	0.0673	0.0031	0.0000	-0.0843	0.6614	[redacted]	
Tivo		0.0000	3.93	27.81%	14.12	-0.0008	-0.0130	-0.0442	0.0169	0.0004	-0.0001	-0.0408	0.0000	3.90	27.63%	14.12	-0.0016	-0.0236	-0.0766	0.0345	0.0012	-0.0001	-0.0662	0.0000	3.87	27.44%	14.12	-0.0024	-0.0350	-0.1078	0.0512	0.0023	-0.0001	-0.0918	0.0000	3.85	27.25%
Tizzard		0.0000	[redacted]			0.0000	-0.0002	-0.0021	0.0016	0.0026	0.0000	0.0019	0.0003	[redacted]			0.0000	-0.0004	-0.0037	0.0033	0.0053	0.0000	0.0045	0.0005	[redacted]			-0.0003	-0.0026	-0.0056	0.0057	0.0064	0.0000	0.0036	0.0009	[redacted]	
Tlsmith		0.0002	[redacted]			-0.0072	-0.0103	-0.0181	0.0078	0.0003	-0.0010	-0.0285	0.0024	[redacted]			-0.0137	-0.0191	-0.0331	0.0165	0.0010	-0.0019	-0.0503	0.0032	[redacted]			-0.0203	-0.0285	-0.0479	0.0253	0.0021	-0.0028	-0.0721	0.0039	[redacted]	
Toblerone		2.0450	9.93	83.08%	11.96	-0.0086	-0.0115	-0.0281	0.0443	0.0010	-0.0005	-0.0034	2.0450	9.94	83.17%	11.96	-0.0152	-0.0214	-0.0492	0.0929	0.0022	-0.0009	0.0084	2.0462	9.95	83.24%	11.96	-0.0226	-0.0320	-0.0707	0.1379	0.0041	-0.0013	0.0154	2.0490	9.96	83.29%
Toga		0.0000	11.31	69.90%	16.18	-0.0206	-0.0048	-0.0166	0.0832	0.0008	-0.0001	0.0419	0.0000	11.37	70.30%	16.18	-0.0350	-0.0089	-0.0321	0.1743	0.0018	-0.0002	0.0999	0.0000	11.44	70.69%	16.18	-0.0506	-0.0133	-0.0468	0.2659	0.0031	-0.0003	0.1580	0.0000	11.49	71.05%
Tokay		0.0000	10.06	84.14%	11.96	-0.0215	-0.0087	-0.0165	0.0220	0.0010	-0.0006	-0.0243	0.0000	10.04	83.98%	11.96	-0.0384	-0.0166	-0.0334	0.0455	0.0026	-0.0011	-0.0414	0.0000	10.02	83.81%	11.96	-0.0573	-0.0250	-0.0504	0.0683	0.0050	-0.0016	-0.0610	0.0000	10.00	83.62%
Tola		0.0001	12.53	90.61%	13.82	-0.0333	-0.0089	-0.0184	0.1009	0.0023	-0.0006	0.0420	0.0012	12.59	91.09%	13.82	-0.0584	-0.0168	-0.0385	0.2102	0.0060	-0.0012	0.1013	0.0022	12.65	91.53%	13.82	-0.0875	-0.0253	-0.0588	0.3186	0.0114	-0.0017	0.1567	0.0035	12.71	91.92%
Tolar	GNA_2023_293	0.3948	8.43	70.48%	11.96	-0.0112	-0.0225	-0.0432	0.0156	0.0002	0.0000	-0.0611	0.8709	8.89	74.34%	11.96	-0.0227	-0.0466	-0.0703	0.0301	0.0007	0.0004	-0.1084	1.0288	9.02	75.41%	11.96	-0.0327	-0.0669	-0.0990	0.0488	0.0011	0.0004	-0.1483	1.1421	9.08	75.95%
Toledo		0.0000	1.85	63.28%	2.93	-0.0014	-0.0041	-0.0054	0.0088	0.0008	0.0000	-0.0013	0.0000	1.86	63.34%	2.93	-0.0025	-0.0079	-0.0093	0.0183	0.0017	0.0001	0.0004	0.0000	1.86	63.41%	2.93	-0.0037	-0.0119	-0.0130	0.0279	0.0027	0.0002	0.0022	0.0000	0.00	0.00%
Toll		0.0070	[redacted]			-0.0118	-0.0012	-0.0012	0.0012	0.0001	0.0000	-0.0129	0.0090	[redacted]			-0.0217	-0.0021	-0.0022	0.0028	0.0004	-0.0001	-0.0229	0.0096	[redacted]			-0.0226	-0.0022	-0.0030	0.0046	0.0010	-0.0002	-0.0224	0.0104	[redacted]	
Tollhouse		0.0000	[redacted]			-0.0002	-0.0002	-0.0003	0.0000	0.0000	0.0000	-0.0007	0.0000	[redacted]			-0.0004	-0.0004	-0.0006	0.0001	0.0000	0.0000	-0.0013	0.0000	[redacted]			-0.0006	-0.0006	-0.0009	0.0002	0.0001	0.0000	-0.0018	0.0000	[redacted]	
Toltec		0.0000	8.88	74.30%	11.96	-0.0102	-0.0285	-0.0279	0.0063	0.0004	-0.0017	-0.0616	0.0001	8.83	73.85%	11.96	-0.0200	-0.0544	-0.0506	0.0140	0.0015	-0.0031	-0.1126	0.0002	8.78	73.41%	11.96	-0.0294	-0.0821	-0.0721	0.0227	0.0032	-0.0045	-0.1622	0.0003	8.73	72.99%
Tolton		0.0001	8.40	70.28%	11.96	-0.0032	-0.0221	-0.0313	0.0054	0.0001	-0.0005	-0.0516	0.0008	8.36	69.91%	11.96	-0.0064	-0.0408	-0.0562	0.0113	0.0005	-0.0009	-0.0925	0.0010	8.31	69.54%	11.96	-0.0094	-0.0609	-0.0794	0.0171	0.0010	-0.0013	-0.1329	0.0069	8.28	69.23%
Tomahawk		1.4140	9.70	92.98%	10.43	-0.0040	-0.0188	-0.0275	0.0241	0.0003	-0.0003	-0.0262	1.4176	9.71	93.07%	10.43	-0.0075	-0.0352	-0.0498	0.0713	0.0009	-0.0009	-0.0212	1.4192	9.72	93.11%	10.43	-0.0112	-0.0527	-0.0719	0.1167	0.0021	-0.0016	-0.0186	1.4232	9.74	93.31%
Tomcat		0.0004	11.14	93.14%	11.96	-0.0139	-0.0028	-0.0191	0.0097	0.0007	-0.0001	-0.0255	0.0062	11.37	95.13%	11.96	-0.0281	-0.0060	-0.0378	0.0199	0.0021	-0.0002	-0.0501	0.0085	11.35	94.94%	11.96	-0.0433	-0.0095	-0.0561	0.0317	0.0039	-0.0002	-0.0735	0.0114	11.33	94.77%
Tommy		1.1061	11.80	98.68%	11.96	-0.0241	-0.0071	-0.0179	0.0353	0.0009	-0.0003	-0.0132	1.1071	11.80	98.66%	11.96	-0.0422	-0.0133	-0.0357	0.0731	0.0023	-0.0006	-0.0164	1.1078	11.79	98.61%	11.96	-0.0633	-0.0199	-0.0535	0.1101	0.0044	-0.0009	-0.0231	1.1089	11.78	98.53%
Ton		0.0126	8.43	70.54%	11.96	-0.0212	-0.0141	-0.0232	0.0108	0.0002	-0.0006	-0.0481	0.0168	8.40	70.24%	11.96	-0.0392	-0.0265	-0.0433	0.0223	0.0014	-0.0011	-0.0864	0.0178	8.36	69.91%	11.96	-0.0569	-0.0397	-0.0628	0.0334	0.0030	-0.0016	-0.1246	0.0184	8.32	69.58%
Tonic		0.0002	[redacted]			0.0000	0.0000	-0.0148	0.0083	0.0011	0.0001	-0.0053	0.0033	[redacted]			0.0000	0.0000	-0.0259	0.0290	0.0020	0.0002	0.0053	0.0045	[redacted]			0.0000	0.0000	-0.0355	0.0629	0.0034	0.0003	0.0311	0.0060	[redacted]	
Tonner		0.0002	9.52	79.60%	11.96	-0.0141	-0.0110	-0.0187	0.0365	0.0009	-0.0008	-0.0072	0.0018	9.52	79.60%	11.96	-0.0271	-0.0209	-0.0363	0.0752	0.0024	-0.0016	-0.0083	0.0024	9.52	79.59%	11.96	-0.0406	-0.0314	-0.0537	0.1128	0.0047	-0.0023	-0.0105	0.0030	9.51	79.56%
Tonto		0.0003	8.55	71.53%	11.96	-0.0389	-0.0008	-0.0092	0.0319	0.0016	-0.0005	-0.0159	0.0041	8.57	71.68%	11.96	-0.0524	-0.0011	-0.0209	0.0701	0.0039	-0.0035	-0.0039	0.0056	8.58	71.78%	11.96	-0.0672	-0.0014	-0.0327	0.1065	0.0069	-0.0065	0.0056	0.0075	8.59	71.85%
Tool		0.0001	[redacted]			-0.0036	-0.0295	-0.0405	0.0133	0.0008	-0.0005	-0.0600	0.0010	[redacted]			-0.0067	-0.0540	-0.0737	0.0316	0.0019	-0.0009	-0.1018	0.0010	[redacted]			-0.0101	-0.0804	-0.1081	0.0522	0.0037	-0.0013	-0.1440	0.0010	[redacted]	
Topeka		0.0000	2.43	82.94%	2.93	-0.0052	-0.0004	-0.0022	0.0068	0.0008	0.0000	-0.0002	0.0000	2.44	83.21%	2.93	-0.0076	-0.0006	-0.0047	0.0179	0.0020	0.0000	0.0070	0.0000	2.44	83.46%	2.93	-0.0103	-0.0008	-0.0072	0.0284	0.0036	0.0000	0.0137	0.0000	2.45	83.51%
Topoc		0.0000	[redacted]			0.0000	0.0000	-0.0093	0.0119	0.0009	-0.0005	0.0030	0.0000	[redacted]			0.0000	0.0000	-0.0160	0.0245	0.0022	-0.0018	0.0089	0.0004	[redacted]			0.0000	0.0000	-0.0223	0.0372	0.0039	-0.0030	0.0158	0.0377	[redacted]	
Torchlight		0.0003	8.83	83.54%	10.57	-0.0125	-0.0078	-0.0108	0.0096	0.0022	0.0000	-0.0193	0.0044	8.81	83.42%	10.57	-0.0222	-0.0149	-0.0218	0.0204	0.0035	0.0000	-0.0350	0.0063	8.80	83.27%	10.57	-0.0335	-0.0224	-0.0330	0.0316	0.0058	0.0000	-0.0515	0.0108	8.79	83.17%
Torino		0.0000	[redacted]			-0.0119	-0.0040	-0.0265	0.0542	0.0010	-0.0018	0.0110	0.0000	[redacted]			-0.0211	-0.0075	-0.0490	0.1112	0.0031	-0.0039	0.0328	0.0000	[redacted]			-0.0318	-0.0112	-0.0713	0.1659	0.0063	-0.0062	0.0517	0.0000	[redacted]	
Tornado		0.0000	8.96	74.96%	11.96	-0.0293	-0.0017	-0.0103	0.0590	0.0009	-0.0001	0.0185	0.0000	8.99	75.21%	11.96	-0.0530	-0.0031	-0.0218	0.1216	0.0024	-0.0002	0.0459	0.0000	9.02	75.42%	11.96	-0.0793	-0.0046	-0.0335	0.1823	0.0046	-0.0003	0.0692	0.0001	9.04	75.62%
Toronto		0.0394	2.98	43.76%	6.80	-0.0085	-0.0031	-0.0057	0.0105	0.0007	-0.0004	-0.0065	0.0475	3.56	52.37%	6.80	-0.0136	-0.0048	-0.0112	0.0246	0.0019	-0.0008	-0.0039	0.0506	3.57	52.47%	6.80	-0.0185	-0.0066	-0.0167	0.0386	0.0040	-0.0012	-0.0004	0.0565	3.58	52.63%
Torpedo	GNA_2023_205	0.0004	11.47	95.94%	11.96	-0.0092	-0.0110	-0.0258	0.0369	0.0011	-0.0003	-0.0083	0.0072	11.48	96.04%	11.96	-0.0165	-0.0200	-0.0516	0.0818	0.0029	-0.0005	-0.0039	0.0105	11.49	96.14%	11.96	-0.0248	-0.0297	-0.0778	0.1315	0.0055	-0.0007	0.0040	0.0188	11.52	96.31%
Torrent		0.0001	10.52	88.00%	11.96	-0.0253	-0.0010	-0.0068	0.0510	0.0009	-0.0001	0.0187	0.0021	10.58	88.45%	11.96	-0.0389	-0.0016	-0.0147	0.1185	0.0024	-0.0002	0.0655	0.0030	10.62	88.85%	11.96	-0.0538	-0.0022	-0.0228	0.1825	0.0051	-0.0003	0.1085	0.0051	10.67	89.23%
Torro Peak		0.0000	30.14	91.51%	32.93	-0.0466	0.0000	-0.0305	0.0326	0.0006	-0.0007	-0.0446	0.0000	30.10	91.40%	32.93	-0.0894	0.0000	-0.0604	0.0695	0.0038	-0.0012	-0.0777	0.0000	30.07	91.31%	32.93	-0.1315	0.0000	-0.0901	0.1081	0.0082	-0.0018	-0.1071	0.0000	30.05	91.23%
Torson		0.0001	[redacted]			-0.0021	-0.0403	-0.0608	0.0234	0.0003	0.0000	-0.0795	0.0029	[redacted]			-0.0043	-0.0734	-0.1092	0.0528	0.0009	0.0000	-0.1332	0.0048	[redacted]			-0.0065	-0.1091	-0.1586	0.0747	0.0020	0.0000	-0.1975	0.4618	[redacted]	
Tortuga	GNA_2023_124	0.6657	9.68	80.96%	11.96	-0.0292	-0.0204	-0.0315	0.0112	0.0007	-0.0006	-0.0698	0.8555	9.83	82.18%	11.96	-0.0532	-0.0379	-0.0571	0.0232	0.0021	-0.0011	-0.1240	0.9221	9.84	82.29%	11.96	-0.0768	-0.0567	-0.0817	0.0352	0.0041	-0.0016	-0.1775	0.9651	9.83	82.20%
Touchdown		0.2257	[redacted]			-0.0055	-0.0174	-0.0328	0.0243	0.0005	-0.0003	-0.0312	0.2878	[redacted]			-0.0110	-0.0323	-0.0569	0.0505	0.0015	-0.0006	-0.0488	0.3100	[redacted]			-0.0167	-0.0483	-0.0812	0.0765	0.0030	-0.0009	-0.0676	0.4208	[redacted]	
Tourmaline		0.0000	2.08	74.36%	2.80	0.0000	0.0000	-0.0018	0.0315	0.0044	-0.0003	0.0338	0.0003	2.12	75.72%	2.80	0.0000	0.0000	-0.0037	0.0642	0.0100	-0.0009	0.0696	0.0004	2.16	77.06%	2.80	0.0000	0.0000	-0.0055	0.0953	0.0164	-0.0015	0.1047	0.0007	2.19	78.26%
Tourney		0.0000	[redacted]			-0.0129	-0.0166	-0.0237	0.0254	0.0009	-0.0007	-0.0276	0.0000	[redacted]			-0.0236	-0.0308	-0.0459	0.0527	0.0023	-0.0013	-0.0466	0.0000	[redacted]			-0.0350	-0.0461	-0.0669	0.0797	0.0041	-0.0019	-0.0661	0.0000	[redacted]	
Tower		0.0000	1.62	67.32%	2.40	-0.0021	-0.0002	-0.0015	0.0048	0.0013	0.0000	0.0023	0.0000	1.62	67.47%	2.40	-0.0037	-0.0004	-0.0030	0.0098	0.0030	0.0000	0.0057	0.0000	1.62	67.62%	2.40	-0.0055	-0.0006	-0.0045	0.0146	0.0050	0.0000	0.0090	0.0000	1.63	67.76%
Townhall	GNA_2023_136	78.2399	[redacted]			-0.1299	-0.0751	-0.0657	0.0247	0.0055	0.0002	-0.2403	85.5203	[redacted]			-0.2495	-0.1326	-0.1240	0.0534	0.0138	-0.0001	-0.4390	85.5612	[redacted]			-0.3681	-0.1968	-0.1808	0.0842	0.0242	-0.0005	-0.6378	85.6261	[redacted]	
Townsgate		0.0004	10.34	63.94%	16.18	-0.0148	-0.0035	-0.0125	0.0471	0.0005	-0.0003	0.0165	0.0073	10.38	64.14%	16.18	-0.0270	-0.0067	-0.0249	0.0972	0.0017	-0.0006	0.0397	0.0086	10.40	64.30%	16.18	-0.0406	-0.0101	-0.0356	0.1459	0.0038	-0.0009	0.0625	0.0086	10.42	64.44%
Township		0.0000	14.35	88.68%	16.18	-0.0170	-0.0092	-0.0239	0.0478	0.0007	-0.0007	-0.0023	0.0000	14.36	88.75%	16.18	-0.0302	-0.0174	-0.0459	0.0995	0.0025	-0.0014	0.0071	0.0003	14.37	88.82%	16.18	-0.0442	-0.0261	-0.0664	0.1507	0.0051	-0.0020	0.0171	0.0009	14.38	88.88%
Toyon		0.0000	1.11	9.24%	11.96	-0.0004	-0.0047	-0.0072	0.0068	0.0006	0.0000	-0.0049	0.0002	1.10	9.24%	11.96	-0.0008	-0.0088	-0.0120	0.0143	0.0013	0.0001	-0.0059	0.0003	1.10	9.22%	11.96	-0.0012	-0.0132	-0.0165	0.0209	0.0021	0.0002	-0.0077	0.0004	1.10	9.21%
Trabuco		0.0000	7.85	65.68%	11.96	-0.0022	-0.0005	-0.0058	0.0576	0.0008	-0.0005	0.0494	0.0000	7.88	65.93%	11.96	-0.0097	-0.0021	-0.0119	0.0995	0.0018	-0.0006	0.0770	0.0008	7.91	66.17%	11.96	-0.0176	-0.0038	-0.0180	0.1402	0.0031	-0.0007	0.1032	0.0026	7.96	66.58%
Track		0.0000	2.28	95.42%	2.39	-0.0008	-0.0004	-0.0017	0.0097	0.0005	-0.0001	0.0072	0.0000	2.29	95.79%	2.39	-0.0014	-0.0008	-0.0035	0.0198	0.0013	-0.0002	0.0152	0.0000	2.30	96.14%	2.39	-0.0021	-0.0012	-0.0053	0.0294	0.0024	-0.0003	0.0229	0.0000	2.30	96.48%
Tractor	GNA_2023_100	0.0001	6.16	51.50%	11.96	-0.0057	-0.0304	-0.0217	0.0233	0.0016	0.0004	-0.0325	0.0005	9.10	76.14%	11.96	-0.0106	-0.0554	-0.0424	0.0646	0.0036	0.0011	-0.0391	0.0005	9.09	76.05%	11.96	-0.0157	-0.0824	-0.0634	0.1045	0.0058	0.0018	-0.0494	0.0005	9.09	76.04%
Tradewind		4.3064	[redacted]			-0.0059	-0.0441	-0.0775	0.0738	0.0016	0.0001	-0.0520	4.3064	[redacted]			-0.0108	-0.0815	-0.1292	0.1543	0.0035	0.0001	-0.0636	4.3064	[redacted]			-0.0162	-0.1216	-0.1784	0.2355	0.0057	0.0001	-0.0749	4.3064	[redacted]	
Trailblazer		0.0003	8.29	69.29%	11.96	-0.0050	-0.0013	-0.0123	0.0063	0.0015	-0.0010	-0.0118	0.0028	8.28	69.24%	11.96	-0.0093	-0.0025	-0.0238	0.0130	0.0046	-0.0024	-0.0204	0.0041	8.27	69.18%	11.96	-0.0138	-0.0037	-0.0352	0.0195	0.0088	-0.0038	-0.0282	0.0060	8.27	69.14%
Train		0.0003	10.19	85.27%	11.96	-0.0121	-0.0037	-0.0153	0.0391	0.0009	-0.0005	0.0084	0.0031	10.21	85.42%	11.96	-0.0215	-0.0069	-0.0307	0.0800	0.0022	-0.0009	0.0222	0.0042	10.23	85.53%	11.96	-0.0320	-0.0103	-0.0462	0.1189	0.0043	-0.0013	0.0334	0.0056	10.23	85.53%
Tram		0.0003	[redacted]			-0.0391	-0.0150	-0.0198	0.0182	0.0005	-0.0005	-0.0557	0.0049	[redacted]			-0.0749	-0.0264	-0.0373	0.0381	0.0032	-0.0009	-0.0982	0.0070	[redacted]			-0.1097	-0.0389	-0.0544	0.0582	0.0073	-0.0015	-0.1390	0.0082	[redacted]	
Transit		0.0002	10.03	92.92%	10.79	-0.0031	-0.0233	-0.0565	0.0324	0.0017	-0.0015	-0.0503	0.0021	9.99	92.57%	10.79	-0.0077	-0.0556	-0.1029	0.0756	0.0042	-0.0026	-0.0890	0.0028	9.95	92.15%	10.79	-0.0126	-0.0904	-0.1483	0.1135	0.0073	-0.0037	-0.1342	0.0034	9.91	91.78%
Transplant		0.0000	2.61	89.24%	2.93	-0.0066	-0.0008	-0.0032	0.0423	0.0010	0.0000	0.0327	0.0004	2.65	90.58%	2.93	-0.0117	-0.0016	-0.0071	0.0873	0.0026	-0.0001	0.0694	0.0006	2.69	91.80%	2.93	-0.0176	-0.0024	-0.0119	0.1310	0.0040	-0.0001	0.1030	0.0011	2.72	92.93%
Trapp		0.0000	9.84	82.26%	11.96	-0.0124	-0.0078	-0.0247	0.0326	0.0013	-0.0003	-0.0113	0.0000	9.83	82.22%	11.96	-0.0222	-0.0145	-0.0492	0.0673	0.0033	-0.0006	-0.0159	0.0000	9.82	82.16%	11.96	-0.0330	-0.0217	-0.0737	0.1011	0.0066	-0.0009	-0.0216	0.0000	9.83	82.25%
Trapper		0.0003	[redacted]			-0.0110	-0.0301	-0.0437	0.0091	0.0009	0.0000	-0.0748	0.0031	[redacted]			-0.0196	-0.0549	-0.0801	0.0190	0.0023	0.0000	-0.1333	0.0042	[redacted]			-0.0300	-0.0816	-0.1171	0.0290	0.0046	0.0000	-0.1951	0.0056	[redacted]	
Trautwein		0.0000	8.22	68.79%	11.96	-0.0443	-0.0121	-0.0195	0.0626	0.0008	-0.0001	-0.0126	0.0000	8.23	68.82%	11.96	-0.0819	-0.0228	-0.0359	0.1292	0.0023	-0.0005	-0.0096	0.0000	10.43	87.23%	11.96	-0.1083	-0.0304	-0.0510	0.2077	0.0045	-0.0010	0.0215	0.0000	10.46	87.45%
Travis		0.0003	[redacted]			-0.0118	-0.0104	-0.0166	0.0119	0.0002	-0.0009	-0.0276	0.0033	[redacted]			-0.0229	-0.0196	-0.0313	0.0253	0.0013	-0.0017	-0.0489	0.0046	[redacted]			-0.0335	-0.0294	-0.0457	0.0393	0.0027	-0.0025	-0.0691	0.0068	[redacted]	
Tremaine		0.0000	1.93	90.49%	2.14	0.0000	0.0000	-0.0018	0.0156	0.0027	-0.0003	0.0162	0.0000	1.95	91.28%	2.14	0.0000	0.0000	-0.0036	0.0317	0.0047	-0.0005	0.0323	0.0000	1.97	92.13%	2.14	0.0000	0.0000	-0.0057	0.0489	0.0077	-0.0009	0.0500	0.0000	1.98	92.90%
Trestle		0.0003	9.48	79.31%	11.96	-0.0176	-0.0028	-0.0136	0.0401	0.0010	-0.0003	0.0068	0.0046	9.50	79.48%	11.96	-0.0309	-0.0053	-0.0287	0.0837	0.0025	-0.0006	0.0207	0.0064	9.52	79.58%	11.96	-0.0459	-0.0080	-0.0440	0.1241	0.0051	-0.0009	0.0304	0.0107	9.52	79.59%
Trevino		0.1051	29.69	90.14%	32.93	-0.0379	0.0000	-0.0429	0.0414	0.0022	-0.0014	-0.0386	1.1949	29.40	89.27%	32.93	-0.0713	0.0000	-0.0814	0.0844	0.0073	-0.0028	-0.0638	1.3529	29.54	89.70%	32.93	-0.1048	0.0000	-0.1188	0.1250	0.0133	-0.0042	-0.0895	1.3599	29.52	89.64%
Trey		0.0000	9.62	80.49%	11.96	-0.0064	-0.0042	-0.0150	0.0454	0.0009	-0.0005	0.0202	0.0000	9.65	80.74%	11.96	-0.0113	-0.0079	-0.0288	0.0947	0.0023	-0.0009	0.0481	0.0000	9.68	80.95%	11.96	-0.0168	-0.0119	-0.0426	0.1394	0.0044	-0.0013	0.0712	0.0000	9.74	81.46%
Tri City		0.0005	12.08	81.82%	14.76	-0.0142	-0.0175	-0.0311	0.0769	0.0003	-0.0019	0.0125	0.0078	12.12	82.08%	14.76	-0.0253	-0.0331	-0.0579	0.1591	0.0019	-0.0036	0.0411	0.0110	12.15	82.29%	14.76	-0.0380	-0.0497	-0.0840	0.2393	0.0041	-0.0054	0.0663	0.0187	12.18	82.49%
Triangle		0.0000	1.13	38.44%	2.93	-0.0002	-0.0025	-0.0021	0.0007	0.0000	0.0000	-0.0041	0.0000	1.12	38.31%	2.93	-0.0004	-0.0047	-0.0038	0.0015	0.0001	-0.0001	-0.0074	0.0000	1.12	38.19%	2.93	-0.0006	-0.0071	-0.0054	0.0023	0.0001	-0.0002	-0.0109	0.0000	1.11	38.05%
Tribal		0.0002	9.66	80.79%	11.96	-0.0249	-0.0112	-0.0245	0.0195	0.0003	-0.0001	-0.0409	0.0030	9.63	80.56%	11.96	-0.0476	-0.0205	-0.0467	0.0427	0.0019	-0.0001	-0.0703	0.0041	9.61	80.33%	11.96	-0.0696	-0.0305	-0.0685	0.0682	0.0041	-0.0002	-0.0965	0.0054	9.58	80.15%
Trident		0.1984	10.15	84.87%	11.96	-0.0148	-0.0138	-0.0231	0.0358	0.0006	-0.0007	-0.0160	0.2023	10.15	84.87%	11.96	-0.0262	-0.0258	-0.0440	0.0755	0.0016	-0.0013	-0.0202	0.2040	10.14	84.80%	11.96	-0.0390	-0.0387	-0.0647	0.1123	0.0030	-0.0019	-0.0290	0.2080	10.13	84.74%
Trigo		0.0002	[redacted]			-0.0004	-0.0315	-0.0453	0.0031	0.0009	0.0000	-0.0732	0.0006	[redacted]			-0.0007	-0.0573	-0.0909	0.0065	0.0018	0.0000	-0.1406	0.0006	[redacted]			-0.0008	-0.0670	-0.1320	0.0109	0.0029	-0.0002	-0.1862	0.0006	[redacted]	
Trimble		0.0000	2.22	75.70%	2.93	-0.0042	-0.0014	-0.0040	0.0179	0.0011	0.0001	0.0095	0.0003	2.23	76.17%	2.93	-0.0074	-0.0028	-0.0075	0.0373	0.0023	0.0003	0.0222	0.0004	2.24	76.64%	2.93	-0.0110	-0.0042	-0.0110	0.0569	0.0037	0.0005	0.0349	0.0007	2.27	77.59%
Trinidad		0.0000	10.25	85.75%	11.96	-0.0130	-0.0078	-0.0209	0.0497	0.0010	0.0000	0.0090	0.0000	10.27	85.91%	11.96	-0.0240	-0.0145	-0.0391	0.1025	0.0027	-0.0002	0.0274	0.0000	10.29	86.08%	11.96	-0.0356	-0.0216	-0.0560	0.1539	0.0050	-0.0004	0.0453	0.0000	10.31	86.21%
Trinity		0.0001	9.07	75.82%	11.96	-0.0208	-0.0017	-0.0083	0.0211	0.0013	-0.0001	-0.0085	0.0013	9.06	75.80%	11.96	-0.0377	-0.0033	-0.0176	0.0433	0.0034	-0.0002	-0.0121	0.0018	9.06	75.76%	11.96	-0.0547	-0.0050	-0.0271	0.0638	0.0067	-0.0003	-0.0166	0.0030	9.05	75.73%
Tripas		0.0002	6.59	55.10%	11.96	-0.0153	-0.0009	-0.0055	0.0486	0.0006	0.0000	0.0275	0.0002	6.62	55.40%	11.96	-0.0281	-0.0017	-0.0122	0.1006	0.0019	0.0000	0.0605	0.0002	6.66	55.69%	11.96	-0.0423	-0.0026	-0.0187	0.1516	0.0041	0.0000	0.0921	0.0002	6.69	55.95%
Triumph		0.7672	[redacted]			-0.0018	-0.0220	-0.0344	0.0169	0.0004	-0.0001	-0.0410	0.7698	[redacted]			-0.0038	-0.0434	-0.0631	0.0326	0.0013	-0.0005	-0.0769	0.7705	[redacted]			-0.0056	-0.0631	-0.0905	0.0521	0.0027	-0.0006	-0.1050	0.7710	[redacted]	
Triunfo		0.0002	5.32	37.72%	14.12	-0.0023	-0.0114	-0.0168	0.0202	0.0004	-0.0017	-0.0116	2.0614	7.59	53.75%	14.12	-0.0038	-0.0190	-0.0291	0.0472	0.0012	-0.0034	-0.0069	2.0626	7.59	53.79%	14.12	-0.0053	-0.0270	-0.0414	0.0733	0.0024	-0.0052	-0.0032	2.0636	7.60	53.81%
Trochu		0.0002	[redacted]			-0.0017	-0.0042	-0.0276	0.0296	0.0009	-0.0010	-0.0040	0.0014	[redacted]			-0.0050	-0.0124	-0.0520	0.0570	0.0022	-0.0015	-0.0117	0.0024	[redacted]			-0.0087	-0.0212	-0.0761	0.0828	0.0041	-0.0020	-0.0211	0.0401	[redacted]	
Trombone		0.0001	9.52	79.60%	11.96	-0.0217	-0.0034	-0.0101	0.0641	0.0008	0.0000	0.0297	0.0002	9.56	79.98%	11.96	-0.0396	-0.0065	-0.0191	0.1325	0.0034	0.0000	0.0707	0.0002	9.60	80.31%	11.96	-0.0595	-0.0098	-0.0297	0.2001	0.0062	0.0000	0.1073	0.0002	9.64	80.60%
Tropico		0.0003	11.40	95.32%	11.96	-0.0106	-0.0209	-0.0320	0.0082	0.0004	-0.0007	-0.0556	0.0023	11.35	94.94%	11.96	-0.0178	-0.0369	-0.0654	0.0208	0.0014	-0.0014	-0.0993	0.0031	11.31	94.56%	11.96	-0.0255	-0.0541	-0.0972	0.0349	0.0026	-0.0022	-0.1415	0.0041	11.26	94.19%
Trotter		0.0000	8.92	55.13%	16.18	-0.0038	-0.0047	-0.0081	0.0316	0.0014	-0.0003	0.0161	0.0000	8.94	55.26%	16.18	-0.0070	-0.0087	-0.0166	0.0653	0.0036	-0.0006	0.0360	0.0000	8.96	55.40%	16.18	-0.0104	-0.0131	-0.0251	0.0980	0.0068	-0.0009	0.0553	0.0000	8.99	55.58%
Trout		0.4744	[redacted]			0.0000	0.0000	-0.0247	0.0126	0.0128	-0.0035	-0.0028	1.0357	[redacted]			0.0000	0.0000	-0.0453	0.0265	0.0253	-0.0053	0.0012	2.1398	[redacted]			0.0000	0.0000	-0.0648	0.0407	0.0418	-0.0071	0.0106	2.4041	[redacted]	
Troy		0.0000	2.11	72.19%	2.93	-0.0014	-0.0031	-0.0065	0.0110	0.0005	-0.0007	-0.0002	0.0003	2.12	72.28%	2.93	-0.0026	-0.0059	-0.0120	0.0225	0.0013	-0.0013	0.0020	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%
Trublu		0.0000	2.79	95.23%	2.93	-0.0024	0.0000	-0.0022	0.0177	0.0005	0.0000	0.0136	0.0006	2.81	95.83%	2.93	-0.0043	0.0000	-0.0046	0.0362	0.0016	0.0000	0.0289	0.0009	2.82	96.40%	2.93	-0.0064	0.0000	-0.0071	0.0538	0.0032	0.0000	0.0435	0.0013	2.84	96.94%
Truck		0.0000	10.91	91.28%	11.96	-0.0091	-0.0137	-0.0172	0.0042	0.0006	-0.0004	-0.0356	0.0003	10.88	91.02%	11.96	-0.0161	-0.0255	-0.0334	0.0087	0.0019	-0.0007	-0.0651	0.0004	7.55	63.16%	11.96	-0.0234	-0.0382	-0.0497	0.0132	0.0035	-0.0010	-0.0956	0.0005	7.52	62.91%
Trumble		0.0000	[redacted]			-0.0020	0.0000	-0.0040	0.0105	0.0007	-0.0021	0.0031	0.0000	[redacted]			-0.0036	0.0000	-0.0084	0.0213	0.0019	-0.0043	0.0069	0.0000	[redacted]			-0.0053	0.0000	-0.0126	0.0315	0.0033	-0.0065	0.0104	0.2887	[redacted]	
Trump		0.0000	[redacted]			-0.0012	-0.0011	-0.0022	0.0206	0.0011	0.0023	0.0195	0.0001	[redacted]			-0.0023	-0.0020	-0.0041	0.0426	0.0023	0.0031	0.0396	0.0002	[redacted]			-0.0035	-0.0029	-0.0060	0.0652	0.0036	0.0039	0.0603	0.0004	[redacted]	
Trumpet		0.1024	15.87	98.12%	16.18	-0.0442	-0.0041	-0.0214	0.0595	0.0011	-0.0003	-0.0094	0.3406	16.14	99.79%	16.18	-0.0773	-0.0075	-0.0414	0.1233	0.0024	-0.0006	-0.0011	0.5457	12.83	79.29%	16.18	-0.1145	-0.0112	-0.0611	0.1859	0.0043	-0.0009	0.0025	0.6847	12.98	80.22%
Truss	GNA_2023_42	0.0000	2.88	98.19%	2.93	-0.0040	-0.0017	-0.0064	0.0248	0.0008	-0.0004	0.0131	0.0000	2.90	99.12%	2.93	-0.0040	-0.0017	-0.0094	0.0491	0.0058	-0.0010	0.0388	0.0000	2.37	81.07%	2.93	-0.0040	-0.0017	-0.0123	0.0729	0.0119	-0.0016	0.0652	0.0000	2.39	81.71%
Tsunami		0.0000	8.27	69.19%	11.96	-0.0241	-0.0032	-0.0092	0.0586	0.0009	-0.0002	0.0228	0.0000	8.31	69.47%	11.96	-0.0441	-0.0062	-0.0192	0.1208	0.0023	-0.0004	0.0532	0.0000	8.34	69.72%	11.96	-0.0657	-0.0094	-0.0293	0.1812	0.0044	-0.0006	0.0806	0.0445	8.44	70.55%
Tuba		0.0003	8.56	52.93%	16.18	-0.0167	-0.0042	-0.0104	0.0348	0.0005	-0.0001	0.0039	0.0046	8.59	53.07%	16.18	-0.0296	-0.0077	-0.0196	0.0761	0.0011	-0.0002	0.0201	0.0067	8.61	53.21%	16.18	-0.0439	-0.0115	-0.0292	0.1213	0.0021	-0.0003	0.0385	0.1328	8.77	54.20%
Tube		6.0462	13.00	80.39%	16.18	-0.0018	-0.0436	-0.0738	0.0038	0.0012	-0.0001	-0.1143	6.1454	13.02	80.48%	16.18	-0.0037	-0.0799	-0.1262	0.0083	0.0024	-0.0003	-0.1994	6.1802	12.97	80.15%	16.18	-0.0056	-0.1190	-0.1771	0.0132	0.0038	-0.0004	-0.2851	6.2349	12.93	79.93%
Tucker		0.0000	1.64	93.23%	1.76	-0.0020	-0.0001	-0.0016	0.0059	0.0006	0.0000	0.0028	0.0000	1.65	67.45%	2.44	-0.0036	-0.0002	-0.0034	0.0121	0.0015	0.0000	0.0064	0.0000	1.65	67.59%	2.44	-0.0055	-0.0003	-0.0053	0.0180	0.0028	0.0000	0.0097	0.0000	1.65	67.73%
Tudor		0.0002	7.92	66.25%	11.96	-0.0319	-0.0026	-0.0114	0.0106	0.0012	-0.0002	-0.0343	0.0025	7.91	66.16%	11.96	-0.0450	-0.0037	-0.0231	0.0235	0.0031	-0.0020	-0.0472	0.0035	7.90	66.05%	11.96	-0.0588	-0.0049	-0.0349	0.0362	0.0064	-0.0038	-0.0598	0.0056	7.85	65.67%
Tufa		0.0000	0.55	7.79%	7.06	0.0000	0.0000	-0.0005	0.0002	0.0012	-0.0011	-0.0002	0.0000	0.55	7.80%	7.06	0.0000	0.0000	-0.0010	0.0004	0.0023	-0.0013	0.0004	0.0000	0.55	7.82%	7.06	0.0000	0.0000	-0.0014	0.0006	0.0042	-0.0015	0.0019	0.0000	0.55	7.84%
Tuggle		0.0000	10.25	85.73%	11.96	-0.0087	-0.0088	-0.0227	0.0105	0.0007	-0.0005	-0.0295	0.0000	10.22	85.48%	11.96	-0.0187	-0.0195	-0.0433	0.0206	0.0034	-0.0007	-0.0582	0.0000	10.19	85.22%	11.96	-0.0292	-0.0310	-0.0630	0.0316	0.0055	-0.0008	-0.0869	0.0000	10.16	84.99%
Tuition		0.0000	7.22	60.41%	11.96	-0.0037	-0.0078	-0.0205	0.0233	0.0010	-0.0005	-0.0082	0.0000	7.22	60.39%	11.96	-0.0073	-0.0148	-0.0374	0.0475	0.0024	-0.0010	-0.0106	0.0000	7.22	60.37%	11.96	-0.0110	-0.0222	-0.0532	0.0705	0.0046	-0.0015	-0.0128	0.0000	7.22	60.38%
Tulane		0.0000	2.64	94.41%	2.80	-0.0045	-0.0012	-0.0039	0.0150	0.0005	-0.0003	0.0056	0.0000	2.65	94.73%	2.80	-0.0079	-0.0024	-0.0075	0.0306	0.0016	-0.0006	0.0138	0.0000	2.66	95.02%	2.80	-0.0119	-0.0037	-0.0111	0.0454	0.0033	-0.0009	0.0211	0.0001	2.67	95.25%
Tulip		0.0003	10.71	89.54%	11.96	0.0000	0.0000	-0.0132	0.0433	0.0031	-0.0009	0.0323	0.0047	10.75	89.89%	11.96	0.0000	0.0000	-0.0250	0.0879	0.0059	-0.0024	0.0664	0.0068	10.79	90.22%	11.96	0.0000	0.0000	-0.0365	0.1317	0.0095	-0.0037	0.1010	0.0116	10.82	90.51%
Tully		0.0001	5.01	41.91%	11.96	-0.0091	-0.0042	-0.0094	0.0419	0.0008	-0.0001	0.0199	0.7717	5.91	49.47%	11.96	-0.0141	-0.0064	-0.0200	0.0975	0.0022	-0.0002	0.0590	0.7717	5.96	49.82%	11.96	-0.0191	-0.0088	-0.0308	0.1514	0.0046	-0.0003	0.0970	0.7717	5.99	50.08%
Tulsa		0.6494	9.10	76.15%	11.96	-0.0146	-0.0113	-0.0356	0.0420	0.0014	-0.0009	-0.0190	0.8328	9.30	77.77%	11.96	-0.0269	-0.0211	-0.0615	0.0857	0.0031	-0.0017	-0.0224	0.9444	9.41	78.72%	11.96	-0.0406	-0.0316	-0.0876	0.1271	0.0057	-0.0025	-0.0295	1.1863	9.66	80.80%
Tuna		0.0002	5.10	36.12%	14.12	-0.0003	-0.0085	-0.0192	0.0045	0.0003	-0.0005	-0.0237	0.0027	5.09	36.02%	14.12	-0.0006	-0.0162	-0.0323	0.0094	0.0014	-0.0011	-0.0394	0.0039	5.07	35.92%	14.12	-0.0009	-0.0244	-0.0449	0.0143	0.0027	-0.0017	-0.0549	0.0066	5.05	35.80%
Tundra		0.0002	6.71	56.16%	11.96	-0.0017	-0.0011	-0.0106	0.0449	0.0008	-0.0005	0.0318	0.0038	6.76	56.50%	11.96	-0.0030	-0.0021	-0.0202	0.0915	0.0024	-0.0013	0.0673	0.0053	6.79	56.81%	11.96	-0.0044	-0.0031	-0.0298	0.1352	0.0048	-0.0021	0.1006	0.0090	6.82	57.04%
Tungsten		0.0000	[redacted]			-0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0004	[redacted]			-0.0002	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0006	[redacted]			-0.0003	0.0000	0.0000	0.0003	0.0000	0.0000	0.0000	0.0010	[redacted]	
Tunnel	GNA_2023_7	0.0000	[redacted]			-0.0313	-0.0182	-0.0368	0.0345	0.0007	-0.0002	-0.0513	0.0007	[redacted]			-0.0580	-0.0337	-0.0641	0.0945	0.0017	-0.0005	-0.0601	0.0010	[redacted]			-0.0864	-0.0504	-0.0894	0.1518	0.0029	-0.0008	-0.0723	0.5452	[redacted]	
Tupelo		0.7159	[redacted]			-0.0091	-0.0108	-0.0242	0.0278	0.0005	0.0000	-0.0158	0.7159	[redacted]			-0.0162	-0.0199	-0.0433	0.0572	0.0013	0.0000	-0.0209	0.7161	[redacted]			-0.0211	-0.0263	-0.0608	0.0919	0.0028	-0.0001	-0.0136	0.7173	[redacted]	
Turbine		0.9250	9.54	79.76%	11.96	-0.0286	-0.0110	-0.0235	0.0080	0.0011	-0.0005	-0.0545	0.9254	9.49	79.40%	11.96	-0.0512	-0.0207	-0.0415	0.0187	0.0022	-0.0013	-0.0938	0.9255	9.45	79.04%	11.96	-0.0769	-0.0310	-0.0594	0.0314	0.0042	-0.0021	-0.1338	0.9257	9.41	78.67%
Turf		0.0000	1.37	46.88%	2.93	-0.0007	-0.0018	-0.0029	0.0062	0.0005	-0.0002	0.0011	0.0007	1.38	47.00%	2.93	-0.0013	-0.0034	-0.0051	0.0128	0.0010	-0.0004	0.0036	0.0009	1.38	47.10%	2.93	-0.0019	-0.0051	-0.0074	0.0192	0.0019	-0.0006	0.0061	0.0010	1.38	47.19%
Turkey		0.0443	3.63	58.63%	6.20	-0.0045	-0.0007	-0.0056	0.0168	0.0007	-0.0012	0.0055	0.0745	3.67	59.27%	6.20	-0.0085	-0.0013	-0.0123	0.0352	0.0022	-0.0028	0.0125	0.0965	3.70	59.77%	6.20	-0.0125	-0.0019	-0.0190	0.0535	0.0038	-0.0043	0.0196	0.1091	3.72	60.10%
Turmeric		0.0003	11.47	95.93%	11.96	-0.0920	-0.0034	-0.0102	0.0183	0.0011	0.0001	-0.0861	0.0043	11.40	95.36%	11.96	-0.1661	-0.0064	-0.0215	0.0381	0.0036	0.0002	-0.1521	0.0060	11.32	94.69%	11.96	-0.2502	-0.0096	-0.0330	0.0578	0.0069	0.0003	-0.2278	0.0101	11.23	93.95%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.93	-0.0082	-0.0096	-0.0193	0.0351	0.0044	-0.0025	-0.0001	0.0144	2.59	88.56%	2.93	-0.0106	-0.0122	-0.0236	0.0422	0.0065	-0.0031	-0.0008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0154	-0.1110	-0.1163	0.0443	0.0022	0.0002	-0.1960	0.0082	[redacted]			-0.0186	-0.1413	-0.1451	0.0587	0.0033	0.0002	-0.2428	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0556	-0.0794	-0.1249	0.1009	0.0065	-0.0044	-0.1569	0.1638	[redacted]			-0.0718	-0.1010	-0.1514	0.1233	0.0097	-0.0054	-0.1966	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.26	-0.0383	-0.0167	-0.0660	0.0546	0.0054	-0.0061	-0.0671	0.0261	9.69	94.46%	10.26	-0.0521	-0.0219	-0.0807	0.0653	0.0079	-0.0075	-0.0890	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0997	-0.0081	-0.0486	0.0401	0.0123	-0.0005	-0.1045	0.0159	9.88	82.61%	11.96	-0.1249	-0.0103	-0.0594	0.0499	0.0185	-0.0007	-0.1269	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1832	-0.0032	-0.0440	0.1856	0.0134	-0.0003	-0.0317	0.4457	11.40	95.32%	11.96	-0.2184	-0.0040	-0.0541	0.2253	0.0207	-0.0004	-0.0309	1.31	1.10	1.10	1.13	1.28	218.80%	183.10%	183.10%	189.05%	212.85%
[redacted]	-0.0199	-0.0803	-0.1395	0.0805	0.0058	-0.0015	-0.1549	0.0030	[redacted]			-0.0250	-0.1039	-0.1691	0.0968	0.0084	-0.0017	-0.1945	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1605	-0.0270	-0.0588	0.1096	0.0105	-0.0003	-0.1265	0.0419	12.55	105.00%	11.96	-0.1966	-0.0343	-0.0721	0.1340	0.0159	-0.0004	-0.1535	1.07	1.07	1.02	1.02	0.98	9.25%	9.27%	8.82%	8.84%	8.47%
11.96	-0.0269	-0.0549	-0.0902	0.0363	0.0035	-0.0031	-0.1353	0.0265	7.94	66.40%	11.96	-0.0337	-0.0698	-0.1102	0.0481	0.0056	-0.0039	-0.1639	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0110	-0.1216	-0.1549	0.1649	0.0051	-0.0008	-0.1183	1.0267	11.35	70.14%	16.18	-0.0135	-0.1548	-0.1869	0.2145	0.0073	-0.0010	-0.1344	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0308	-0.0136	-0.0330	0.1242	0.0106	0.0014	0.0588	0.0139	[redacted]			-0.0395	-0.0174	-0.0406	0.1541	0.0135	0.0018	0.0719	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0442	-0.0129	-0.0520	0.1950	0.0096	-0.0027	0.0928	0.0073	10.87	77.02%	14.12	-0.0558	-0.0170	-0.0637	0.2395	0.0136	-0.0033	0.1133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0131	-0.0020	-0.0083	0.0597	0.0053	-0.0005	0.0411	0.0048	2.15	73.47%	2.93	-0.0173	-0.0025	-0.0100	0.0719	0.0083	-0.0006	0.0498	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0186	-0.0546	-0.0755	0.0809	0.0062	-0.0085	-0.0701	0.0000	9.40	78.60%	11.96	-0.0236	-0.0707	-0.0925	0.0994	0.0091	-0.0102	-0.0885	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0051	-0.0010	-0.0021	0.0098	0.0008	0.0000	0.0024	0.0035	[redacted]			-0.0063	-0.0013	-0.0025	0.0122	0.0010	0.0000	0.0031	0.11	0.11	0.11	0.11	0.11	[redacted]				
11.96	-0.0507	-0.0819	-0.1169	0.0843	0.0079	-0.0002	-0.1575	0.9554	9.85	82.40%	11.96	-0.0677	-0.1041	-0.1425	0.1044	0.0114	-0.0003	-0.1988	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1183	-0.0161	-0.0350	0.1096	0.0090	-0.0011	-0.0519	1.4547	8.92	74.60%	11.96	-0.1405	-0.0192	-0.0428	0.1352	0.0141	-0.0014	-0.0546	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0296	-0.0769	-0.1056	0.0527	0.0045	-0.0012	-0.1561	1.0526	[redacted]			-0.0403	-0.1013	-0.1255	0.0639	0.0064	-0.0014	-0.1982	2.24	0.02	0.00	0.15	1.02	[redacted]				
[redacted]	-0.0043	-0.1097	-0.1443	0.0174	0.0035	-0.0004	-0.2378	0.0190	[redacted]			-0.0051	-0.1386	-0.1755	0.0239	0.0035	-0.0005	-0.2923	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0344	-0.0786	-0.1019	0.1021	0.0065	-0.0053	-0.1116	2.0311	11.29	94.43%	11.96	-0.0433	-0.1024	-0.1199	0.1233	0.0111	-0.0056	-0.1368	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.29	-0.0188	-0.0099	-0.0461	0.0964	0.0107	-0.0031	0.0292	0.0146	5.69	50.34%	11.29	-0.0272	-0.0148	-0.0559	0.1284	0.0140	-0.0035	0.0410	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
5.22	-0.0004	0.0000	-0.0196	0.0135	0.0058	-0.0120	-0.0127	0.0071	3.03	58.10%	5.22	-0.0005	0.0000	-0.0239	0.0170	0.0079	-0.0159	-0.0154	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0025	0.0000	-0.0052	0.0571	0.0032	-0.0003	0.0523	0.0000	1.95	66.45%	2.93	-0.0031	0.0000	-0.0064	0.0688	0.0050	-0.0003	0.0640	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0403	-0.0242	-0.0489	0.3066	0.0076	-0.0006	0.2002	0.0059	6.77	56.62%	11.96	-0.0506	-0.0313	-0.0597	0.3714	0.0109	-0.0007	0.2400	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0963	-0.0181	-0.0434	0.2189	0.0077	-0.0004	0.0684	0.0000	8.33	69.65%	11.96	-0.1229	-0.0230	-0.0529	0.2757	0.0116	-0.0005	0.0880	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0663	-0.0062	-0.0259	0.2260	0.0064	-0.0009	0.1331	0.6514	7.04	67.50%	10.43	-0.0718	-0.0068	-0.0314	0.2769	0.0097	-0.0028	0.1738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0314	0.4105	0.0212	-0.0033	0.3970	0.0000	5.60	46.81%	11.96	0.0000	0.0000	-0.0373	0.5113	0.0289	-0.0037	0.4992	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.54	-0.0101	-0.0148	-0.0208	0.0279	0.0098	0.0000	-0.0080	0.0006	3.11	29.47%	10.54	-0.0127	-0.0188	-0.0255	0.0345	0.0135	0.0000	-0.0090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0042	-0.0227	-0.0790	0.0845	0.0018	-0.0035	-0.0231	9.3923	12.88	79.62%	16.18	-0.0048	-0.0268	-0.0971	0.1023	0.0026	-0.0045	-0.0283	0.00	0.00	0.00	2.60	5.10	0.00%	0.00%	0.00%	20.80%	40.48%
16.18	-0.0327	-0.0597	-0.0677	0.1454	0.0098	0.0062	0.0013	0.1835	13.05	80.69%	16.18	-0.0404	-0.0766	-0.0826	0.1856	0.0129	0.0080	0.0069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0932	-0.0130	-0.0388	0.0811	0.0063	0.0087	-0.0489	0.0185	[redacted]			-0.0932	-0.0130	-0.0458	0.1135	0.0096	0.0083	-0.0206	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0434	0.1682	0.0078	-0.0022	0.1304	1.7075	[redacted]			0.0000	0.0000	-0.0518	0.2283	0.0101	-0.0028	0.1838	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0281	-0.0159	-0.0974	0.2627	0.0118	-0.0099	0.1232	0.0001	8.41	70.30%	11.96	-0.0365	-0.0202	-0.1143	0.3152	0.0205	-0.0128	0.1519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0298	-0.0771	-0.0961	0.0890	0.0051	0.0000	-0.1089	0.6614	[redacted]			-0.0374	-0.0982	-0.1160	0.1101	0.0074	0.0000	-0.1341	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0032	-0.0472	-0.1364	0.0661	0.0024	-0.0001	-0.1184	0.0000	3.82	27.05%	14.12	-0.0039	-0.0601	-0.1633	0.0796	0.0024	-0.0001	-0.1454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0006	-0.0049	-0.0075	0.0080	0.0074	0.0000	0.0024	0.0018	[redacted]			-0.0006	-0.0051	-0.0087	0.0096	0.0086	0.0000	0.0038	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0270	-0.0384	-0.0620	0.0337	0.0037	-0.0036	-0.0936	0.0053	[redacted]			-0.0337	-0.0489	-0.0758	0.0417	0.0056	-0.0045	-0.1156	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0301	-0.0432	-0.0913	0.1784	0.0068	-0.0017	0.0189	2.0584	9.98	83.46%	11.96	-0.0380	-0.0550	-0.1079	0.2204	0.0113	-0.0018	0.0290	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0670	-0.0179	-0.0607	0.3525	0.0054	-0.0004	0.2119	0.0000	11.55	71.39%	16.18	-0.0845	-0.0228	-0.0741	0.4346	0.0081	-0.0005	0.2608	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0778	-0.0337	-0.0655	0.0893	0.0082	-0.0021	-0.0816	0.0000	9.99	83.54%	11.96	-0.0923	-0.0394	-0.0806	0.1115	0.0133	-0.0027	-0.0902	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.82	-0.1198	-0.0341	-0.0764	0.4200	0.0185	-0.0022	0.2060	0.0046	12.79	92.49%	13.82	-0.1439	-0.0401	-0.0916	0.5245	0.0314	-0.0029	0.2774	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0462	-0.0943	-0.1274	0.0643	0.0012	0.0008	-0.2016	1.1514	9.03	75.53%	11.96	-0.0606	-0.1232	-0.1557	0.0798	0.0013	0.0012	-0.2572	1.69	2.13	2.08	2.08	2.02	187.78%	236.67%	231.11%	231.11%	224.44%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0234	-0.0023	-0.0038	0.0063	0.0016	-0.0003	-0.0219	0.0120	[redacted]			-0.0234	-0.0023	-0.0045	0.0079	0.0025	-0.0005	-0.0203	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0008	-0.0008	-0.0011	0.0003	0.0001	0.0000	-0.0023	0.0000	[redacted]			-0.0010	-0.0010	-0.0013	0.0004	0.0002	0.0000	-0.0027	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0381	-0.1109	-0.0929	0.0317	0.0054	-0.0060	-0.2108	0.0006	8.68	72.57%	11.96	-0.0460	-0.1408	-0.1126	0.0407	0.0081	-0.0074	-0.2580	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0122	-0.0821	-0.1011	0.0226	0.0013	-0.0017	-0.1732	0.0316	8.26	69.08%	11.96	-0.0148	-0.1045	-0.1219	0.0279	0.0017	-0.0021	-0.2137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0150	-0.0711	-0.0923	0.1736	0.0036	-0.0023	-0.0035	1.4329	9.78	93.77%	10.43	-0.0189	-0.0903	-0.1123	0.2502	0.0055	-0.0029	0.0313	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0589	-0.0132	-0.0732	0.0441	0.0067	-0.0002	-0.0947	0.0168	11.31	94.63%	11.96	-0.0752	-0.0171	-0.0899	0.0563	0.0102	-0.0002	-0.1159	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0868	-0.0268	-0.0694	0.1443	0.0072	-0.0012	-0.0327	1.1117	11.77	98.42%	11.96	-0.1139	-0.0340	-0.0850	0.1765	0.0106	-0.0015	-0.0473	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0739	-0.0535	-0.0812	0.0436	0.0051	-0.0021	-0.1620	0.0193	8.29	69.38%	11.96	-0.0840	-0.0626	-0.0995	0.0545	0.0079	-0.0027	-0.1864	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0451	0.1049	0.0035	0.0004	0.0637	0.0097	[redacted]			0.0000	0.0000	-0.0545	0.1452	0.0035	0.0005	0.0947	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0539	-0.0424	-0.0695	0.1473	0.0079	-0.0030	-0.0136	0.0042	9.51	79.54%	11.96	-0.0667	-0.0538	-0.0850	0.1797	0.0117	-0.0038	-0.0179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0832	-0.0017	-0.0435	0.1391	0.0113	-0.0097	0.0123	0.0121	8.60	71.91%	11.96	-0.1010	-0.0021	-0.0537	0.1681	0.0158	-0.0135	0.0136	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0110	-0.0874	-0.1388	0.0692	0.0067	-0.0022	-0.1635	0.0010	[redacted]			-0.0119	-0.0948	-0.1660	0.0860	0.0098	-0.0032	-0.1801	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0155	-0.0012	-0.0095	0.0353	0.0059	0.0000	0.0150	0.0000	2.45	83.80%	2.93	-0.0170	-0.0013	-0.0116	0.0446	0.0084	-0.0004	0.0227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0293	0.0493	0.0053	-0.0041	0.0212	0.0880	[redacted]			0.0000	0.0000	-0.0352	0.0603	0.0074	-0.0053	0.0272	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.57	-0.0462	-0.0302	-0.0418	0.0425	0.0098	0.0000	-0.0659	0.0221	8.78	83.12%	10.57	-0.0609	-0.0384	-0.0504	0.0532	0.0144	0.0000	-0.0821	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0437	-0.0151	-0.0939	0.2152	0.0109	-0.0086	0.0648	0.0000	[redacted]			-0.0572	-0.0192	-0.1150	0.2593	0.0156	-0.0117	0.0718	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1072	-0.0062	-0.0410	0.2381	0.0080	-0.0003	0.0914	0.0004	9.06	75.79%	11.96	-0.1370	-0.0079	-0.0484	0.2905	0.0131	-0.0003	0.1100	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.80	-0.0231	-0.0085	-0.0218	0.0517	0.0069	-0.0016	0.0036	0.0689	3.60	52.89%	6.80	-0.0274	-0.0105	-0.0268	0.0637	0.0103	-0.0020	0.0073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0340	-0.0401	-0.1022	0.1825	0.0095	-0.0009	0.0148	0.0406	11.55	96.59%	11.96	-0.0445	-0.0511	-0.1240	0.2309	0.0135	-0.0011	0.0237	0.20	0.17	0.22	0.24	0.26	1.77%	1.50%	1.95%	2.13%	2.30%
11.96	-0.0695	-0.0028	-0.0279	0.2397	0.0095	-0.0004	0.1486	0.0101	10.71	89.60%	11.96	-0.0861	-0.0035	-0.0331	0.2914	0.0152	-0.0005	0.1834	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.1717	0.0000	-0.1170	0.1459	0.0139	-0.0023	-0.1312	0.0000	30.02	91.16%	32.93	-0.2098	0.0000	-0.1434	0.1821	0.0213	-0.0028	-0.1526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0086	-0.1472	-0.2044	0.0925	0.0027	0.0000	-0.2650	2.4237	[redacted]			-0.0105	-0.1875	-0.2410	0.1204	0.0044	0.0000	-0.3142	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0995	-0.0765	-0.1057	0.0465	0.0070	-0.0021	-0.2303	0.9805	9.79	81.88%	11.96	-0.1209	-0.0973	-0.1294	0.0575	0.0110	-0.0026	-0.2817	0.33	0.22	0.22	0.22	0.11	3.53%	2.29%	2.28%	2.29%	1.14%
[redacted]	-0.0204	-0.0595	-0.1050	0.1043	0.0057	-0.0013	-0.0762	0.8177	[redacted]			-0.0238	-0.0713	-0.1290	0.1295	0.0087	-0.0017	-0.0876	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.80	0.0000	0.0000	-0.0072	0.1232	0.0221	-0.0021	0.1360	0.0015	2.22	79.36%	2.80	0.0000	0.0000	-0.0088	0.1483	0.0275	-0.0028	0.1642	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0464	-0.0622	-0.0860	0.1049	0.0072	-0.0025	-0.0850	0.0001	[redacted]			-0.0578	-0.0791	-0.1039	0.1287	0.0110	-0.0031	-0.1042	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.40	-0.0075	-0.0008	-0.0059	0.0189	0.0075	0.0000	0.0122	0.0002	1.63	67.90%	2.40	-0.0097	-0.0010	-0.0072	0.0227	0.0104	0.0000	0.0152	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.4819	-0.2683	-0.2341	0.1152	0.0366	-0.0009	-0.8334	85.7771	[redacted]			-0.5885	-0.3461	-0.2861	0.1457	0.0513	-0.0013	-1.0250	1.40	10.10	9.80	9.70	9.60	[redacted]				
16.18	-0.0554	-0.0137	-0.0453	0.1906	0.0075	-0.0011	0.0826	0.0086	10.44	64.54%	16.18	-0.0710	-0.0174	-0.0558	0.2327	0.0109	-0.0014	0.0980	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0588	-0.0352	-0.0857	0.1986	0.0087	-0.0026	0.0250	0.0025	14.39	88.93%	16.18	-0.0734	-0.0447	-0.1044	0.2439	0.0136	-0.0032	0.0318	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0016	-0.0176	-0.0215	0.0280	0.0031	0.0002	-0.0094	0.0005	1.10	9.22%	11.96	-0.0019	-0.0220	-0.0248	0.0349	0.0054	0.0004	-0.0080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0197	-0.0043	-0.0238	0.1895	0.0058	-0.0016	0.1459	0.0090	8.01	66.98%	11.96	-0.0217	-0.0048	-0.0291	0.2332	0.0086	-0.0026	0.1836	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0027	-0.0016	-0.0071	0.0380	0.0041	-0.0004	0.0303	0.0000	2.31	96.80%	2.39	-0.0034	-0.0020	-0.0088	0.0457	0.0062	-0.0005	0.0372	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0210	-0.1112	-0.0803	0.1516	0.0079	0.0025	-0.0505	0.0005	9.26	77.47%	11.96	-0.0210	-0.1112	-0.0912	0.3171	0.0119	0.0023	0.1079	0.81	0.81	0.73	0.73	0.65	135.00%	135.00%	121.67%	121.67%	108.33%
[redacted]	-0.0194	-0.1463	-0.2289	0.3450	0.0094	-0.0007	-0.0409	4.3064	[redacted]			-0.0251	-0.1895	-0.2802	0.4266	0.0144	-0.0001	-0.0539	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0184	-0.0050	-0.0465	0.0254	0.0150	-0.0051	-0.0346	0.0102	8.27	69.13%	11.96	-0.0230	-0.0064	-0.0575	0.0307	0.0226	-0.0066	-0.0402	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0493	-0.0158	-0.0564	0.1484	0.0070	-0.0014	0.0325	0.0082	10.23	85.53%	11.96	-0.0684	-0.0216	-0.0665	0.1761	0.0110	-0.0015	0.0291	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1466	-0.0543	-0.0700	0.0766	0.0121	-0.0014	-0.1836	0.0124	[redacted]			-0.1807	-0.0708	-0.0870	0.0948	0.0190	-0.0012	-0.2259	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.79	-0.0158	-0.1134	-0.1947	0.1422	0.0133	-0.0051	-0.1735	0.0046	9.87	91.46%	10.79	-0.0192	-0.1378	-0.2379	0.1738	0.0193	-0.0065	-0.2083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0240	-0.0033	-0.0161	0.1712	0.0062	-0.0001	0.1339	0.0022	2.56	87.46%	2.93	-0.0313	-0.0042	-0.0202	0.2089	0.0084	-0.0001	0.1615	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0371	-0.0243	-0.0950	0.1352	0.0109	-0.0022	-0.0125	0.0000	9.84	82.31%	11.96	-0.0416	-0.0270	-0.1160	0.1657	0.0168	-0.0037	-0.0058	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0423	-0.1101	-0.1504	0.0385	0.0075	0.0000	-0.2568	0.0085	[redacted]			-0.0571	-0.1402	-0.1828	0.0479	0.0105	0.0001	-0.3216	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1352	-0.0383	-0.0660	0.2778	0.0079	-0.0015	0.0447	0.0000	10.47	87.60%	11.96	-0.1626	-0.0465	-0.0808	0.3410	0.0123	-0.0020	0.0614	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0434	-0.0397	-0.0591	0.0530	0.0045	-0.0033	-0.0880	0.0120	[redacted]			-0.0524	-0.0504	-0.0724	0.0661	0.0069	-0.0041	-0.1063	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.14	0.0000	0.0000	-0.0076	0.0643	0.0104	-0.0013	0.0658	0.0000	2.00	93.65%	2.14	0.0000	0.0000	-0.0091	0.0779	0.0138	-0.0015	0.0811	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0711	-0.0123	-0.0573	0.1611	0.0080	-0.0011	0.0273	0.0211	9.53	79.67%	11.96	-0.0994	-0.0168	-0.0702	0.2018	0.0115	-0.0013	0.0256	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.1377	0.0000	-0.1546	0.1612	0.0218	-0.0056	-0.1149	1.3599	29.50	89.56%	32.93	-0.1696	0.0000	-0.1896	0.1938	0.0325	-0.0070	-0.1399	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0168	-0.0119	-0.0506	0.2009	0.0086	-0.0015	0.1287	0.0000	9.81	82.06%	11.96	-0.0168	-0.0119	-0.0580	0.2708	0.0127	-0.0017	0.1951	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.76	-0.0519	-0.0671	-0.1086	0.3133	0.0069	-0.0070	0.0856	0.0371	12.22	82.74%	14.76	-0.0675	-0.0852	-0.1323	0.3829	0.0105	-0.0073	0.1011	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0008	-0.0097	-0.0070	0.0031	0.0001	-0.0002	-0.0145	0.0000	1.11	37.92%	2.93	-0.0010	-0.0124	-0.0085	0.0039	0.0001	-0.0002	-0.0181	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0902	-0.0411	-0.0886	0.0941	0.0070	-0.0003	-0.1191	0.0087	9.56	79.99%	11.96	-0.1092	-0.0524	-0.1059	0.1167	0.0109	-0.0004	-0.1403	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0528	-0.0522	-0.0833	0.1456	0.0049	-0.0025	-0.0403	0.2176	10.13	84.73%	11.96	-0.0680	-0.0664	-0.1014	0.1809	0.0072	-0.0031	-0.0508	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0009	-0.0773	-0.1598	0.0148	0.0042	-0.0004	-0.2194	0.0006	[redacted]			-0.0010	-0.0882	-0.1928	0.0183	0.0056	-0.0006	-0.2587	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0120	-0.0046	-0.0140	0.0846	0.0070	-0.0003	0.0607	0.0014	2.30	78.46%	2.93	-0.0131	-0.0050	-0.0170	0.1092	0.0112	-0.0012	0.0841	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0470	-0.0291	-0.0727	0.2011	0.0090	-0.0006	0.0607	0.0000	10.32	86.33%	11.96	-0.0582	-0.0370	-0.0891	0.2455	0.0138	-0.0008	0.0742	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0714	-0.0068	-0.0355	0.0819	0.0109	-0.0004	-0.0213	0.0059	9.05	75.72%	11.96	-0.0876	-0.0086	-0.0437	0.0990	0.0165	-0.0005	-0.0249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0573	-0.0035	-0.0244	0.1988	0.0066	0.0000	0.1202	0.0002	6.72	56.18%	11.96	-0.0734	-0.0044	-0.0298	0.2433	0.0099	0.0000	0.1456	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0074	-0.0840	-0.1170	0.0709	0.0042	-0.0007	-0.1340	0.7720	[redacted]			-0.0091	-0.1061	-0.1426	0.0888	0.0061	-0.0008	-0.1637	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0068	-0.0353	-0.0535	0.0971	0.0042	-0.0070	-0.0013	2.0658	7.60	53.83%	14.12	-0.0083	-0.0439	-0.0655	0.1187	0.0065	-0.0089	-0.0014	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0105	-0.0253	-0.0992	0.1083	0.0070	-0.0032	-0.0229	0.1900	[redacted]			-0.0125	-0.0296	-0.1205	0.1314	0.0099	-0.0046	-0.0259	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0808	-0.0132	-0.0393	0.2628	0.0094	0.0000	0.1389	0.0002	9.67	80.85%	11.96	-0.1037	-0.0168	-0.0484	0.3219	0.0136	0.0000	0.1666	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0334	-0.0722	-0.1285	0.0494	0.0045	-0.0029	-0.1831	0.0061	11.22	93.82%	11.96	-0.0417	-0.0912	-0.1593	0.0635	0.0069	-0.0036	-0.2254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0126	-0.0162	-0.0324	0.1336	0.0117	-0.0011	0.0830	0.0000	9.02	55.76%	16.18	-0.0148	-0.0196	-0.0393	0.1658	0.0180	-0.0013	0.1088	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0833	0.0544	0.0594	-0.0090	0.0215	2.5441	[redacted]			0.0000	0.0000	-0.1015	0.0670	0.0734	-0.0110	0.0279	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0086	0.0000	-0.0091	0.0695	0.0057	0.0000	0.0575	0.0023	2.86	97.48%	2.93	-0.0110	0.0000	-0.0109	0.0837	0.0089	0.0000	0.0707	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0311	-0.0522	-0.0630	0.0172	0.0057	-0.0011	-0.1245	0.0008	7.49	62.66%	11.96	-0.0387	-0.0662	-0.0763	0.0213	0.0082	-0.0014	-0.1531	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0070	0.0000	-0.0165	0.0406	0.0052	-0.0087	0.0136	1.7327	[redacted]			-0.0086	0.0000	-0.0203	0.0488	0.0077	-0.0111	0.0165	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0046	-0.0039	-0.0077	0.0872	0.0049	0.0047	0.0806	0.0008	[redacted]			-0.0057	-0.0050	-0.0094	0.1091	0.0062	0.0056	0.1008	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.1552	-0.0151	-0.0790	0.2439	0.0072	-0.0012	0.0006	0.7070	12.99	80.31%	16.18	-0.2004	-0.0192	-0.0963	0.2986	0.0107	-0.0015	-0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0056	-0.0025	-0.0182	0.0974	0.0146	-0.0026	0.0831	0.0000	2.41	82.27%	2.93	-0.0073	-0.0033	-0.0237	0.1191	0.0174	-0.0037	0.0985	0.00	0.00	0.00	0.02	0.04	0.00%	0.00%	0.00%	0.68%	1.37%
11.96	-0.0804	-0.0116	-0.0358	0.2469	0.0087	-0.0007	0.1271	0.2397	8.69	72.71%	11.96	-0.0956	-0.0139	-0.0424	0.3062	0.0142	-0.0008	0.1677	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0593	-0.0155	-0.0378	0.1672	0.0035	-0.0004	0.0577	0.8042	9.52	58.86%	16.18	-0.0762	-0.0197	-0.0460	0.2116	0.0052	-0.0005	0.0744	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0074	-0.1606	-0.2295	0.0182	0.0055	-0.0006	-0.3744	6.3614	12.97	80.18%	16.18	-0.0091	-0.2045	-0.2779	0.0232	0.0069	-0.0007	-0.4621	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.44	-0.0076	-0.0004	-0.0071	0.0233	0.0048	0.0000	0.0130	0.0000	1.66	67.83%	2.44	-0.0101	-0.0005	-0.0087	0.0280	0.0068	0.0000	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1018	-0.0087	-0.0459	0.0469	0.0101	-0.0038	-0.1032	0.0108	7.81	65.33%	11.96	-0.1447	-0.0127	-0.0562	0.0572	0.0146	-0.0039	-0.1457	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
7.06	0.0000	0.0000	-0.0018	0.0008	0.0059	-0.0017	0.0032	0.0000	0.56	7.86%	7.06	0.0000	0.0000	-0.0022	0.0010	0.0077	-0.0019	0.0046	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0401	-0.0431	-0.0817	0.0427	0.0097	-0.0009	-0.1134	0.0000	10.13	84.75%	11.96	-0.0515	-0.0558	-0.1001	0.0535	0.0146	-0.0011	-0.1404	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0147	-0.0299	-0.0650	0.0910	0.0092	-0.0020	-0.0114	0.0000	7.22	60.39%	11.96	-0.0182	-0.0380	-0.0770	0.1095	0.0151	-0.0025	-0.0111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0166	-0.0050	-0.0147	0.0586	0.0058	-0.0012	0.0269	0.0004	2.67	95.42%	2.80	-0.0222	-0.0063	-0.0180	0.0706	0.0083	-0.0015	0.0309	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0482	0.1705	0.0151	-0.0089	0.1285	0.0238	10.86	90.85%	11.96	0.0000	0.0000	-0.0599	0.2061	0.0228	-0.0153	0.1537	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0265	-0.0128	-0.0398	0.1972	0.0072	-0.0004	0.1249	0.7717	6.02	50.39%	11.96	-0.0312	-0.0155	-0.0485	0.2420	0.0112	-0.0005	0.1575	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0552	-0.0426	-0.1130	0.1642	0.0098	-0.0033	-0.0401	1.5156	10.01	83.71%	11.96	-0.0709	-0.0541	-0.1316	0.1977	0.0156	-0.0038	-0.0471	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0012	-0.0330	-0.0597	0.0189	0.0039	-0.0022	-0.0733	0.0136	5.04	35.71%	14.12	-0.0015	-0.0419	-0.0742	0.0231	0.0051	-0.0028	-0.0922	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0075	-0.0055	-0.0391	0.1699	0.0078	-0.0023	0.1233	0.0176	6.85	57.29%	11.96	-0.0107	-0.0080	-0.0484	0.2013	0.0111	-0.0025	0.1428	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0020	[redacted]			-0.0004	0.0000	0.0000	0.0005	0.0000	0.0000	0.0001	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.1160	-0.0680	-0.1136	0.2219	0.0046	-0.0010	-0.0721	2.8433	[redacted]			-0.1479	-0.0865	-0.1373	0.3140	0.0067	-0.0013	-0.0523	0.00	0.00	0.00	0.00	0.13	[redacted]				
[redacted]	-0.0262	-0.0331	-0.0787	0.1228	0.0050	-0.0003	-0.0105	0.7229	[redacted]			-0.0316	-0.0402	-0.0965	0.1507	0.0079	-0.0005	-0.0102	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1057	-0.0418	-0.0761	0.0451	0.0069	-0.0029	-0.1745	0.9264	9.36	78.27%	11.96	-0.1391	-0.0531	-0.0927	0.0590	0.0104	-0.0037	-0.2192	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0025	-0.0069	-0.0096	0.0251	0.0031	-0.0008	0.0084	0.0013	1.39	47.29%	2.93	-0.0031	-0.0088	-0.0119	0.0306	0.0049	-0.0010	0.0107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.20	-0.0164	-0.0025	-0.0251	0.0705	0.0061	-0.0058	0.0268	0.1091	3.73	60.21%	6.20	-0.0202	-0.0032	-0.0309	0.0859	0.0089	-0.0073	0.0332	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.3444	-0.0129	-0.0433	0.0763	0.0119	0.0005	-0.3119	0.0199	11.15	93.22%	11.96	-0.4453	-0.0164	-0.0530	0.0943	0.0178	0.0006	-0.4020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

2023

Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Turnbull		0.0003	9.49	79.39%	11.96	-0.0134	-0.0147	-0.0280	0.0348	0.0007	-0.0001	-0.0207
Turner		0.0003	[redacted]			-0.0073	-0.0146	-0.0219	0.0035	0.0004	-0.0012	-0.0411
Turnout		0.9548	8.56	82.06%	10.43	-0.0070	-0.0212	-0.0260	0.0045	0.0010	-0.0001	-0.0488
Turnpike		0.0000	11.83	73.15%	16.18	-0.0032	-0.0211	-0.0312	0.0379	0.0006	-0.0006	-0.0176
Turntable	GNA_2023_30	1.2952	[redacted]			-0.0041	-0.0257	-0.0392	0.0045	0.0006	-0.0005	-0.0644
Turtle		0.0002	8.63	72.19%	11.96	-0.0146	-0.0069	-0.0205	0.0689	0.0011	-0.0008	0.0272
Tussing		0.0002	9.14	86.53%	10.57	-0.0381	-0.0036	-0.0156	0.0261	0.0017	0.0000	-0.0295
Twain		0.0002	9.24	77.00%	12.00	-0.0098	-0.0017	-0.0059	0.0068	0.0005	0.0000	-0.0101
Tweedy		0.0000	2.16	79.83%	2.71	0.0000	0.0000	-0.0012	0.0111	0.0008	0.0002	0.0109
Twenty Six St		0.0000	[redacted]			-0.0007	-0.0041	-0.0057	0.0069	0.0004	0.0000	-0.0032
Twin Butte		0.1298	6.26	60.02%	10.43	-0.0043	-0.0030	-0.0072	0.0132	0.0029	-0.0004	0.0012
Twin Lakes		0.0004	13.05	80.68%	16.18	-0.0122	-0.0031	-0.0117	0.0529	0.0007	-0.0006	0.0260
Twin Peaks		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0065	0.0004	-0.0001	0.0068
Twining		0.0000	[redacted]			-0.0013	-0.0253	-0.0321	0.0179	0.0003	0.0000	-0.0405
Twister		0.0001	7.87	65.83%	11.96	-0.0089	-0.0111	-0.0180	0.0237	0.0009	-0.0010	-0.0144
Tyburn		0.0000	0.64	23.55%	2.71	0.0000	0.0000	-0.0007	0.0117	0.0036	-0.0002	0.0144
Tyhard		0.0002	[redacted]			-0.0010	-0.0223	-0.0312	0.0038	0.0004	-0.0002	-0.0505
Tyler		0.0000	0.91	31.14%	2.93	-0.0004	-0.0002	-0.0015	0.0068	0.0004	-0.0002	0.0049
Typhoon		0.4773	[redacted]			-0.0322	-0.0122	-0.0215	0.0652	0.0010	-0.0004	-0.0001
Ulmer		0.0000	0.55	18.76%	2.93	-0.0002	0.0000	-0.0003	0.0006	0.0004	0.0000	0.0005
Underwood		0.0786	[redacted]			-0.0033	-0.0053	-0.0280	0.0146	0.0007	-0.0040	-0.0253
Underworld		-0.0013	[redacted]			-0.0008	-0.0002	-0.0167	0.0253	0.0008	-0.0010	0.0074
Unicorn		0.0000	6.99	58.49%	11.96	-0.0058	-0.0353	-0.0372	0.0084	0.0007	0.0000	-0.0692
Union		0.0002	[redacted]			-0.0013	-0.0224	-0.0288	0.0062	0.0003	-0.0002	-0.0462
Union Pacific		0.0001	[redacted]			-0.0022	-0.0318	-0.0407	0.0092	0.0006	-0.0001	-0.0650
Unity		0.0001	2.56	87.50%	2.93	-0.0022	0.0000	-0.0017	0.0144	0.0007	0.0000	0.0112
Unruh		0.0000	9.23	87.39%	10.57	-0.0142	-0.0108	-0.0199	0.0218	0.0008	-0.0006	-0.0229
Unser		0.0004	8.84	73.92%	11.96	-0.0049	-0.0038	-0.0145	0.0245	0.0012	-0.0003	0.0022
Uranium		0.0000	6.76	56.57%	11.96	-0.0141	-0.0080	-0.0128	0.0267	0.0006	-0.0001	-0.0077
Urbita		0.0001	10.10	84.47%	11.96	-0.0178	-0.0014	-0.0108	0.0311	0.0013	-0.0001	0.0023
Utah		0.0000	[redacted]			0.0000	0.0000	-0.0112	0.0062	0.0010	-0.0010	-0.0050
Utopia		0.0003	[redacted]			-0.0080	-0.0210	-0.0308	0.0136	0.0004	-0.0004	-0.0462
Vaca		0.0000	4.48	37.46%	11.96	-0.0150	-0.0046	-0.0109	0.0483	0.0006	0.0000	0.0184
Vadar		0.2200	[redacted]			-0.0107	-0.0122	-0.0204	0.0144	0.0002	-0.0007	-0.0294
Val Verde		1.4532	[redacted]			-0.0007	-0.0221	-0.0390	0.0067	0.0004	-0.0001	-0.0548
Valente	GNA_2023_104	0.0003	[redacted]			-0.0016	-0.0246	-0.0207	0.0046	0.0004	0.0000	-0.0419
Valiant		0.0001	9.95	83.24%	11.96	-0.0145	-0.0078	-0.0188	0.0459	0.0009	-0.0017	0.0040
Valinda	GNA_2023_247	0.0000	[redacted]			-0.0069	-0.0093	-0.0176	0.0210	0.0008	-0.0006	-0.0126
Vallecito		0.0003	9.27	65.64%	14.12	0.0000	0.0000	-0.0210	0.0985	0.0078	-0.0064	0.0789
Valmonte		0.0000	1.34	59.48%	2.26	0.0000	0.0000	-0.0012	0.0374	0.0033	-0.0006	0.0389
Valnett		0.0000	2.34	115.70%	2.02	-0.0004	-0.0001	-0.0022	0.0213	0.0007	-0.0001	0.0192
Valsun		0.0001	8.91	75.89%	11.74	-0.0070	-0.0183	-0.0350	0.0164	0.0006	-0.0004	-0.0437
Valve		0.0001	[redacted]			-0.0116	-0.0186	-0.0206	0.0906	0.0021	0.0002	0.0421
Van Brocklin		0.0001	6.02	50.33%	11.96	-0.0173	-0.0147	-0.0304	0.0310	0.0011	-0.0001	-0.0304
Van Buren		0.0000	9.12	76.26%	11.96	-0.0214	-0.0117	-0.0221	0.0385	0.0008	-0.0004	-0.0163
Van Camp		0.0000	[redacted]			-0.0006	-0.0048	-0.0083	0.0061	0.0011	0.0001	-0.0064
Van Wick		0.0000	2.92	99.58%	2.93	-0.0004	-0.0004	-0.0044	0.0190	0.0008	-0.0005	0.0141
Vancouver		0.0052	2.87	97.85%	2.93	-0.0016	-0.0020	-0.0052	0.0067	0.0006	-0.0004	-0.0019
Vandalia		0.0000	6.92	62.17%	11.13	-0.0106	-0.0076	-0.0182	0.0170	0.0006	-0.0023	-0.0211
Vanguard		0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0058	0.0015	0.0001	0.0071
Vaquero		0.0000	7.86	48.61%	16.18	-0.0029	-0.0227	-0.0319	0.0114	0.0029	0.0003	-0.0429
Vardon		0.0000	[redacted]			0.0000	0.0000	-0.0106	0.0322	0.0017	0.0008	0.0241
Vargas		0.0003	8.59	71.84%	11.96	-0.0199	-0.0022	-0.0100	0.0161	0.0011	-0.0001	-0.0150
Varsity		0.0001	[redacted]			-0.0027	-0.0301	-0.0305	0.0030	0.0008	0.0006	-0.0589
Vasco		0.0000	[redacted]			-0.0014	-0.0370	-0.0351	0.0036	0.0073	0.0001	-0.0625
Vasquez		0.0002	13.17	81.44%	16.18	-0.0286	-0.0021	-0.0096	0.0442	0.0007	-0.0002	0.0044
Vassal		0.1763	[redacted]			-0.0070	-0.0161	-0.0215	0.0136	0.0007	-0.0007	-0.0310
Vecino		0.0004	10.27	85.93%	11.96	-0.0051	-0.0102	-0.0194	0.0303	0.0009	-0.0008	-0.0043
Velardo		0.0001	10.27	85.87%	11.96	-0.0436	-0.0124	-0.0209	0.0322	0.0011	-0.0001	-0.0437
Vella		0.0000	6.27	19.03%	32.93	-0.0194	0.0000	-0.0083	0.0104	0.0011	-0.0001	-0.0163
Velma		3.0223	8.12	83.87%	9.68	-0.0019	-0.0157	-0.0237	0.0088	0.0004	-0.0012	-0.0333
Vengeance		0.0740	[redacted]			0.0000	0.0000	-0.0163	0.0524	0.0018	-0.0002	0.0377
Venus	GNA_2023_33	0.0000	3.04	103.64%	2.93	-0.0064	-0.0001	-0.0029	0.0315	0.0007	0.0000	0.0228
Vera Cruz		0.0003	9.00	75.25%	11.96	-0.0277	-0.0115	-0.0182	0.0572	0.0009	-0.0010	-0.0003
Verbena		0.2846	9.64	91.27%	10.57	-0.0151	-0.0106	-0.0258	0.0377	0.0015	-0.0016	-0.0139
Verde		0.0000	1.57	65.88%	2.39	0.0000	0.0000	-0.0011	0.0105	0.0013	-0.0002	0.0105
Verdemont		0.7073	[redacted]			-0.0273	-0.0727	-0.0409	0.0381	0.0046	0.0002	-0.0980
Verdi		0.0000	8.24	68.92%	11.96	-0.0076	-0.0018	-0.0110	0.0552	0.0012	-0.0001	0.0359
Verdugo		0.0003	15.28	94.49%	16.18	-0.0071	-0.0055	-0.0167	0.2377	0.0010	-0.0011	0.2083
Verdun		0.0000	2.36	84.13%	2.80	0.0000	0.0000	-0.0016	0.0183	0.0045	-0.0004	0.0208
Vermont		0.0000	8.64	81.78%	10.57	-0.0109	-0.0067	-0.0120	0.0253	0.0009	-0.0008	-0.0042
Verona		0.0033	2.60	88.64%	2.93	-0.0007	-0.0053	-0.0089	0.0036	0.0005	-0.0008	-0.0116
Veterans		0.0004	10.22	72.43%	14.12	-0.0165	-0.0122	-0.0243	0.0785	0.0018	-0.0002	0.0271
Via Huerto		0.0000	0.38	41.46%	0.92	0.0000	0.0000	-0.0003	0.0058	0.0017	-0.0001	0.0071
Via Norte		0.4666	7.22	60.37%	11.96	-0.0086	-0.0258	-0.0294	0.0063	0.0001	-0.0003	-0.0577
Viaduct		0.0000	1.51	51.61%	2.93	-0.0014	-0.0009	-0.0028	0.0036	0.0004	-0.0001	-0.0012
Viaverde		0.0000	11.01	92.06%	11.96	-0.0123	-0.0033	-0.0121	0.0476	0.0008	-0.0001	0.0206
Vicasa		0.0004	15.09	93.29%	16.18	-0.0342	-0.0070	-0.0226	0.0970	0.0011	-0.0009	0.0334
Vicentia	GNA_2023_90	0.0000	[redacted]			-0.0034	-0.0270	-0.0282	0.0099	0.0019	0.0003	-0.0465
Vicki		0.0004	9.15	76.50%	11.96	-0.0125	-0.0121	-0.0235	0.0208	0.0011	-0.0003	-0.0265
Video		0.0003	6.96	49.32%	14.12	-0.0083	-0.0004	-0.0033	0.0437	0.0006	0.0000	0.0323
Viento		0.0005	10.02	96.03%	10.43	-0.0118	-0.0097	-0.0347	0.0417	0.0008	-0.0021	-0.0158
Viking		0.0000	2.64	90.26%	2.93	-0.0001	0.0000	-0.0019	0.0272	0.0011	-0.0007	0.0256
Villa		0.0000	2.02	69.02%	2.93	-0.0048	-0.0018	-0.0026	0.0318	0.0007	-0.0002	0.0231
Village	GNA_2023_118	0.0000	2.88	102.92%	2.80	-0.0020	-0.0003	-0.0028	0.0088	0.0008	-0.0001	0.0044
Viminal		0.0003	9.57	80.02%	11.96	-0.0241	-0.0055	-0.0115	0.0144	0.0009	0.0000	-0.0258
Vine		1.2621	[redacted]			-0.0125	-0.0164	-0.0187	0.0089	0.0004	0.0000	-0.0383
Vineyard		0.8263	11.72	77.07%	15.21	-0.0162	-0.0119	-0.0394	0.1216	0.0022	-0.0006	0.0557
Violet		0.0000	1.47	65.05%	2.26	0.0000	0.0000	-0.0012	0.0166	0.0051	-0.0004	0.0201
Violin		0.0000	[redacted]			-0.0078	-0.0149	-0.0250	0.0321	0.0004	0.0000	-0.0152
Viper		0.0001	[redacted]			0.0000	0.0000	-0.0090	0.0302	0.0009	-0.0010	0.0211
Virgil		0.0000	4.81	46.08%	10.43	-0.0160	-0.0096	-0.0117	0.0117	0.0005	-0.0008	-0.0259
Virgo		0.0000	[redacted]			-0.0005	-0.0114	-0.0198	0.0061	0.0008	-0.0001	-0.0249
Vise		0.0002	[redacted]			-0.0111	-0.0272	-0.0313	0.0078	0.0012	0.0001	-0.0605
Vita		0.0000	2.47	84.27%	2.93	-0.0053	-0.0027	-0.0062	0.0088	0.0004	-0.0003	-0.0053
Vitamin		0.0000	8.52	71.23%	11.96	-0.0084	-0.0264	-0.0399	0.0081	0.0005	-0.0005	-0.0666
Vogan		0.0993	0.90	61.51%	1.46	-0.0037	0.0000	-0.0009	0.0042	0.0007	0.0000	0.0003
Volney		0.0000	7.42	62.02%	11.96	-0.0079	-0.0025	-0.0118	0.0103	0.0010	-0.0002	-0.0111
Volpe		-0.0060	10.65	89.10%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Volturno	GNA_2023_125	0.0003	10.29	86.02%	11.96	-0.0314	-0.0051	-0.0138	0.0148	0.0009	-0.0002	-0.0348
Volvo		5.7984	8.35	69.80%	11.96	-0.0031	0.0000	-0.0018	0.0019	0.0005	0.0000	-0.0025
Von		0.0003	[redacted]			-0.0018	-0.0278	-0.0379	0.0051	0.0003	-0.0001	-0.0622
Vortex		0.0001	7.38	61.69%	11.96	-0.0148	-0.0139	-0.0179	0.0374	0.0007	-0.0011	-0.0096
Vossler		0.0000	4.18	68.62%	6.09	-0.0015	-0.0015	-0.0038	0.0040	0.0017	0.0000	-0.0011
Voyager		0.0001	[redacted]			-0.0037	-0.0215	-0.0272	0.0079	0.0004	-0.0005	-0.0446
Vulcan		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vultair		0.0000	[redacted]			-0.0095	-0.0141	-0.0284	0.0099	0.0009	-0.0001	-0.0413
Vultee		2.5660	[redacted]			-0.0051	-0.0211	-0.0395	0.0201	0.0005	-0.0012	-0.0463
Waco		0.0000	5.51	46.08%	11.96	-0.0081	-0.0135	-0.0124	0.0128	0.0011	0.0001	-0.0200
Wadsworth		0.0000	1.95	81.59%	2.39	0.0000	0.0000	-0.0018	0.0240	0.0031	-0.0007	0.0246
Wagner		0.0001	2.85	97.38%	2.93	-0.0003	-0.0007	-0.0045	0.0207	0.0006	-0.0006	0.0152
Wahlstrom	GNA_2023_257	0.0004	9.79	81.91%	11.96	-0.0087	-0.0069	-0.0197	0.0311	0.0012	-0.0005	-0.0035
Wahoo		0.0003	10.15	84.90%	11.96	-0.0157	-0.0095	-0.0194	0.0389	0.0007	-0.0004	-0.0054
Wainwright		0.2174	9.45	79.07%	11.96	-0.0123	-0.0232	-0.0321	0.0335	0.0004	0.0000	-0.0337
Waite		0.0004	11.02	92.14%	11.96	-0.0166	-0.0015	-0.0119	0.0289	0.0020	-0.0002	0.0007
Walgrove		0.0000	5.43	33.55%	16.18	-0.0024	-0.0115	-0.0225	0.0279	0.0006	0.0000	-0.0079
Wallace		0.0000	8.59	71.87%	11.96	-0.0016	-0.0017	-0.0118	0.0089	0.0002	-0.0009	-0.0069
Walnut Park		0.0000	2.14	89.63%	2.39	0.0000	0.0000	-0.0014	0.0068	0.0010	-0.0001	0.0063
Walrus		0.0000	[redacted]			-0.0012	-0.0142	-0.0200	0.0067	0.0001	0.0000	-0.0286
Walter		0.7200	[redacted]			-0.0122	-0.0218	-0.0261	0.0107	0.0007	0.0000	-0.0487
Wanda		0.0001	[redacted]			-0.0051	-0.0198	-0.0230	0.0484	0.0024	-0.0006	0.0023
Wapello		0.0000	2.40	87.09%	2.75	-0.0040	0.0000	-0.0021	0.0283	0.0007	0.0000	0.0229
Ward		0.0000	1.96	82.08%	2.39	-0.0027	-0.0006	-0.0040	0.0088	0.0006	-0.0002	0.0019
Wardell		0.0000	11.05	92.44%	11.96	-0.0509	-0.0055	-0.0122	0.0131	0.0015	-0.0002	-0.0542
Wardlow		0.0000	1.70	58.20%	2.93	-0.0018	-0.0029	-0.0031	0.0098	0.0006	0.0000	0.0026
Warhawk	GNA_2023_154	0.0004	12.04	100.71%	11.96	-0.0372	-0.0014	-0.0117	0.0533	0.0016	-0.0001	0.0045
Warm Creek		0.0001	[redacted]			-0.0051	-0.0369	-0.0446	0.0053	0.0009	0.0002	-0.0802
Warman		1.0620	[redacted]			-0.0020	-0.0050	-0.0076	0.0036	0.0005	-0.0002	-0.0107
Warriors		0.0001	9.75	81.52%	11.96	-0.0125	-0.0218	-0.0406	0.0560	0.0047	-0.0015	-0.0157
Wash		0.0006	[redacted]			-0.0035	-0.0079	-0.0677	0.0347	0.0013	-0.0011	-0.0442
Wasp		0.0000	8.76	62.03%	14.12	-0.0031	-0.0259	-0.0384	0.0207	0.0005	0.0002	-0.0460
Waterfield		0.0000	5.74	47.98%	11.96	0.0000	0.0000	-0.0187	0.0313	0.0012	-0.0014	0.0124
Waterman		0.0000	9.98	83.43%	11.96	-0.0046	-0.0177	-0.0211	0.0115	0.0006	-0.0009	-0.0322
Waterway		0.0002	9.81	82.02%	11.96	-0.0056	-0.0085	-0.0210	0.0055	0.0010	-0.0002	-0.0288
Waterwheel		0.0000	1.03	49.59%	2.09	-0.0081	-0.0003	-0.0009	0.0015	0.0001	0.0000	-0.0077

2024

Facility	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Turnbull	0.0043	9.49	79.35%	11.96	-0.0239	-0.0274	-0.0524	0.0725	0.0017	-0.0003	-0.0298
Turner	0.0042	[redacted]			-0.0130	-0.0272	-0.0414	0.0075	0.0016	-0.0023	-0.0748
Turnout	0.9581	8.54	81.87%	10.43	-0.0087	-0.0263	-0.0483	0.0113	0.0020	-0.0011	-0.0711
Turnpike	0.0000	11.82	73.04%	16.18	-0.0060	-0.0428	-0.0587	0.0718	0.0024	-0.0009	-0.0342
Turntable	1.8624	[redacted]			-0.0084	-0.0510	-0.0688	0.0085	0.0014	-0.0008	-0.1191
Turtle	0.0021	8.67	72.52%	11.96	-0.0278	-0.0133	-0.0390	0.1407	0.0035	-0.0015	0.0626
Tussing	0.0026	9.14	86.54%	10.57	-0.0590	-0.0056	-0.0314	0.0610	0.0036	-0.0004	-0.0318
Twain	0.0039	9.24	77.26%	11.96	-0.0173	-0.0032	-0.0119	0.0145	0.0015	0.0000	-0.0164
Tweedy	0.0000	2.17	80.28%	2.71	0.0000	0.0000	-0.0024	0.0232	0.0018	0.0004	0.0230
Twenty Six St	0.0003	[redacted]			-0.0013	-0.0078	-0.0094	0.0144	0.0008	0.0000	-0.0033
Twin Butte	0.1668	6.30	60.42%	10.43	-0.0085	-0.0054	-0.0142	0.0271	0.0061	-0.0008	0.0043
Twin Lakes	0.0077	13.10	80.95%	16.18	-0.0217	-0.0059	-0.0231	0.1083	0.0026	-0.0011	0.0591
Twin Peaks	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0150	0.0008	-0.0001	0.0157
Twining	0.0007	[redacted]			-0.0027	-0.0461	-0.0602	0.0384	0.0008	0.0000	-0.0698
Twister	0.0014	7.88	65.87%	11.96	-0.0144	-0.0178	-0.0349	0.0551	0.0024	-0.0020	-0.0116
Tyburn	0.0003	0.65	24.00%	2.71	0.0000	0.0000	-0.0015	0.0239	0.0036	-0.0004	0.0256
Tyhard	0.0036	[redacted]			-0.0020	-0.0407	-0.0576	0.0080	0.0013	-0.0004	-0.0914
Tyler	0.0006	0.92	31.36%	2.93	-0.0007	-0.0004	-0.0030	0.0138	0.0010	-0.0005	0.0102
Typhoon	0.4773	[redacted]			-0.0581	-0.0224	-0.0444	0.1398	0.0026	-0.0008	0.0167
Ulmer	0.0002	0.55	18.79%	2.93	-0.0004	0.0000	-0.0006	0.0012	0.0011	0.0000	0.0013
Underwood	0.1002	[redacted]			-0.0056	-0.0098	-0.0564	0.0308	0.0022	-0.0062	-0.0450
Underworld	-0.0025	[redacted]			-0.0014	-0.0004	-0.0290	0.0515	0.0018	-0.0037	0.0188
Unicorn	0.0000	9.66	80.78%	11.96	-0.0114	-0.0650	-0.0628	0.0180	0.0015	0.0001	-0.1196
Union	0.0036	[redacted]			-0.0027	-0.0415	-0.0510	0.0139	0.0006	-0.0004	-0.0811
Union Pacific	0.0016	[redacted]			-0.0042	-0.0581	-0.0755	0.0209	0.0017	-0.0002	-0.1154
Unity	0.0002	2.58	87.98%	2.93	-0.0039	0.0000	-0.0037	0.0294	0.0017	0.0000	0.0235
Unruh	0.0000	9.22	87.26%	10.57	-0.0253	-0.0204	-0.0388	0.0472	0.0021	-0.0011	-0.0363
Unser	0.0061	8.85	74.02%	11.96	-0.0090	-0.0072	-0.0292	0.0506	0.0030	-0.0005	0.0077
Uranium	0.0000	6.76	56.57%	11.96	-0.0267	-0.0148	-0.0250	0.0564	0.0024	-0.0002	-0.0079
Urbita	0.0014	10.11	84.54%	11.96	-0.0319	-0.0026	-0.0231	0.0636	0.0032	-0.0002	0.0090
Utah	0.0000	[redacted]			0.0000	0.0000	-0.0199	0.0131	0.0024	-0.0037	-0.0081
Utopia	0.0033	[redacted]			-0.0142	-0.0387	-0.0569	0.0285	0.0013	-0.0008	-0.0808
Vaca	0.0000	4.53	37.86%	11.96	-0.0233	-0.0073	-0.0216	0.1123	0.0029	-0.0001	0.0629
Vadar	0.2822	[redacted]			-0.0196	-0.0234	-0.0367	0.0299	0.0009	-0.0007	-0.0496
Val Verde	1.7358	[redacted]			-0.0014	-0.0403	-0.0663	0.0211	0.0007	-0.0002	-0.0864
Valente	2.3199	[redacted]			-0.0032	-0.0443	-0.0415	0.0113	0.0008	-0.0001	-0.0770
Valiant	0.0011	9.97	83.35%	11.96	-0.0254	-0.0150	-0.0367	0.0939	0.0023	-0.0032	0.0159
Valinda	0.0000	[redacted]			-0.0126	-0.0178	-0.0349	0.0434	0.0020	-0.0011	-0.0210
Vallecito	0.7996	10.22	72.42%	14.12	0.0000	0.0000	-0.0417	0.2161	0.0183	-0.0101	0.1826
Valmonte	0.0002	1.38	61.21%	2.26	0.0000	0.0000	-0.0023	0.0711	0.0077	-0.0010	0.0755
Valnett	0.0000	2.36	116.79%	2.02	-0.0008	-0.0002	-0.0045	0.0434	0.0017	-0.0003	0.0393
Valsun	0.0021	8.88	75.60%	11.74	-0.0127	-0.0338	-0.0650	0.0341	0.0015	-0.0007	-0.0766
Valve	0.0025	[redacted]			-0.0207	-0.0348	-0.0419	0.2006	0.0050	0.0001	0.1083
Van Brocklin	0.0009	6.00	50.20%	11.96	-0.0317	-0.0272	-0.0539	0.0647	0.0026	-0.0002	-0.0457
Van Buren	0.0000	9.11	76.21%	11.96	-0.0385	-0.0218	-0.0419	0.0793	0.0021	-0.0008	-0.0216
Van Camp	0.0006	[redacted]			-0.0012	-0.0087	-0.0146	0.0133	0.0024	0.0002	-0.0086
Van Wick	0.0005	2.74	93.61%	2.93	-0.0004	-0.0004	-0.0064	0.0393	0.0043	-0.0008	0.0356
Vancouver	0.0086	2.87	97.94%	2.93	-0.0029	-0.0039	-0.0102	0.0136	0.0015	-0.0008	-0.0027
Vandalia	0.0000	6.91	62.04%	11.13	-0.0199	-0.0141	-0.0345	0.0361	0.0022	-0.0044	-0.0346
Vanguard	0.0000	[redacted]			0.0000	0.0000	-0.0007	0.0136	0.0074	0.0000	0.0203
Vaquero	0.0001	7.83	48.41%	16.18	-0.0055	-0.0415	-0.0559	0.0237	0.0061	0.0005	-0.0726
Vardon	0.0000	[redacted]			0.0000	0.0000	-0.0185	0.0653	0.0033	0.0015	0.0516
Vargas	0.0035	8.58	71.78%	11.96	-0.0350	-0.0040	-0.0210	0.0330	0.0025	-0.0002	-0.0247
Varsity	0.0014	[redacted]			-0.0053	-0.0550	-0.0522	0.0061	0.0017	0.0009	-0.1038
Vasco	0.0002	[redacted]			-0.0028	-0.0669	-0.0657	0.0075	0.0181	0.0003	-0.1095
Vasquez	0.0023	13.23	81.78%	16.18	-0.0356	-0.0028	-0.0213	0.1111	0.0022	-0.0019	0.0517
Vassal	0.2243	[redacted]			-0.0135	-0.0299	-0.0418	0.0296	0.0018	-0.0013	-0.0551
Vecino	0.0032	10.28	85.97%	11.96	-0.0096	-0.0194	-0.0383	0.0631	0.0023	-0.0016	-0.0035
Velardo	0.0001	10.22	85.44%	11.96	-0.0882	-0.0263	-0.0387	0.0604	0.0029	-0.0004	-0.0903
Vella	0.0000	6.26	19.00%	32.93	-0.0356	0.0000	-0.0166	0.0215	0.0032	-0.0002	-0.0277
Velma	3.1786	8.26	85.35%	9.68	-0.0038	-0.0296	-0.0415	0.0195	0.0010	-0.0023	-0.0567
Vengeance	0.0930	[redacted]			0.0000	0.0000	-0.0284	0.1141	0.0043	-0.0003	0.0897
Venus	0.0000	1.15	39.30%	2.93	-0.0114	-0.0002	-0.0058	0.0651	0.0030	0.0000	0.0507
Vera Cruz	0.0043	9.04	75.62%	11.96	-0.0433	-0.0184	-0.0356	0.1330	0.0024	-0.0021	0.0360
Verbena	0.2846	9.64	91.24%	10.57	-0.0274	-0.0202	-0.0462	0.0773	0.0033	-0.0030	-0.0162
Verde	0.0000	1.58	66.38%	2.39	0.0000	0.0000	-0.0021	0.0213	0.0024	-0.0004	0.0212
Verdemont	6.7253	[redacted]			-0.0536	-0.1313	-0.0777	0.0826	0.0101	-0.0005	-0.1704
Verdi	0.0002	8.28	69.28%	11.96	-0.0138	-0.0034	-0.0229	0.1125	0.0029	-0.0002	0.0751
Verdugo	0.0046	15.53	96.01%	16.18	-0.0137	-0.0105	-0.0336	0.4865	0.0025	-0.0020	0.4292
Verdun	0.0003	2.39	85.24%	2.80	0.0000	0.0000	-0.0029	0.0454	0.0079	-0.0004	0.0500
Vermont	0.0000	8.65	81.90%	10.57	-0.0173	-0.0108	-0.0239	0.0589	0.0025	-0.0016	0.0078
Verona	0.0055	2.59	88.25%	2.93	-0.0016	-0.0128	-0.0162	0.0066	0.0012	-0.0014	-0.0242
Veterans	0.0071	10.27	72.78%	14.12	-0.0296	-0.0228	-0.0469	0.1621	0.0033	-0.0004	0.0657
Via Huerto	0.0002	0.39	42.46%	0.92	0.0000	0.0000	-0.0006	0.0118	0.0045	-0.0002	0.0155
Via Norte	0.8497	7.59	63.44%	11.96	-0.0170	-0.0488	-0.0513	0.0130	0.0003	-0.0018	-0.1056
Viaduct	0.0003	1.51	51.60%	2.93	-0.0027	-0.0017	-0.0056	0.0073	0.0010	-0.0002	-0.0019
Viaverde	0.0000	11.04	92.30%	11.96	-0.0223	-0.0061	-0.0251	0.0986	0.0021	-0.0002	0.0470
Vicasa	0.0063	15.21	94.03%	16.18	-0.0392	-0.0081	-0.0427	0.2256	0.0039	-0.0021	0.1374
Vicentia	0.0001	[redacted]			-0.0067	-0.0492	-0.0539	0.0203	0.0043	0.0010	-0.0842
Vicki	0.0057	9.14	76.47%	11.96	-0.0217	-0.0217	-0.0438	0.0500	0.0025	-0.0006	-0.0353
Video	0.0048	7.01	49.64%	14.12	-0.0153	-0.0007	-0.0073	0.0907	0.0015	0.0000	0.0689
Viento	0.0082	10.04	96.20%	10.43	-0.0216	-0.0182	-0.0644	0.0984	0.0025	-0.0039	-0.0072
Viking	0.0000	2.67	91.18%	2.93	-0.0002	0.0000	-0.0039	0.0554	0.0024	-0.0024	0.0513
Villa	0.0000	2.05	69.96%	2.93	-0.0085	-0.0036	-0.0058	0.0656	0.0019	-0.0004	0.0492
Village	0.0000	2.62	93.57%	2.80	-0.0037	-0.0005	-0.0061	0.0179	0.0019	-0.0002	0.0093
Viminal	0.0042	9.57	80.01%	11.96	-0.0364	-0.0084	-0.0232	0.0340	0.0029	-0.0001	-0.0312
Vine	1.2636	[redacted]			-0.0232	-0.0303	-0.0348	0.0197	0.0010	-0.0001	-0.0677
Vineyard	1.3196	12.30	80.91%	15.21	-0.0295	-0.0224	-0.0753	0.2488	0.0062	-0.0022	0.1256
Violet	0.0002	1.49	66.05%	2.26	0.0000	0.0000	-0.0025	0.0338	0.0107	-0.0007	0.0413
Violin	0.0000	[redacted]			-0.0171	-0.0326	-0.0463	0.0603	0.0013	-0.0001	-0.0345
Viper	0.0008	[redacted]			-0.0002	-0.0002	-0.0163	0.0660	0.0021	-0.0019	0.0495
Virgil	0.0000	4.79	45.88%	10.43	-0.0307	-0.0174	-0.0231	0.0244	0.0020	-0.0015	-0.0463
Virgo	0.0000	[redacted]			-0.0014	-0.0276	-0.0324	0.0101	0.0014	-0.0001	-0.0500
Vise	0.0030	[redacted]			-0.0194	-0.0485	-0.0593	0.0172	0.0023	0.0000	-0.1077
Vita	0.0000	2.47	84.38%	2.93	-0.0080	-0.0043	-0.0117	0.0205	0.0019	-0.0006	-0.0022
Vitamin	0.0000	8.46	70.76%	11.96	-0.0154	-0.0487	-0.0741	0.0187	0.0013	-0.0009	-0.1191
Vogan	0.1264	0.93	63.57%	1.46	-0.0064	0.0000	-0.0018	0.0087	0.0014	0.0000	0.0019
Volney	0.0000	7.41	61.96%	11.96	-0.0140	-0.0047	-0.0232	0.0212	0.0027	-0.0005	-0.0185
Volpe	-0.0134	10.64	89.03%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Volturno	1.2311	6.93	57.95%	11.96	-0.0474	-0.0079	-0.0268	0.0346	0.0031	-0.0005	-0.0449
Volvo	7.3234	9.97	83.38%	11.96	-0.0061	0.0000	-0.0038	0.0040	0.0012	0.0000	-0.0047
Von	0.0051	[redacted]			-0.0036	-0.0497	-0.0669	0.0110	0.0005	-0.0004	-0.1091
Vortex	0.0012	7.38	61.68%	11.96	-0.0276	-0.0259	-0.0349	0.0771	0.0017	-0.0021	-0.0117
Vossler	0.0005	4.18	68.64%	6.09	-0.0030	-0.0027	-0.0074	0.0082	0.0041	0.0000	-0.0008
Voyager	0.0015	[redacted]			-0.0073	-0.0395	-0.0483	0.0171	0.0021	-0.0006	-0.0765
Vulcan	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vultair	0.0000	[redacted]			-0.0164	-0.0251	-0.0512	0.0229	0.0020	-0.0002	-0.0680
Vultee	2.5660	[redacted]			-0.0095	-0.0394	-0.0715	0.0415	0.0017	-0.0023	-0.0795
Waco	0.0000	5.49	45.94%	11.96	-0.0158	-0.0263	-0.0230	0.0266	0.0027	0.0006	-0.0352
Wadsworth	0.0000	1.99	83.16%	2.39	0.0000	0.0000	-0.0032	0.0587	0.0056	-0.0007	0.0604
Wagner	0.0008	2.87	98.01%	2.93	-0.0007	-0.0014	-0.0088	0.0425	0.0016	-0.0012	0.0320
Wahlstrom	0.0040	9.80	81.95%	11.96	-0.0157	-0.0131	-0.0392	0.0637	0.0030	-0.0010	-0.0023
Wahoo	0.0041	10.16	84.98%	11.96	-0.0277	-0.0177	-0.0386	0.0829	0.0019	-0.0008	0.0000
Wainwright	0.2695	9.53	79.68%	11.96	-0.0178	-0.0329	-0.0569	0.0882	0.0015	-0.0004	-0.0183
Waite	0.0066	11.03	92.23%	11.96	-0.0324	-0.0028	-0.0231	0.0594	0.0044	-0.0004	0.0051
Walgrove	0.0000	5.43	33.58%	16.18	-0.0044	-0.0211	-0.0374	0.0585	0.0013	0.0000	-0.0031
Wallace	0.0000	8.59	71.83%	11.96	-0.0029	-0.0032	-0.0242	0.0184	0.0017	-0.0018	-0.0120
Walnut Park	0.0000	2.15	89.94%	2.39	0.0000	0.0000	-0.0029	0.0139	0.0023	-0.0002	0.0131
Walrus	0.0000	[redacted]			-0.0024	-0.0266	-0.0349	0.0141	0.0004	-0.0001	-0.0495
Walter	1.2830	[redacted]			-0.0218	-0.0396	-0.0503	0.0225	0.0018	0.0001	-0.0873
Wanda	1.6537	[redacted]			-0.0076	-0.0294	-0.0438	0.1143	0.0056	-0.0014	0.0377
Wapello	0.0001	2.43	88.08%	2.75	-0.0071	0.0000	-0.0048	0.0578	0.0019	0.0000	0.0478
Ward	0.0000	1.96	82.22%	2.39	-0.0049	-0.0012	-0.0081	0.0180	0.0016	-0.0003	0.0051
Wardell	0.0003	11.01	92.07%	11.96	-0.0904	-0.0105	-0.0246	0.0270	0.0037	-0.0004	-0.0952
Wardlow	0.0005	1.71	58.40%	2.93	-0.0033	-0.0056	-0.0056	0.0208	0.0013	0.0000	0.0076
Warhawk	0.0056	12.06	100.90%	11.96	-0.0656	-0.0026	-0.0244	0.1087	0.0039	-0.0003	0.0197
Warm Creek	0.0021	[redacted]			-0.0098	-0.0673	-0.0753	0.0132	0.0020	0.0003	-0.1369
Warman	1.1587	[redacted]			-0.0036	-0.0094	-0.0135	0.0075	0.0010	-0.0003	-0.0183
Warriors	0.0011	9.77	81.67%	11.96	-0.0170	-0.0298	-0.0787	0.1229	0.0077	-0.0051	0.0000
Wash	0.0096	[redacted]			-0.0152	-0.0341	-0.1238	0.0626	0.0027	-0.0015	-0.1093
Wasp	0.0000	8.72	61.79%	14.12	-0.0057	-0.0484	-0.0688	0.0435	0.0012	0.0001	-0.0781
Waterfield	0.0000	7.21	60.32%	11.96	0.0000	0.0000	-0.0323	0.0636	0.0030	-0.0043	0.0300
Waterman	0.0000	9.95	83.21%	11.96	-0.0089	-0.0335	-0.0397	0.0252	0.0015	-0.0017	-0.0571
Waterway	0.1479	9.94	83.16%	11.96	-0.0106	-0.0159	-0.0385	0.0119	0.0024	-0.0004	-0.0511
Waterwheel	0.0000	1.03	49.40%	2.09	-0.0131	-0.0005	-0.0019	0.0034	0.0005	0.0000	-0.0116

2025

Facility	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]
Turnbull	0.0059	9.49	79.38%	11.96	-0.0317	-0.0363	-0.0758	0.1131	0.0039	-0.0008	-0.0276
Turner	0.0061	[redacted]			-0.0192	-0.0407	-0.0612	0.0117	0.0034	-0.0035	-0.1095
Turnout	0.9594	8.52	81.66%	10.43	-0.0104	-0.0318	-0.0698	0.0185	0.0033	-0.0021	-0.0923
Turnpike	0.0000	11.80	72.92%	16.18	-0.0089	-0.0659	-0.0875	0.1064	0.0042	-0.0015	-0.0532
Turntable	2.3655	[redacted]			-0.0121	-0.0744	-0.1007	0.0130	0.0027	-0.0012	-0.1727
Turtle	0.0112	8.71	72.88%	11.96	-0.0424	-0.0201	-0.0575	0.2088	0.0072	-0.0022	0.0938
Tussing	0.0035	9.12	86.36%	10.57	-0.0928	-0.0089	-0.0470	0.0929	0.0067	-0.0003	-0.0494
Twain	0.0058	9.23	77.21%	11.96	-0.0259	-0.0048	-0.0179	0.0224	0.0028	0.0000	-0.0234
Tweedy	0.0000	2.18	80.66%	2.71	0.0000	0.0000	-0.0036	0.0330	0.0029	0.0006	0.0329
Twenty Six St	0.0004	[redacted]			-0.0019	-0.0117	-0.0130	0.0220	0.0013	0.0000	-0.0033
Twin Butte	0.1799	6.31	60.52%	10.43	-0.0194	-0.0123	-0.0224	0.0454	0.0096	-0.0002	0.0007
Twin Lakes	0.0092	13.14	81.25%	16.18	-0.0267	-0.0073	-0.0333	0.1678	0.0049	-0.0030	0.1024
Twin Peaks	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0257	0.0012	-0.0001	0.0268
Twining	0.0007	[redacted]			-0.0041	-0.0685	-0.0883	0.0533	0.0015	0.0000	-0.1061
Twister	0.0020	7.88	65.89%	11.96	-0.0202	-0.0249	-0.0516	0.0849	0.0051	-0.0031	-0.0098
Tyburn	0.0004	0.66	24.42%	2.71	0.0000	0.0000	-0.0023	0.0355	0.0036	-0.0006	0.0362
Tyhard	0.0036	[redacted]			-0.0030	-0.0606	-0.0835	0.0122	0.0024	-0.0006	-0.1331
Tyler	0.0009	0.92	31.57%	2.93	-0.0011	-0.0006	-0.0045	0.0204	0.0019	-0.0008	0.0153
Typhoon	0.4773	[redacted]			-0.0868	-0.0334	-0.0675	0.2185	0.0050	-0.0012	0.0346
Ulmer	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Underwood	0.1125	[redacted]			-0.0083	-0.0147	-0.0857	0.0471	0.0040	-0.0085	-0.0661
Underworld	-0.0031	[redacted]			-0.0021	-0.0006	-0.0405	0.0765	0.0030	-0.0063	0.0300
Unicorn	0.0000	9.61	80.33%	11.96	-0.0168	-0.0970	-0.0882	0.0283	0.0023	0.0001	-0.1713
Union	0.0059	[redacted]			-0.0041	-0.0620	-0.0738	0.0204	0.0010	-0.0006	-0.1191
Union Pacific	4.0520	[redacted]			-0.0064	-0.0864	-0.1102	0.0305	0.0031	-0.0003	-0.1697
Unity	0.0002	2.59	88.42%	2.93	-0.0058	0.0000	-0.0057	0.0436	0.0032	0.0000	0.0353
Unruh	0.0000	9.20	87.12%	10.57	-0.0385	-0.0306	-0.0575	0.0745	0.0040	-0.0016	-0.0497
Unser	0.0076	8.86	74.08%	11.96	-0.0131	-0.0109	-0.0440	0.0761	0.0060	-0.0007	0.0134
Uranium	0.0008	9.20	76.94%	11.96	-0.0397	-0.0221	-0.0372	0.0870	0.0044	-0.0003	-0.0079
Urbita	0.0019	10.11	84.58%	11.96	-0.0473	-0.0039	-0.0356	0.0945	0.0065	-0.0003	0.0139
Utah	0.0000	[redacted]			-0.0041	-0.0013	-0.0299	0.0213	0.0038	-0.0049	-0.0151
Utopia	0.0044	[redacted]			-0.0212	-0.0578	-0.0823	0.0436	0.0024	-0.0012	-0.1165
Vaca	0.0000	4.55	38.08%	11.96	-0.0372	-0.0116	-0.0322	0.1621	0.0051	-0.0001	0.0861
Vadar	0.3048	[redacted]			-0.0294	-0.0354	-0.0524	0.0463	0.0017	-0.0007	-0.0699
Val Verde	1.8337	[redacted]			-0.0022	-0.0599	-0.0937	0.0429	0.0011	-0.0003	-0.1121
Valente	3.8229	[redacted]			-0.0047	-0.0655	-0.0610	0.0200	0.0017	-0.0001	-0.1096
Valiant	0.0015	9.98	83.44%	11.96	-0.0377	-0.0227	-0.0545	0.1395	0.0046	-0.0047	0.0245
Valinda	0.0000	[redacted]			-0.0190	-0.0268	-0.0522	0.0652	0.0038	-0.0016	-0.0306
Vallecito	0.8017	10.32	73.12%	14.12	0.0000	0.0000	-0.0606	0.3163	0.0322	-0.0149	0.2730
Valmonte	0.0003	1.42	62.97%	2.26	0.0000	0.0000	-0.0034	0.1050	0.0124	-0.0011	0.1129
Valnett	0.0000	2.38	117.83%	2.02	-0.0012	-0.0003	-0.0068	0.0641	0.0032	-0.0005	0.0585
Valsun	0.0026	8.84	75.29%	11.74	-0.0193	-0.0504	-0.0943	0.0516	0.0028	-0.0010	-0.1106
Valve	0.0042	[redacted]			-0.0307	-0.0521	-0.0683	0.3088	0.0068	-0.0002	0.1643
Van Brocklin	0.0012	5.98	50.03%	11.96	-0.0480	-0.0406	-0.0798	0.0984	0.0054	-0.0003	-0.0649
Van Buren	0.0003	9.10	76.14%	11.96	-0.0576	-0.0326	-0.0614	0.1189	0.0041	-0.0011	-0.0297
Van Camp	0.0007	[redacted]			-0.0018	-0.0129	-0.0207	0.0212	0.0038	0.0003	-0.0101
Van Wick	0.0006	2.75	94.05%	2.93	-0.0014	-0.0012	-0.0106	0.0557	0.0063	-0.0011	0.0477
Vancouver	0.0108	2.87	97.99%	2.93	-0.0044	-0.0059	-0.0152	0.0202	0.0029	-0.0012	-0.0036
Vandalia	0.0000	6.89	61.91%	11.13	-0.0296	-0.0210	-0.0514	0.0557	0.0042	-0.0065	-0.0486
Vanguard	0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0227	0.0137	-0.0001	0.0352
Vaquero	0.0004	7.79	48.17%	16.18	-0.0082	-0.0617	-0.0826	0.0361	0.0072	0.0006	-0.1086
Vardon	0.0017	[redacted]			0.0000	0.0000	-0.0261	0.0993	0.0050	0.0022	0.0804
Vargas	0.0071	8.57	71.71%	11.96	-0.0523	-0.0060	-0.0322	0.0492	0.0051	-0.0003	-0.0365
Varsity	0.0020	[redacted]			-0.0078	-0.0818	-0.0738	0.0092	0.0023	0.0012	-0.1507
Vasco	0.0003	[redacted]			-0.0043	-0.0992	-0.0968	0.0114	0.0295	0.0004	-0.1590
Vasquez	0.0030	13.28	82.08%	16.18	-0.0433	-0.0035	-0.0333	0.1741	0.0045	-0.0036	0.0949
Vassal	0.2406	[redacted]			-0.0198	-0.0446	-0.0622	0.0469	0.0035	-0.0019	-0.0781
Vecino	0.0043	10.28	85.98%	11.96	-0.0143	-0.0292	-0.0572	0.0956	0.0044	-0.0023	-0.0030
Velardo	0.0001	10.16	85.01%	11.96	-0.1335	-0.0411	-0.0553	0.0884	0.0053	-0.0007	-0.1369
Vella	0.0000	6.24	18.96%	32.93	-0.0516	0.0000	-0.0248	0.0324	0.0058	-0.0003	-0.0385
Velma	3.2338	8.29	85.70%	9.68	-0.0058	-0.0445	-0.0594	0.0314	0.0018	-0.0033	-0.0798
Vengeance	0.1000	[redacted]			0.0000	0.0000	-0.0395	0.1674	0.0066	-0.0004	0.1341
Venus	0.0000	1.18	40.22%	2.93	-0.0168	-0.0003	-0.0095	0.0977	0.0053	0.0000	0.0764
Vera Cruz	0.0062	9.08	75.92%	11.96	-0.0610	-0.0258	-0.0529	0.2051	0.0049	-0.0032	0.0671
Verbena	0.2846	9.63	91.19%	10.57	-0.0411	-0.0305	-0.0672	0.1153	0.0062	-0.0044	-0.0217
Verde	0.0000	1.60	66.89%	2.39	0.0000	0.0000	-0.0031	0.0319	0.0038	-0.0006	0.0320
Verdemont	6.7253	[redacted]			-0.0792	-0.1957	-0.1155	0.1309	0.0192	-0.0012	-0.2415
Verdi	0.0004	8.33	69.63%	11.96	-0.0201	-0.0051	-0.0349	0.1666	0.0058	-0.0003	0.1120
Verdugo	0.0057	15.76	97.43%	16.18	-0.0207	-0.0158	-0.0506	0.7232	0.0050	-0.0030	0.6381
Verdun	0.0004	2.42	86.36%	2.80	0.0000	0.0000	-0.0042	0.0731	0.0113	-0.0004	0.0798
Vermont	0.0000	8.66	82.01%	10.57	-0.0241	-0.0152	-0.0358	0.0907	0.0052	-0.0025	0.0183
Verona	0.0069	2.57	87.83%	2.93	-0.0026	-0.0208	-0.0233	0.0095	0.0021	-0.0020	-0.0371
Veterans	0.0100	10.31	73.05%	14.12	-0.0447	-0.0342	-0.0712	0.2435	0.0049	-0.0006	0.0977
Via Huerto	0.0003	0.40	43.43%	0.92	0.0000	0.0000	-0.0009	0.0176	0.0074	-0.0003	0.0238
Via Norte	0.9734	7.67	64.14%	11.96	-0.0251	-0.0734	-0.0711	0.0195	0.0005	-0.0032	-0.1528
Viaduct	0.0004	1.51	51.59%	2.93	-0.0040	-0.0026	-0.0085	0.0108	0.0021	-0.0003	-0.0025
Viaverde	0.0000	11.06	92.54%	11.96	-0.0328	-0.0091	-0.0382	0.1486	0.0040	-0.0003	0.0722
Vicasa	0.0091	15.32	94.72%	16.18	-0.0449	-0.0093	-0.0632	0.3480	0.0082	-0.0034	0.2354
Vicentia	0.0003	[redacted]			-0.0099	-0.0731	-0.0803	0.0308	0.0078	0.0014	-0.1233
Vicki	0.0080	9.14	76.41%	11.96	-0.0323	-0.0320	-0.0637	0.0807	0.0042	-0.0009	-0.0440
Video	0.0069	7.05	49.93%	14.12	-0.0231	-0.0010	-0.0114	0.1369	0.0029	0.0000	0.1043
Viento	0.0119	10.05	96.30%	10.43	-0.0321	-0.0273	-0.0938	0.1521	0.0054	-0.0057	-0.0014
Viking	0.0000	2.70	92.08%	2.93	-0.0003	0.0000	-0.0059	0.0828	0.0040	-0.0042	0.0764
Villa	0.0000	2.07	70.81%	2.93	-0.0128	-0.0055	-0.0097	0.0985	0.0029	-0.0006	0.0728
Village	0.0000	2.63	93.77%	2.80	-0.0054	-0.0008	-0.0094	0.0265	0.0037	-0.0003	0.0143
Viminal	0.0059	9.56	79.99%	11.96	-0.0485	-0.0115	-0.0348	0.0545	0.0053	-0.0002	-0.0352
Vine	1.2640	[redacted]			-0.0338	-0.0452	-0.0496	0.0318	0.0019	-0.0002	-0.0951
Vineyard	1.3199	12.40	81.55%	15.21	-0.0363	-0.0278	-0.1099	0.3851	0.0138	-0.0061	0.2188
Violet	0.0003	1.51	67.02%	2.26	0.0000	0.0000	-0.0038	0.0505	0.0160	-0.0010	0.0617
Violin	0.0000	[redacted]			-0.0246	-0.0465	-0.0667	0.0934	0.0027	-0.0002	-0.0419
Viper	0.0011	[redacted]			-0.0004	-0.0004	-0.0237	0.1000	0.0037	-0.0028	0.0764
Virgil	0.0000	8.17	78.25%	10.43	-0.0456	-0.0258	-0.0356	0.0371	0.0042	-0.0021	-0.0678
Virgo	0.0018	[redacted]			-0.0024	-0.0451	-0.0450	0.0141	0.0020	-0.0001	-0.0765
Vise	0.0037	[redacted]			-0.0290	-0.0715	-0.0889	0.0270	0.0044	-0.0001	-0.1581
Vita	0.0000	2.47	84.48%	2.93	-0.0111	-0.0060	-0.0169	0.0317	0.0039	-0.0009	0.0007
Vitamin	0.0000	8.41	70.30%	11.96	-0.0229	-0.0727	-0.1075	0.0314	0.0025	-0.0013	-0.1705
Vogan	0.1358	0.94	64.36%	1.46	-0.0096	0.0000	-0.0027	0.0132	0.0027	0.0000	0.0036
Volney	0.0000	7.40	61.88%	11.96	-0.0208	-0.0070	-0.0359	0.0316	0.0060	-0.0007	-0.0268
Volpe	-0.0130	10.65	89.03%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Volturno	1.6808	7.40	61.90%	11.96	-0.0633	-0.0109	-0.0395	0.0543	0.0057	-0.0008	-0.0545
Volvo	8.9789	11.73	98.12%	11.96	-0.0090	0.0000	-0.0058	0.0061	0.0021	0.0000	-0.0066
Von	0.0063	[redacted]			-0.0054	-0.0733	-0.0961	0.0169	0.0009	-0.0007	-0.1577
Vortex	0.0017	7.37	61.64%	11.96	-0.0415	-0.0387	-0.0521	0.1156	0.0032	-0.0031	-0.0166
Vossler	0.0012	4.18	68.65%	6.09	-0.0045	-0.0040	-0.0109	0.0124	0.0063	0.0000	-0.0007
Voyager	0.0021	[redacted]			-0.0110	-0.0589	-0.0704	0.0271	0.0038	-0.0007	-0.1101
Vulcan	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vultair	0.0000	[redacted]			-0.0245	-0.0369	-0.0733	0.0355	0.0033	-0.0003	-0.0962
Vultee	2.5660	[redacted]			-0.0146	-0.0604	-0.1007	0.0583	0.0036	-0.0024	-0.1162
Waco	0.0000	5.48	45.80%	11.96	-0.0238	-0.0398	-0.0331	0.0406	0.0047	0.0011	-0.0503
Wadsworth	0.0000	2.02	84.77%	2.39	0.0000	0.0000	-0.0046	0.0941	0.0081	-0.0007	0.0969
Wagner	0.0011	2.89	98.57%	2.93	-0.0011	-0.0021	-0.0131	0.0624	0.0030	-0.0019	0.0472
Wahlstrom	0.0046	9.80	81.96%	11.96	-0.0233	-0.0197	-0.0587	0.0943	0.0060	-0.0015	-0.0029
Wahoo	0.0057	10.17	85.05%	11.96	-0.0410	-0.0265	-0.0578	0.1287	0.0036	-0.0012	0.0058
Wainwright	0.2935	9.57	80.01%	11.96	-0.0238	-0.0433	-0.0809	0.1400	0.0031	-0.0008	-0.0057
Waite	0.0095	11.04	92.30%	11.96	-0.0475	-0.0042	-0.0345	0.0887	0.0078	-0.0006	0.0097
Walgrove	0.0000	5.44	33.61%	16.18	-0.0065	-0.0314	-0.0515	0.0894	0.0022	0.0000	0.0022
Wallace	0.0000	8.58	71.79%	11.96	-0.0042	-0.0048	-0.0353	0.0277	0.0035	-0.0028	-0.0159
Walnut Park	0.0000	2.15	90.25%	2.39	0.0000	0.0000	-0.0044	0.0210	0.0038	-0.0003	0.0201
Walrus	0.0000	[redacted]			-0.0036	-0.0399	-0.0486	0.0215	0.0008	-0.0002	-0.0700
Walter	1.2830	[redacted]			-0.0332	-0.0588	-0.0757	0.0346	0.0036	0.0002	-0.1293
Wanda	1.6537	[redacted]			-0.0105	-0.0397	-0.0647	0.1737	0.0104	-0.0022	0.0670
Wapello	0.0002	2.45	89.00%	2.75	-0.0106	0.0000	-0.0075	0.0858	0.0035	0.0000	0.0712
Ward	0.0000	1.97	82.33%	2.39	-0.0075	-0.0018	-0.0123	0.0267	0.0031	-0.0004	0.0078
Wardell	0.0004	10.96	91.69%	11.96	-0.1305	-0.0158	-0.0363	0.0405	0.0066	-0.0006	-0.1361
Wardlow	0.0005	1.71	58.53%	2.93	-0.0050	-0.0084	-0.0081	0.0306	0.0021	0.0000	0.0112
Warhawk	0.0087	5.85	48.94%	11.96	-0.0962	-0.0038	-0.0363	0.1611	0.0073	-0.0005	0.0316
Warm Creek	0.0024	[redacted]			-0.0144	-0.1000	-0.1058	0.0233	0.0031	0.0003	-0.1935
Warman	1.1917	[redacted]			-0.0054	-0.0138	-0.0193	0.0121	0.0017	-0.0005	-0.0252
Warriors	0.0013	9.78	81.81%	11.96	-0.0220	-0.0384	-0.1139	0.1859	0.0127	-0.0088	0.0155
Wash	0.0139	[redacted]			-0.0288	-0.0623	-0.1807	0.0918	0.0050	-0.0019	-0.1769
Wasp	0.0000	8.71	61.71%	14.12	-0.0073	-0.0629	-0.0983	0.0780	0.0022	-0.0010	-0.0893
Waterfield	0.0000	7.23	60.47%	11.96	0.0000	0.0000	-0.0459	0.0949	0.0052	-0.0073	0.0469
Waterman	0.0000	9.92	83.00%	11.96	-0.0131	-0.0504	-0.0580	0.0402	0.0028	-0.0025	-0.0810
Waterway	0.2024	9.98	83.47%	11.96	-0.0157	-0.0238	-0.0549	0.0188	0.0041	-0.0006	-0.0721
Waterwheel	0.0000	1.03	49.22%	2.09	-0.0179	-0.0007	-0.0028	0.0053	0.0010	0.0000	-0.0151

Facility	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Turnbull	0.0079	9.49	79.39%
Turner	0.0078	[redacted]	
Turnout	0.9610	8.50	81.45%
Turnpike	0.0000	11.78	72.81%
Turntable	3.2212	[redacted]	
Turtle	0.2849	9.05	75.70%
Tussing	0.0047	9.11	86.20%
Twain	0.0105	9.23	77.20%
Tweedy	0.0000	2.19	80.99%
Twenty Six St	0.0005	[redacted]	
Twin Butte	0.1905	6.32	60.54%
Twin Lakes	0.0092	13.19	81.51%
Twin Peaks	0.0000	[redacted]	
Twining	0.0360	[redacted]	
Twister	0.0034	7.87	65.81%
Tyburn	0.0000	0.00	0.00%
Tyhard	0.0036	[redacted]	
Tyler	0.0016	0.93	31.77%
Typhoon	0.4773	[redacted]	
Ulmer	0.0000	0.00	0.00%
Underwood	0.1125	[redacted]	
Underworld	-0.0026	[redacted]	
Unicorn	0.0000	9.55	79.88%
Union	0.0098	[redacted]	
Union Pacific	4.0523	[redacted]	
Unity	0.0002	2.60	88.84%
Unruh	0.0000	9.19	86.98%
Unser	0.0119	8.86	74.12%
Uranium	0.0025	9.22	77.13%
Urbita	0.0025	10.12	84.61%
Utah	0.0000	[redacted]	
Utopia	0.0059	[redacted]	
Vaca	0.3813	4.99	41.75%
Vadar	0.3198	[redacted]	
Val Verde	1.8967	[redacted]	
Valente	3.8229	[redacted]	
Valiant	0.0025	9.98	83.49%
Valinda	0.0000	[redacted]	
Vallecito	0.8069	10.42	73.78%
Valmonte	0.0005	1.46	64.69%
Valnett	0.0000	2.40	118.77%
Valsun	0.0029	8.81	75.08%
Valve	0.0069	[redacted]	
Van Brocklin	0.0015	5.96	49.85%
Van Buren	0.0009	9.09	76.05%
Van Camp	0.0008	[redacted]	
Van Wick	0.0007	2.77	94.52%
Vancouver	0.0122	2.87	98.00%
Vandalia	0.0000	6.88	61.78%
Vanguard	0.0000	[redacted]	
Vaquero	0.0009	7.75	47.92%
Vardon	0.0054	[redacted]	
Vargas	0.0140	8.57	71.65%
Varsity	0.0024	[redacted]	
Vasco	0.0003	[redacted]	
Vasquez	0.0037	13.32	82.33%
Vassal	0.2510	[redacted]	
Vecino	0.0057	10.28	86.01%
Velardo	0.0001	10.11	84.59%
Vella	0.0000	6.24	18.93%
Velma	3.3124	8.35	86.32%
Vengeance	0.1906	[redacted]	
Venus	0.0000	1.20	41.07%
Vera Cruz	0.0105	9.11	76.18%
Verbena	0.2846	9.63	91.12%
Verde	0.0000	1.61	67.40%
Verdemont	6.7253	[redacted]	
Verdi	0.0007	8.37	69.98%
Verdugo	0.0064	15.97	98.71%
Verdun	0.0007	2.44	87.19%
Vermont	0.0000	8.67	82.11%
Verona	0.0078	2.56	87.52%
Veterans	0.0206	10.35	73.34%
Via Huerto	0.0003	0.41	44.32%
Via Norte	1.1288	7.79	65.12%
Viaduct	0.0007	1.51	51.65%
Viaverde	0.0000	11.09	92.75%
Vicasa	0.0157	15.42	95.35%
Vicentia	0.0006	[redacted]	
Vicki	0.0138	9.13	76.32%
Video	0.0117	7.09	50.22%
Viento	0.0205	10.09	96.70%
Viking	0.0000	2.72	92.93%
Villa	0.0063	2.10	71.82%
Village	0.0000	2.63	93.97%
Viminal	0.0100	9.57	80.01%
Vine	1.2644	[redacted]	
Vineyard	1.3199	12.48	82.10%
Violet	0.0005	1.53	67.89%
Violin	0.0000	[redacted]	
Viper	0.0014	[redacted]	
Virgil	0.0000	8.14	78.04%
Virgo	0.0075	[redacted]	
Vise	0.0042	[redacted]	
Vita	0.0000	2.49	85.14%
Vitamin	0.0000	8.35	69.86%
Vogan	0.1419	0.95	64.90%
Volney	0.0000	7.39	61.81%
Volpe	-0.0131	10.65	89.03%
Volturno	3.3832	9.23	77.23%
Volvo	8.9838	11.74	98.15%
Von	0.0072	[redacted]	
Vortex	0.0029	7.37	61.60%
Vossler	0.0019	4.18	68.67%
Voyager	0.0023	[redacted]	
Vulcan	0.0000	[redacted]	
Vultair	0.0000	[redacted]	
Vultee	2.5660	[redacted]	
Waco	0.0000	5.46	45.64%
Wadsworth	0.0000	2.05	85.86%
Wagner	0.0019	2.90	99.08%
Wahlstrom	0.0046	9.80	81.93%
Wahoo	0.0096	10.18	85.15%
Wainwright	0.3112	9.58	80.09%
Waite	0.0163	11.05	92.42%
Walgrove	0.0000	5.46	33.75%
Wallace	0.0000	8.58	71.77%
Walnut Park	0.0000	2.16	90.60%
Walrus	0.0000	[redacted]	
Walter	1.3203	[redacted]	
Wanda	1.8811	[redacted]	
Wapello	0.0004	2.47	89.84%
Ward	0.0000	1.97	82.43%
Wardell	0.0007	10.92	91.33%
Wardlow	0.0005	1.72	58.83%
Warhawk	0.1294	5.99	50.12%
Warm Creek	0.0033	[redacted]	
Warman	1.2523	[redacted]	
Warriors	0.0016	9.77	81.69%
Wash	0.0239	[redacted]	
Wasp	0.0000	8.70	61.61%
Waterfield	0.0001	7.25	60.61%
Waterman	0.0000	9.90	82.80%
Waterway	0.2775	10.05	84.07%
Waterwheel	0.0000	1.03	49.19%

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
11.96	-0.0401	-0.0456	-0.0981	0.1491	0.0067	-0.0012	-0.0292	0.0117	9.49	79.39%	11.96	-0.0495	-0.0554	-0.1194	0.1829	0.0103	-0.0017	-0.0328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0258	-0.0549	-0.0784	0.0158	0.0061	-0.0046	-0.1418	0.0080	[redacted]			-0.0329	-0.0698	-0.0950	0.0197	0.0094	-0.0053	-0.1739	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0122	-0.0375	-0.0911	0.0256	0.0049	-0.0031	-0.1134	0.9651	8.48	81.27%	10.43	-0.0141	-0.0435	-0.1123	0.0321	0.0068	-0.0041	-0.1351	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0119	-0.0898	-0.1134	0.1396	0.0063	-0.0020	-0.0712	0.0000	11.76	72.70%	16.18	-0.0149	-0.1146	-0.1366	0.1722	0.0084	-0.0026	-0.0881	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0163	-0.1031	-0.1299	0.0166	0.0042	-0.0015	-0.2300	3.7581	[redacted]			-0.0204	-0.1334	-0.1586	0.0203	0.0063	-0.0018	-0.2876	0.43	1.20	0.00	0.00	0.54	[redacted]				
11.96	-0.0487	-0.0230	-0.0740	0.2766	0.0129	-0.0048	0.1390	0.5780	9.38	78.48%	11.96	-0.0647	-0.0304	-0.0912	0.3316	0.0189	-0.0056	0.1586	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.1274	-0.0123	-0.0605	0.1246	0.0096	-0.0002	-0.0662	0.0076	9.09	86.04%	10.57	-0.1637	-0.0159	-0.0742	0.1550	0.0141	-0.0001	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0354	-0.0065	-0.0224	0.0301	0.0046	0.0000	-0.0296	0.0232	8.76	73.26%	11.96	-0.0462	-0.0082	-0.0267	0.0375	0.0068	0.0000	-0.0368	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.71	0.0000	0.0000	-0.0047	0.0413	0.0041	0.0008	0.0415	0.0000	2.20	81.42%	2.71	0.0000	0.0000	-0.0058	0.0521	0.0056	0.0010	0.0529	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0023	-0.0141	-0.0167	0.0323	0.0021	-0.0001	0.0012	0.0007	[redacted]			-0.0029	-0.0183	-0.0204	0.0399	0.0033	0.0000	0.0016	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0353	-0.0234	-0.0297	0.0662	0.0127	0.0020	-0.0075	0.1972	6.33	60.65%	10.43	-0.0391	-0.0264	-0.0355	0.0797	0.0165	0.0015	-0.0033	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0321	-0.0088	-0.0427	0.2207	0.0085	-0.0049	0.1407	0.0092	13.21	81.67%	16.18	-0.0435	-0.0120	-0.0523	0.2638	0.0127	-0.0054	0.1633	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0366	0.0012	-0.0001	0.0377	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0473	0.0012	-0.0001	0.0484	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0055	-0.0931	-0.1130	0.0665	0.0016	-0.0001	-0.1436	0.1884	[redacted]			-0.0068	-0.1191	-0.1376	0.0877	0.0017	-0.0002	-0.1743	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0287	-0.0360	-0.0668	0.1076	0.0081	-0.0039	-0.0197	0.0067	7.86	65.74%	11.96	-0.0368	-0.0476	-0.0817	0.1290	0.0118	-0.0048	-0.0301	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0039	-0.0818	-0.1072	0.0161	0.0033	-0.0008	-0.1743	0.0036	[redacted]			-0.0048	-0.1042	-0.1300	0.0199	0.0043	-0.0010	-0.2158	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0015	-0.0008	-0.0060	0.0262	0.0032	-0.0011	0.0200	0.0035	0.94	32.00%	2.93	-0.0020	-0.0010	-0.0074	0.0314	0.0045	-0.0014	0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1174	-0.0450	-0.0821	0.2912	0.0087	-0.0013	0.0541	0.4773	[redacted]			-0.1503	-0.0573	-0.0963	0.3606	0.0143	-0.0014	0.0696	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0113	-0.0198	-0.1139	0.0624	0.0066	-0.0107	-0.0867	0.1125	[redacted]			-0.0147	-0.0252	-0.1389	0.0764	0.0091	-0.0132	-0.1065	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0028	-0.0008	-0.0516	0.0990	0.0048	-0.0090	0.0396	-0.0023	[redacted]			-0.0035	-0.0010	-0.0626	0.1192	0.0070	-0.0122	0.0469	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0217	-0.1308	-0.1131	0.0387	0.0033	0.0002	-0.2234	0.0000	9.50	79.42%	11.96	-0.0262	-0.1664	-0.1377	0.0491	0.0045	0.0002	-0.2765	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0054	-0.0837	-0.0960	0.0261	0.0013	-0.0008	-0.1585	0.0196	[redacted]			-0.0066	-0.1065	-0.1161	0.0338	0.0016	-0.0010	-0.1948	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0087	-0.1166	-0.1430	0.0389	0.0051	-0.0004	-0.2247	4.0529	[redacted]			-0.0110	-0.1485	-0.1720	0.0508	0.0068	-0.0005	-0.2744	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0078	0.0000	-0.0076	0.0563	0.0055	0.0000	0.0464	0.0002	2.61	89.21%	2.93	-0.0100	0.0000	-0.0094	0.0678	0.0078	0.0000	0.0562	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0536	-0.0413	-0.0744	0.1018	0.0065	-0.0021	-0.0631	0.0000	9.17	86.81%	10.57	-0.0713	-0.0524	-0.0910	0.1281	0.0096	-0.0026	-0.0796	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0192	-0.0167	-0.0571	0.0983	0.0092	-0.0009	0.0136	0.0260	8.88	74.25%	11.96	-0.0252	-0.0228	-0.0703	0.1195	0.0137	-0.0011	0.0138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0460	-0.0259	-0.0490	0.1250	0.0083	-0.0005	0.0119	0.0087	9.25	77.34%	11.96	-0.0521	-0.0299	-0.0597	0.1595	0.0122	-0.0007	0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0637	-0.0053	-0.0467	0.1222	0.0106	-0.0004	0.0167	0.0039	10.12	84.63%	11.96	-0.0820	-0.0068	-0.0574	0.1473	0.0161	-0.0005	0.0167	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0079	-0.0026	-0.0394	0.0290	0.0060	-0.0060	-0.0209	0.0000	[redacted]			-0.0116	-0.0040	-0.0480	0.0357	0.0090	-0.0072	-0.0261	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0287	-0.0780	-0.1062	0.0580	0.0039	-0.0016	-0.1526	0.0087	[redacted]			-0.0369	-0.0993	-0.1296	0.0721	0.0056	-0.0020	-0.1901	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0519	-0.0161	-0.0420	0.2078	0.0076	-0.0001	0.1053	0.6952	5.35	44.78%	11.96	-0.0676	-0.0208	-0.0514	0.2507	0.0110	-0.0001	0.1218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0397	-0.0480	-0.0674	0.0626	0.0030	-0.0007	-0.0902	0.3257	[redacted]			-0.0508	-0.0612	-0.0821	0.0789	0.0049	-0.0007	-0.1110	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0029	-0.0808	-0.1193	0.0699	0.0012	-0.0004	-0.1323	1.8967	[redacted]			-0.0036	-0.1030	-0.1460	0.0980	0.0013	-0.0005	-0.1538	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0062	-0.0881	-0.0759	0.0300	0.0025	-0.0001	-0.1378	3.8342	[redacted]			-0.0076	-0.1120	-0.0922	0.0403	0.0033	-0.0001	-0.1683	0.00	0.11	2.89	2.85	2.80	[redacted]				
11.96	-0.0511	-0.0307	-0.0705	0.1803	0.0073	-0.0063	0.0290	0.0049	9.98	83.51%	11.96	-0.0660	-0.0390	-0.0862	0.2172	0.0109	-0.0079	0.0290	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0259	-0.0362	-0.0677	0.0853	0.0063	-0.0021	-0.0403	0.0000	[redacted]			-0.0335	-0.0459	-0.0828	0.1042	0.0093	-0.0026	-0.0513	3.33	3.33	3.33	3.25	3.25	[redacted]				
14.12	0.0000	0.0000	-0.0785	0.4089	0.0456	-0.0197	0.3563	0.8194	10.51	74.46%	14.12	0.0000	0.0000	-0.0953	0.4943	0.0610	-0.0250	0.4350	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0045	0.1381	0.0172	-0.0016	0.1492	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.02	-0.0016	-0.0004	-0.0091	0.0824	0.0053	-0.0007	0.0759	0.0000	2.42	119.62%	2.02	-0.0020	-0.0005	-0.0112	0.0987	0.0074	-0.0010	0.0914	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0241	-0.0619	-0.1210	0.0704	0.0045	-0.0016	-0.1337	0.0036	8.79	74.86%	11.74	-0.0296	-0.0740	-0.1480	0.0874	0.0070	-0.0020	-0.1592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0412	-0.0703	-0.0911	0.4105	0.0095	-0.0004	0.2170	0.0138	[redacted]			-0.0524	-0.0893	-0.1125	0.5143	0.0125	-0.0006	0.2720	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0657	-0.0547	-0.1029	0.1301	0.0089	-0.0003	-0.0846	0.0021	5.94	49.70%	11.96	-0.0852	-0.0696	-0.1217	0.1602	0.0139	-0.0004	-0.1028	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0780	-0.0440	-0.0794	0.1553	0.0069	-0.0014	-0.0406	0.0032	9.08	75.94%	11.96	-0.1001	-0.0559	-0.0971	0.1894	0.0103	-0.0018	-0.0552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0024	-0.0174	-0.0268	0.0293	0.0039	0.0004	-0.0130	0.0011	[redacted]			-0.0029	-0.0222	-0.0335	0.0375	0.0039	0.0005	-0.0167	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0018	-0.0016	-0.0151	0.0720	0.0089	-0.0016	0.0608	0.0009	2.00	68.39%	2.93	-0.0022	-0.0020	-0.0192	0.0865	0.0116	-0.0022	0.0725	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0061	-0.0080	-0.0201	0.0261	0.0050	-0.0016	-0.0047	0.0128	2.87	97.96%	2.93	-0.0080	-0.0101	-0.0247	0.0314	0.0071	-0.0020	-0.0063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.13	-0.0395	-0.0283	-0.0671	0.0746	0.0072	-0.0085	-0.0616	0.0000	6.86	61.66%	11.13	-0.0497	-0.0360	-0.0807	0.0922	0.0100	-0.0105	-0.0747	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0014	0.0323	0.0199	-0.0002	0.0506	0.0000	[redacted]			0.0000	0.0000	-0.0018	0.0416	0.0278	-0.0003	0.0673	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0110	-0.0832	-0.1087	0.0480	0.0083	0.0007	-0.1459	0.0018	7.72	47.70%	16.18	-0.0138	-0.1060	-0.1314	0.0598	0.0114	0.0009	-0.1791	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0144	-0.0387	0.1218	0.0070	0.0029	0.0758	0.0152	[redacted]			-0.0028	-0.0144	-0.0451	0.1524	0.0085	0.0040	0.1026	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0718	-0.0081	-0.0426	0.0638	0.0085	-0.0004	-0.0506	0.0331	8.57	71.66%	11.96	-0.0943	-0.0103	-0.0527	0.0771	0.0126	-0.0005	-0.0681	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0101	-0.1103	-0.0941	0.0122	0.0024	0.0014	-0.1985	0.0036	[redacted]			-0.0122	-0.1405	-0.1138	0.0152	0.0025	0.0016	-0.2472	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0057	-0.1338	-0.1234	0.0151	0.0301	0.0005	-0.2172	0.0003	[redacted]			-0.0070	-0.1705	-0.1461	0.0188	0.0299	0.0006	-0.2743	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0515	-0.0043	-0.0442	0.2300	0.0074	-0.0053	0.1321	0.0050	15.84	97.89%	16.18	-0.0603	-0.0051	-0.0548	0.2796	0.0109	-0.0074	0.1629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0257	-0.0601	-0.0790	0.0642	0.0057	-0.0027	-0.0976	0.2510	[redacted]			-0.0312	-0.0764	-0.0951	0.0809	0.0087	-0.0033	-0.1164	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0189	-0.0394	-0.0738	0.1259	0.0070	-0.0024	-0.0016	0.0085	10.29	86.04%	11.96	-0.0233	-0.0500	-0.0896	0.1546	0.0105	-0.0026	-0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1784	-0.0565	-0.0718	0.1148	0.0097	-0.0010	-0.1832	0.0001	10.06	84.17%	11.96	-0.2218	-0.0725	-0.0879	0.1405	0.0146	-0.0013	-0.2284	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.0671	0.0000	-0.0324	0.0425	0.0098	-0.0004	-0.0476	0.0000	6.23	18.91%	32.93	-0.0818	0.0000	-0.0398	0.0520	0.0149	-0.0005	-0.0552	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.68	-0.0078	-0.0601	-0.0782	0.0437	0.0033	-0.0043	-0.1034	3.4809	8.51	87.93%	9.68	-0.0099	-0.0764	-0.0958	0.0556	0.0048	-0.0053	-0.1270	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	-0.0503	0.2134	0.0092	-0.0005	0.1718	0.5535	[redacted]			0.0000	0.0000	-0.0607	0.2790	0.0142	-0.0006	0.2319	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0225	-0.0004	-0.0131	0.1277	0.0079	0.0000	0.0996	0.0000	1.23	41.86%	2.93	-0.0285	-0.0005	-0.0163	0.1559	0.0108	0.0000	0.1214	0.11	0.14	0.16	0.19	0.21	3.76%	4.78%	5.46%	6.49%	7.17%
11.96	-0.0803	-0.0335	-0.0682	0.2699	0.0080	-0.0043	0.0916	0.0214	9.14	76.44%	11.96	-0.1016	-0.0415	-0.0832	0.3285	0.0121	-0.0054	0.1089	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0555	-0.0412	-0.0866	0.1496	0.0107	-0.0059	-0.0289	0.2846	9.61	91.00%	10.57	-0.0709	-0.0523	-0.1057	0.1807	0.0158	-0.0074	-0.0398	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0040	0.0418	0.0059	-0.0008	0.0429	0.0000	1.62	67.92%	2.39	0.0000	0.0000	-0.0049	0.0510	0.0089	-0.0010	0.0540	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1031	-0.2657	-0.1502	0.1793	0.0292	-0.0019	-0.3124	6.7253	[redacted]			-0.1256	-0.3427	-0.1837	0.2273	0.0416	-0.0026	-0.3857	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0263	-0.0069	-0.0427	0.2148	0.0105	-0.0004	0.1490	0.0016	8.41	70.30%	11.96	-0.0325	-0.0088	-0.0505	0.2583	0.0165	-0.0005	0.1825	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0277	-0.0213	-0.0655	0.9354	0.0080	-0.0040	0.8249	0.0080	16.15	99.85%	16.18	-0.0348	-0.0270	-0.0801	1.1273	0.0120	-0.0050	0.9924	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	0.0000	0.0000	-0.0057	0.0900	0.0179	-0.0007	0.1015	0.0015	2.46	87.97%	2.80	0.0000	0.0000	-0.0072	0.1055	0.0243	-0.0010	0.1216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0309	-0.0197	-0.0463	0.1191	0.0085	-0.0034	0.0273	0.0000	8.68	82.18%	10.57	-0.0376	-0.0244	-0.0567	0.1447	0.0128	-0.0043	0.0345	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0033	-0.0262	-0.0306	0.0127	0.0038	-0.0028	-0.0464	0.0082	2.55	87.19%	2.93	-0.0040	-0.0317	-0.0375	0.0156	0.0055	-0.0036	-0.0557	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0615	-0.0461	-0.0932	0.3183	0.0077	-0.0008	0.1244	0.0555	10.43	73.91%	14.12	-0.0752	-0.0550	-0.1160	0.3983	0.0125	-0.0015	0.1631	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.92	0.0000	0.0000	-0.0012	0.0230	0.0101	-0.0004	0.0315	0.0004	0.41	45.22%	0.92	0.0000	0.0000	-0.0015	0.0279	0.0132	-0.0005	0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0325	-0.0990	-0.0916	0.0254	0.0007	-0.0045	-0.2015	1.5575	8.95	74.85%	11.96	-0.0393	-0.1257	-0.1119	0.0310	0.0010	-0.0059	-0.2508	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0044	-0.0029	-0.0110	0.0143	0.0035	-0.0005	-0.0010	0.0014	2.06	70.23%	2.93	-0.0048	-0.0032	-0.0134	0.0174	0.0054	-0.0007	0.0007	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0434	-0.0123	-0.0495	0.1949	0.0065	-0.0003	0.0959	0.0000	11.11	92.95%	11.96	-0.0542	-0.0157	-0.0602	0.2385	0.0098	-0.0003	0.1179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0511	-0.0106	-0.0823	0.4577	0.0134	-0.0046	0.3225	0.0326	15.53	95.99%	16.18	-0.0580	-0.0119	-0.1003	0.5569	0.0185	-0.0058	0.3994	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0124	-0.0949	-0.0982	0.0408	0.0115	0.0021	-0.1511	0.0013	[redacted]			-0.0147	-0.1180	-0.1141	0.0507	0.0157	0.0029	-0.1775	2.17	2.11	2.07	2.04	2.00	[redacted]				
11.96	-0.0450	-0.0437	-0.0837	0.1068	0.0073	-0.0011	-0.0594	0.0276	9.12	76.30%	11.96	-0.0594	-0.0560	-0.1022	0.1327	0.0101	-0.0013	-0.0761	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0316	-0.0014	-0.0149	0.1798	0.0047	0.0000	0.1366	0.0235	7.13	50.54%	14.12	-0.0410	-0.0018	-0.0182	0.2202	0.0070	0.0000	0.1662	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0476	-0.0407	-0.1205	0.2366	0.0083	-0.0070	0.0291	0.0423	10.17	97.46%	10.43	-0.0641	-0.0547	-0.1466	0.3422	0.0122	-0.0083	0.0807	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0004	0.0000	-0.0076	0.1079	0.0065	-0.0061	0.1003	0.0000	2.75	93.73%	2.93	-0.0005	0.0000	-0.0093	0.1310	0.0100	-0.0086	0.1226	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0176	-0.0074	-0.0132	0.1287	0.0045	-0.0008	0.0942	0.0320	2.15	73.44%	2.93	-0.0230	-0.0094	-0.0165	0.1571	0.0061	-0.0010	0.1133	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.80	-0.0070	-0.0011	-0.0123	0.0342	0.0060	-0.0004	0.0194	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.10	0.10	0.10	0.10	0.00	3.57%	3.57%	3.57%	3.57%	0.00%
11.96	-0.0602	-0.0148	-0.0452	0.0746	0.0087	-0.0003	-0.0372	0.0199	9.57	80.08%	11.96	-0.0712	-0.0183	-0.0552	0.0934	0.0130	-0.0004	-0.0387	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0440	-0.0609	-0.0646	0.0441	0.0034	-0.0003	-0.1223	1.2654	[redacted]			-0.0536	-0.0775	-0.0793	0.0564	0.0051	-0.0004	-0.1493	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.21	-0.0434	-0.0335	-0.1430	0.5061	0.0235	-0.0099	0.2998	1.3199	12.56	82.57%	15.21	-0.0505	-0.0394	-0.1758	0.6135	0.0353	-0.0141	0.3690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	0.0000	0.0000	-0.0049	0.0658	0.0205	-0.0013	0.0801	0.0009	1.55	68.61%	2.26	-0.0008	-0.0001	-0.0071	0.0815	0.0231	-0.0016	0.0950	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0323	-0.0611	-0.0863	0.1238	0.0043	-0.0002	-0.0518	0.0000	[redacted]			-0.0403	-0.0764	-0.1052	0.1524	0.0065	-0.0003	-0.0633	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0006	-0.0006	-0.0308	0.1305	0.0061	-0.0038	0.1008	0.0019	[redacted]			-0.0036	-0.0052	-0.0390	0.1565	0.0087	-0.0047	0.1127	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0604	-0.0348	-0.0464	0.0491	0.0066	-0.0027	-0.0886	0.0000	8.12	77.84%	10.43	-0.0751	-0.0443	-0.0561	0.0608	0.0093	-0.0033	-0.1087	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0033	-0.0637	-0.0554	0.0179	0.0024	-0.0001	-0.1022	0.0218	[redacted]			-0.0042	-0.0834	-0.0667	0.0217	0.0032	-0.0001	-0.1295	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0401	-0.0972	-0.1142	0.0361	0.0077	-0.0001	-0.2078	0.0053	[redacted]			-0.0528	-0.1244	-0.1361	0.0452	0.0104	-0.0001	-0.2578	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0111	-0.0060	-0.0190	0.0476	0.0082	-0.0009	0.0188	0.0000	2.51	85.79%	2.93	-0.0111	-0.0060	-0.0210	0.0630	0.0126	-0.0009	0.0366	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0307	-0.0980	-0.1385	0.0451	0.0041	-0.0017	-0.2197	0.0000	8.30	69.39%	11.96	-0.0391	-0.1247	-0.1714	0.0586	0.0066	-0.0023	-0.2723	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.46	-0.0133	0.0000	-0.0035	0.0175	0.0043	0.0000	0.0050	0.1421	0.95	64.97%	1.46	-0.0176	0.0000	-0.0043	0.0217	0.0061	0.0000	0.0059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0282	-0.0094	-0.0475	0.0410	0.0102	-0.0009	-0.0348	0.0000	7.38	61.73%	11.96	-0.0364	-0.0119	-0.0581	0.0495	0.0148	-0.0011	-0.0432	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0171	10.64	89.00%	11.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0686	-0.0120	-0.0510	0.0744	0.0095	-0.0022	-0.0499	4.7232	10.68	89.29%	11.96	-0.0736	-0.0131	-0.0622	0.0925	0.0143	-0.0037	-0.0458	0.00	0.00	0.11	1.93	3.40	0.00%	0.00%	0.92%	16.08%	28.33%
11.96	-0.0117	0.0000	-0.0076	0.0081	0.0034	0.0000	-0.0078	9.0039	11.76	98.33%	11.96	-0.0141	0.0000	-0.0093	0.0100	0.0049	0.0000	-0.0085	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0072	-0.0997	-0.1254	0.0222	0.0010	-0.0008	-0.2099	0.0090	[redacted]			-0.0089	-0.1276	-0.1528	0.0275	0.0011	-0.0009	-0.2616	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0559	-0.0522	-0.0661	0.1510	0.0053	-0.0040	-0.0219	0.0057	7.36	61.56%	11.96	-0.0708	-0.0664	-0.0791	0.1842	0.0078	-0.0050	-0.0293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.09	-0.0059	-0.0054	-0.0139	0.0165	0.0085	0.0000	-0.0002	0.0031	4.18	68.69%	6.09	-0.0072	-0.0069	-0.0167	0.0205	0.0104	0.0000	0.0001	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0146	-0.0795	-0.0900	0.0371	0.0056	-0.0008	-0.1422	0.0023	[redacted]			-0.0180	-0.1012	-0.1074	0.0471	0.0074	-0.0009	-0.1730	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0345	-0.0504	-0.0960	0.0456	0.0057	-0.0004	-0.1300	0.0000	[redacted]			-0.0462	-0.0646	-0.1173	0.0555	0.0079	-0.0005	-0.1652	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0159	-0.0661	-0.1322	0.0835	0.0067	-0.0041	-0.1281	2.5660	[redacted]			-0.0211	-0.0876	-0.1616	0.1014	0.0094	-0.0052	-0.1647	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0319	-0.0542	-0.0431	0.0531	0.0070	0.0011	-0.0680	0.0001	5.44	45.49%	11.96	-0.0396	-0.0691	-0.0526	0.0655	0.0099	0.0011	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0062	0.1168	0.0126	-0.0014	0.1218	0.0000	2.07	86.88%	2.39	0.0000	0.0000	-0.0077	0.1378	0.0169	-0.0021	0.1449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0014	-0.0028	-0.0174	0.0798	0.0050	-0.0025	0.0607	0.0039	2.92	99.61%	2.93	-0.0017	-0.0036	-0.0214	0.0961	0.0070	-0.0032	0.0732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0314	-0.0266	-0.0766	0.1216	0.0098	-0.0020	-0.0052	0.0046	9.79	81.90%	11.96	-0.0402	-0.0338	-0.0941	0.1469	0.0149	-0.0025	-0.0088	0.79	0.79	0.75	0.75	0.75	131.67%	131.67%	125.00%	125.00%	125.00%
11.96	-0.0552	-0.0357	-0.0748	0.1733	0.0060	-0.0016	0.0120	0.0189	10.19	85.26%	11.96	-0.0707	-0.0454	-0.0913	0.2160	0.0089	-0.0020	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0329	-0.0598	-0.1046	0.1791	0.0049	-0.0011	-0.0144	0.3237	9.58	80.14%	11.96	-0.0431	-0.0792	-0.1244	0.2187	0.0069	0.0004	-0.0207	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0615	-0.0057	-0.0451	0.1153	0.0136	-0.0008	0.0158	0.0334	11.08	92.63%	11.96	-0.0743	-0.0072	-0.0554	0.1395	0.0205	-0.0010	0.0221	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0077	-0.0378	-0.0660	0.1309	0.0036	-0.0002	0.0228	0.0000	5.46	33.78%	16.18	-0.0097	-0.0491	-0.0808	0.1620	0.0055	0.0000	0.0279	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0056	-0.0065	-0.0447	0.0363	0.0057	-0.0037	-0.0185	0.0000	8.58	71.74%	11.96	-0.0070	-0.0082	-0.0551	0.0440	0.0087	-0.0047	-0.0223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	0.0000	0.0000	-0.0058	0.0277	0.0063	-0.0004	0.0278	0.0000	2.17	90.93%	2.39	0.0000	0.0000	-0.0071	0.0341	0.0088	-0.0005	0.0353	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0047	-0.0529	-0.0635	0.0299	0.0013	-0.0004	-0.0903	0.0000	[redacted]			-0.0057	-0.0665	-0.0779	0.0378	0.0020	-0.0006	-0.1109	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0462	-0.0793	-0.0960	0.0463	0.0060	0.0003	-0.1689	1.4792	[redacted]			-0.0615	-0.1010	-0.1156	0.0579	0.0095	0.0004	-0.2103	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0158	-0.0585	-0.0843	0.2172	0.0171	-0.0027	0.0730	2.7903	[redacted]			-0.0217	-0.0784	-0.1019	0.2678	0.0232	-0.0031	0.0859	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.75	-0.0145	0.0000	-0.0098	0.1108	0.0057	0.0000	0.0922	0.0005	2.49	90.58%	2.75	-0.0188	0.0000	-0.0120	0.1334	0.0084	0.0000	0.1110	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0106	-0.0025	-0.0164	0.0345	0.0053	-0.0005	0.0098	0.0000	1.97	82.47%	2.39	-0.0143	-0.0032	-0.0202	0.0415	0.0075	-0.0006	0.0107	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1705	-0.0213	-0.0475	0.0528	0.0115	-0.0008	-0.1758	0.0015	10.88	90.99%	11.96	-0.2091	-0.0270	-0.0584	0.0644	0.0174	-0.0010	-0.2137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0055	-0.0092	-0.0104	0.0410	0.0036	-0.0002	0.0193	0.0005	1.73	59.19%	2.93	-0.0060	-0.0100	-0.0125	0.0532	0.0049	-0.0004	0.0292	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1288	-0.0051	-0.0466	0.2078	0.0117	-0.0007	0.0383	0.6945	6.62	55.35%	11.96	-0.1623	-0.0065	-0.0566	0.2498	0.0176	-0.0009	0.0411	1.61	1.63	1.65	1.30	2.02	15.43%	15.62%	15.81%	12.46%	18.66%
[redacted]	-0.0188	-0.1349	-0.1357	0.0349	0.0045	0.0003	-0.2497	0.0063	[redacted]			-0.0227	-0.1687	-0.1670	0.0478	0.0062	0.0003	-0.3041	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0075	-0.0187	-0.0253	0.0158	0.0029	-0.0006	-0.0334	1.4056	[redacted]			-0.0100	-0.0239	-0.0309	0.0194	0.0040	-0.0007	-0.0421	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0348	-0.0602	-0.1492	0.2366	0.0190	-0.0102	0.0012	0.0022	9.70	81.15%	11.96	-0.0625	-0.1066	-0.1822	0.2765	0.0251	-0.0107	-0.0604	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0327	-0.0697	-0.2372	0.1245	0.0092	-0.0037	-0.2096	0.0491	[redacted]			-0.0373	-0.0776	-0.2901	0.1538	0.0135	-0.0059	-0.2436	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.12	-0.0089	-0.0781	-0.1268	0.1090	0.0039	-0.0020	-0.1029	0.0000	8.67	61.42%	14.12	-0.0116	-0.1046	-0.1498	0.1313	0.0073	-0.0020	-0.1294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	0.0000	0.0000	-0.0588	0.1236	0.0081	-0.0106	0.0623	0.0004	7.27	60.78%	11.96	0.0000	0.0000	-0.0697	0.1500	0.0150	-0.0146	0.0807	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0170	-0.0680	-0.0748	0.0555	0.0045	-0.0033	-0.1031	0.0000	9.88	82.60%	11.96	-0.0207	-0.0864	-0.0919	0.0703	0.0069	-0.0041	-0.1259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0171	-0.0261	-0.0700	0.0263	0.0070	-0.0013	-0.0812	0.4118	10.19	85.21%	11.96	-0.0185	-0.0285	-0.0849	0.0330	0.0106	-0.0020	-0.0903	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.09	-0.0198	-0.0008	-0.0035	0.0072	0.0017	-0.0004	-0.0156	0.0000	1.03	49.17%	2.09	-0.0216	-0.0009	-0.0043	0.0089	0.0026	-0.0008	-0.0161	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023												2024												2025											
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [24]	Facility Loading Limit (MW) [25]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]

2026								2027											Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
2.80	-0.0017	-0.0006	-0.0121	0.0497	0.0056	-0.0010	0.0399	0.0819	2.21	78.87%	2.80	-0.0017	-0.0006	-0.0142	0.0628	0.0083	-0.0012	0.0534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	-0.0151	-0.0684	-0.0883	0.0876	0.0056	-0.0005	-0.0791	0.0000	7.25	68.66%	10.57	-0.0188	-0.0868	-0.1040	0.1085	0.0094	-0.0006	-0.0923	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0150	-0.0336	-0.0305	0.0146	0.0071	0.0009	-0.0565	0.1529	[redacted]			-0.0184	-0.0428	-0.0368	0.0182	0.0084	0.0013	-0.0701	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0039	-0.0762	-0.0950	0.0152	0.0016	-0.0002	-0.1585	2.5250	10.35	63.97%	16.18	-0.0048	-0.0968	-0.1139	0.0193	0.0018	-0.0002	-0.1946	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0188	-0.0008	-0.0043	0.0438	0.0043	0.0000	0.0242	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0365	-0.0592	-0.1035	0.0330	0.0080	-0.0006	-0.1588	1.0795	[redacted]			-0.0460	-0.0754	-0.1261	0.0421	0.0110	-0.0007	-0.1951	0.32	0.32	0.00	0.00	0.00	[redacted]				
2.02	-0.0041	-0.0031	-0.0194	0.0318	0.0057	-0.0031	0.0078	0.0000	1.93	95.72%	2.02	-0.0055	-0.0039	-0.0238	0.0381	0.0081	-0.0040	0.0090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0032	-0.0008	-0.0087	0.0239	0.0044	-0.0004	0.0152	0.0052	1.99	83.25%	2.39	-0.0040	-0.0010	-0.0107	0.0288	0.0066	-0.0005	0.0192	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0063	-0.0580	-0.1170	0.7869	0.0032	-0.0028	0.6060	2.5883	[redacted]			-0.0072	-0.0670	-0.1410	1.0726	0.0045	-0.0043	0.8576	0.00	0.00	0.00	0.00	0.00	[redacted]				
4.17	-0.0022	0.0000	-0.0098	0.0238	0.0044	-0.0064	0.0098	0.0000	2.07	49.70%	4.17	-0.0027	0.0000	-0.0123	0.0289	0.0064	-0.0082	0.0121	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0270	-0.0746	-0.1041	0.0810	0.0051	-0.0025	-0.1221	0.0006	8.84	73.92%	11.96	-0.0338	-0.0948	-0.1261	0.1020	0.0075	-0.0026	-0.1478	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0176	-0.0931	-0.1042	0.0455	0.0047	-0.0014	-0.1661	0.0025	[redacted]			-0.0218	-0.1185	-0.1273	0.0563	0.0066	-0.0018	-0.2065	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0507	-0.0717	-0.1198	0.0756	0.0059	-0.0031	-0.1638	1.4819	[redacted]			-0.0654	-0.0968	-0.1443	0.0923	0.0090	-0.0035	-0.2087	0.00	0.72	0.70	0.67	0.61	[redacted]				
[redacted]	-0.0014	-0.0220	-0.0256	0.0457	0.0034	0.0000	0.0001	0.0015	[redacted]			-0.0017	-0.0277	-0.0312	0.0626	0.0034	0.0000	0.0054	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0230	-0.0388	-0.0228	0.0812	0.0048	0.0014	0.0028	0.0009	4.73	39.57%	11.96	-0.0285	-0.0492	-0.0267	0.1011	0.0094	0.0020	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.98	-0.0008	0.0000	-0.0020	0.0054	0.0096	-0.0003	0.0119	0.0168	0.72	73.75%	0.98	-0.0008	0.0000	-0.0025	0.0068	0.0120	-0.0004	0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.83	-0.0529	-0.0422	-0.0358	0.0067	0.0071	0.0099	-0.1072	0.1041	9.82	83.06%	11.83	-0.0646	-0.0537	-0.0434	0.0087	0.0091	0.0117	-0.1322	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0672	-0.0240	-0.0254	0.0349	0.0069	-0.0008	-0.0756	4.6669	8.11	77.75%	10.43	-0.0876	-0.0315	-0.0305	0.0430	0.0098	-0.0009	-0.0977	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	0.0000	0.0000	-0.0098	0.0865	0.0135	-0.0013	0.0889	0.0093	2.63	89.81%	2.93	0.0000	0.0000	-0.0122	0.1038	0.0175	-0.0017	0.1074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0004	-0.0039	-0.0057	0.0026	0.0019	-0.0008	-0.0063	0.0000	[redacted]			-0.0005	-0.0049	-0.0069	0.0031	0.0027	-0.0010	-0.0075	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.2268	-0.0154	-0.0458	0.0898	0.0096	0.0005	-0.1881	0.0062	10.75	89.93%	11.96	-0.2842	-0.0196	-0.0564	0.1122	0.0144	0.0007	-0.2329	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0655	-0.0369	-0.0388	0.0877	0.0044	-0.0026	-0.0517	0.1126	5.65	54.11%	10.43	-0.0792	-0.0469	-0.0472	0.1074	0.0067	-0.0034	-0.0626	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.74	0.0000	0.0000	-0.0004	0.0004	0.0036	0.0000	0.0036	0.0005	0.08	4.66%	1.74	0.0000	0.0000	-0.0004	0.0005	0.0080	0.0000	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0028	-0.0591	-0.0754	0.0255	0.0028	-0.0004	-0.1094	0.0125	[redacted]			-0.0034	-0.0753	-0.0911	0.0327	0.0036	-0.0005	-0.1340	0.00	0.00	0.00	0.00	0.00	[redacted]				
1.91	-0.0104	-0.0008	-0.0081	0.0504	0.0029	0.0000	0.0340	0.0008	1.77	92.61%	1.91	-0.0129	-0.0010	-0.0097	0.0615	0.0047	0.0000	0.0426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0108	-0.0814	-0.1313	0.0667	0.0034	-0.0014	-0.1548	0.0125	8.62	72.13%	11.96	-0.0136	-0.1036	-0.1610	0.0815	0.0050	-0.0016	-0.1933	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0259	-0.0406	-0.0272	0.0025	0.0023	0.0001	-0.0888	0.0124	[redacted]			-0.0317	-0.0518	-0.0329	0.0032	0.0029	0.0001	-0.1102	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0011	-0.0065	-0.0076	0.0237	0.0030	-0.0004	0.0111	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.29	-0.0106	-0.0972	-0.1061	0.1217	0.0154	-0.0003	-0.0771	0.3100	10.45	73.10%	14.29	-0.0133	-0.1242	-0.1325	0.1507	0.0206	-0.0004	-0.0991	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0203	-0.0100	-0.0780	0.0421	0.0116	-0.0061	-0.0607	0.7412	11.84	99.00%	11.96	-0.0331	-0.0163	-0.0965	0.0498	0.0173	-0.0066	-0.0854	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0647	-0.0110	-0.0561	0.1218	0.0057	-0.0002	-0.0045	0.0339	11.65	97.42%	11.96	-0.0831	-0.0143	-0.0688	0.1522	0.0088	-0.0002	-0.0054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	-0.0227	-0.0077	-0.0400	0.2781	0.0070	-0.0008	0.2139	0.0000	7.38	62.84%	11.74	-0.0279	-0.0098	-0.0489	0.3352	0.0104	-0.0010	0.2580	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0990	-0.0034	-0.0334	0.2342	0.0083	0.0000	0.1067	0.0000	8.98	75.11%	11.96	-0.1275	-0.0043	-0.0410	0.2859	0.0123	0.0000	0.1254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0116	-0.0663	-0.0847	0.0326	0.0073	0.0025	-0.1202	0.0098	[redacted]			-0.0135	-0.0803	-0.0957	0.0408	0.0097	0.0030	-0.1360	1.03	1.03	0.97	0.97	0.97	[redacted]				
11.30	-0.0304	-0.0491	-0.0687	0.0837	0.0057	-0.0006	-0.0594	0.0000	8.20	72.50%	11.30	-0.0379	-0.0624	-0.0810	0.1034	0.0096	-0.0008	-0.0691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0143	-0.0002	-0.0117	0.0177	0.0055	0.0000	-0.0030	0.0000	1.79	61.17%	2.93	-0.0194	-0.0003	-0.0144	0.0213	0.0078	0.0000	-0.0050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0661	-0.0114	-0.0608	0.3813	0.0093	-0.0009	0.2514	0.0011	14.17	87.57%	16.18	-0.0844	-0.0145	-0.0739	0.4634	0.0144	-0.0011	0.3039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
6.96	-0.0635	-0.0138	-0.0251	0.0244	0.0062	-0.0009	-0.0727	0.0000	3.86	55.50%	6.96	-0.0766	-0.0174	-0.0305	0.0314	0.0094	-0.0011	-0.0848	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0139	-0.1005	-0.1125	0.1727	0.0012	-0.0006	-0.0536	1.4645	10.23	85.58%	11.96	-0.0168	-0.1279	-0.1361	0.2492	0.0014	-0.0008	-0.0310	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0257	-0.0518	-0.0630	0.0407	0.0063	-0.0081	-0.1016	0.0007	[redacted]			-0.0323	-0.0657	-0.0761	0.0500	0.0096	-0.0101	-0.1246	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0121	-0.0173	-0.0353	0.0383	0.0053	-0.0014	-0.0225	0.0060	[redacted]			-0.0151	-0.0210	-0.0428	0.0470	0.0076	-0.0018	-0.0261	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0016	-0.1144	-0.2122	0.0219	0.0044	0.0000	-0.3019	0.0081	[redacted]			-0.0020	-0.1451	-0.2608	0.0270	0.0044	0.0000	-0.3765	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.39	-0.0012	-0.0004	-0.0071	0.0167	0.0040	-0.0007	0.0113	0.0015	1.43	59.72%	2.39	-0.0015	-0.0005	-0.0087	0.0200	0.0060	-0.0009	0.0144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0088	-0.0405	-0.1226	0.0935	0.0127	-0.0057	-0.0714	0.0000	[redacted]			-0.0105	-0.0468	-0.1499	0.1141	0.0180	-0.0080	-0.0831	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0071	-0.0333	-0.0666	0.0794	0.0160	-0.0049	-0.0165	0.0000	[redacted]			-0.0083	-0.0384	-0.0812	0.0973	0.0229	-0.0071	-0.0148	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0063	-0.0422	-0.0644	0.1023	0.0097	-0.0016	-0.0025	0.4070	[redacted]			-0.0081	-0.0540	-0.0787	0.1244	0.0133	-0.0019	-0.0050	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0175	-0.0127	-0.0357	0.0920	0.0053	-0.0035	0.0279	0.0179	8.02	49.57%	16.18	-0.0217	-0.0158	-0.0436	0.1118	0.0082	-0.0042	0.0347	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.57	-0.0296	-0.0463	-0.1082	0.1433	0.0076	-0.0043	-0.0375	0.0181	9.26	80.11%	11.57	-0.0376	-0.0588	-0.1325	0.1741	0.0111	-0.0054	-0.0491	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0438	-0.0325	-0.1016	0.1958	0.0111	-0.0082	0.0208	0.2100	12.77	78.95%	16.18	-0.0515	-0.0382	-0.1209	0.2371	0.0193	-0.0118	0.0340	2.92	3.01	3.10	3.10	3.10	486.67%	501.67%	516.67%	516.67%	516.67%
11.96	-0.0271	-0.0031	-0.0441	0.0778	0.0126	0.0000	0.0161	0.3962	11.57	96.78%	11.96	-0.0335	-0.0039	-0.0522	0.0935	0.0198	0.0000	0.0237	0.87	1.30	0.33	0.98	1.09	8.25%	12.75%	2.95%	9.25%	10.40%
[redacted]	0.0000	0.0000	-0.0298	0.0251	0.0051	-0.0038	-0.0034	0.1545	[redacted]			0.0000	0.0000	-0.0356	0.0306	0.0064	-0.0047	-0.0033	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0098	-0.0675	-0.0910	0.1670	0.0041	-0.0013	0.0015	3.6809	[redacted]			-0.0129	-0.0859	-0.1099	0.2401	0.0058	-0.0016	0.0356	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.91	-0.0693	-0.0703	-0.1168	0.2261	0.0252	-0.0051	-0.0102	0.0008	8.45	70.90%	11.91	-0.0882	-0.0858	-0.1433	0.2775	0.0366	-0.0065	-0.0097	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0069	-0.0433	-0.0358	0.0135	0.0032	0.0000	-0.0693	0.0089	[redacted]			-0.0084	-0.0552	-0.0435	0.0186	0.0043	0.0000	-0.0842	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.2297	0.0000	-0.0520	0.6651	0.0131	-0.0063	0.3902	0.0268	[redacted]			-0.2571	0.0000	-0.0633	0.8107	0.0194	-0.0117	0.4980	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0723	-0.0221	-0.0733	0.2892	0.0058	-0.0009	0.1264	0.0000	12.16	75.15%	16.18	-0.0860	-0.0264	-0.0897	0.3619	0.0091	-0.0012	0.1677	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.59	-0.0239	-0.0295	-0.1063	0.0947	0.0049	-0.0016	-0.0617	0.0144	13.68	87.77%	15.59	-0.0300	-0.0375	-0.1303	0.1145	0.0074	-0.0020	-0.0779	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0257	-0.1054	-0.1727	0.2306	0.0122	-0.0114	-0.0724	0.8737	15.44	95.48%	16.18	-0.0311	-0.1257	-0.2092	0.2856	0.0197	-0.0129	-0.0736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.74	0.0000	0.0000	-0.0497	0.2540	0.0115	-0.0112	0.2046	0.0001	8.32	70.88%	11.74	0.0000	0.0000	-0.0580	0.3121	0.0186	-0.0122	0.2605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0343	-0.1055	-0.1575	0.1127	0.0060	-0.0008	-0.1794	0.0000	10.87	90.89%	11.96	-0.0446	-0.1336	-0.1926	0.1425	0.0089	-0.0011	-0.2205	1.80	1.83	1.83	1.73	1.73	19.57%	19.96%	19.96%	18.87%	18.87%
11.96	-0.0260	-0.0667	-0.0809	0.0569	0.0058	-0.0061	-0.1170	0.0000	10.25	85.70%	11.96	-0.0323	-0.0839	-0.0988	0.0701	0.0085	-0.0077	-0.1441	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0032	-0.0446	-0.0735	0.1374	0.0032	0.0000	0.0193	0.0083	[redacted]			-0.0039	-0.0560	-0.0913	0.1895	0.0032	-0.0001	0.0414	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0095	-0.0107	-0.0506	0.0777	0.0027	-0.0027	0.0069	0.0000	[redacted]			-0.0114	-0.0130	-0.0611	0.0941	0.0040	-0.0035	0.0091	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.26	-0.0025	-0.0012	-0.0128	0.0449	0.0046	-0.0016	0.0314	0.0026	2.19	97.16%	2.26	-0.0033	-0.0015	-0.0158	0.0538	0.0065	-0.0021	0.0376	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0201	-0.0740	-0.1343	0.2125	0.0054	-0.0014	-0.0119	0.0050	8.84	73.92%	11.96	-0.0259	-0.0962	-0.1630	0.2771	0.0081	-0.0018	-0.0017	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0501	-0.0129	-0.0544	0.1172	0.0096	-0.0008	0.0086	0.0000	8.90	74.47%	11.96	-0.0633	-0.0164	-0.0664	0.1419	0.0143	-0.0011	0.0090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0068	-0.0849	-0.0831	0.0203	0.0049	-0.0008	-0.1504	0.0064	[redacted]			-0.0084	-0.1056	-0.0999	0.0258	0.0064	-0.0009	-0.1826	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0019	-0.0302	-0.2132	0.0274	0.0026	-0.0042	-0.2195	0.0243	[redacted]			-0.0023	-0.0385	-0.2615	0.0328	0.0032	-0.0053	-0.2716	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0159	0.0627	0.0047	0.0004	0.0519	0.0036	[redacted]			0.0000	0.0000	-0.0193	0.0798	0.0050	0.0005	0.0660	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	0.0000	0.0000	-0.0820	0.3822	0.0743	-0.0235	0.3510	0.0250	14.58	90.11%	16.18	0.0000	0.0000	-0.1002	0.4667	0.0932	-0.0303	0.4294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0120	-0.0131	-0.0236	0.0100	0.0102	0.0007	-0.0278	0.0000	5.23	62.69%	8.35	-0.0120	-0.0131	-0.0276	0.0117	0.0125	0.0006	-0.0279	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.35	-0.1924	-0.0118	-0.0395	0.2766	0.0059	-0.0013	0.0375	0.0048	6.23	66.65%	9.35	-0.2293	-0.0146	-0.0483	0.3359	0.0091	-0.0017	0.0511	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0684	-0.0887	-0.1356	0.0628	0.0050	-0.0015	-0.2264	0.0010	[redacted]			-0.0844	-0.1128	-0.1652	0.0767	0.0074	-0.0017	-0.2800	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0351	-0.1259	-0.2324	0.1511	0.0123	-0.0015	-0.2315	0.3735	[redacted]			-0.0421	-0.1525	-0.2822	0.1872	0.0191	-0.0021	-0.2726	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.1123	-0.0474	-0.0666	0.0482	0.0066	-0.0082	-0.1797	0.0111	9.19	76.85%	11.96	-0.1466	-0.0602	-0.0817	0.0601	0.0104	-0.0102	-0.2282	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0162	-0.0267	-0.0689	0.1295	0.0063	-0.0009	0.0231	0.0035	6.27	52.43%	11.96	-0.0204	-0.0340	-0.0844	0.1559	0.0092	-0.0011	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0008	-0.0012	-0.0464	0.0951	0.0091	-0.0027	0.0531	0.0000	5.68	47.53%	11.96	-0.0020	-0.0038	-0.0579	0.1151	0.0131	-0.0043	0.0602	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
13.09	0.0000	0.0000	-0.0208	0.0599	0.0147	-0.0019	0.0519	0.0000	4.29	32.79%	13.09	0.0000	0.0000	-0.0251	0.0754	0.0190	-0.0025	0.0668	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0871	-0.0236	-0.0562	0.0923	0.0117	-0.0009	-0.0638	12.0744	[redacted]			-0.1177	-0.0325	-0.0684	0.1142	0.0174	-0.0010	-0.0880	0.00	0.00	0.00	6.02	10.52	[redacted]				
11.96	-0.0050	-0.0618	-0.0625	0.0289	0.0013	0.0034	-0.0957	0.0046	5.34	44.64%	11.96	-0.0061	-0.0786	-0.0749	0.0369	0.0015	0.0042	-0.1170	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0159	-0.1089	-0.1375	0.0583	0.0049	-0.0023	-0.2014	0.0037	[redacted]			-0.0207	-0.1386	-0.1654	0.0736	0.0068	-0.0028	-0.2471	0.00	0.00	0.00	0.00	0.00	[redacted]				
3.54	-0.0231	-0.0004	-0.0081	0.0098	0.0022	0.0000	-0.0196	0.0000	2.58	72.95%	3.54	-0.0281	-0.0005	-0.0099	0.0123	0.0035	0.0000	-0.0227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1304	-0.0139	-0.0091	0.0031	0.0016	0.0013	-0.1474	0.1529	[redacted]			-0.1576	-0.0177	-0.0112	0.0039	0.0021	0.0016	-0.1789	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0470	-0.1184	-0.1190	0.1600	0.0129	-0.0010	-0.1125	0.0034	7.79	65.16%	11.96	-0.0588	-0.1525	-0.1435	0.1963	0.0172	-0.0011	-0.1424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0465	-0.0265	-0.0611	0.1323	0.0056	-0.0008	0.0030	0.0041	7.52	62.92%	11.96	-0.0597	-0.0337	-0.0714	0.1627	0.0093	-0.0009	0.0063	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0555	-0.0038	-0.0305	0.1701	0.0087	-0.0004	0.0886	0.0029	8.95	74.83%	11.96	-0.0715	-0.0048	-0.0374	0.2047	0.0130	-0.0005	0.1035	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.93	-0.0017	0.0000	-0.0101	0.0760	0.0064	-0.0011	0.0695	0.0032	2.69	91.70%	2.93	-0.0021	0.0000	-0.0125	0.0910	0.0087	-0.0014	0.0837	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.1643	-0.0156	-0.0540	0.0899	0.0094	-0.0003	-0.1349	0.0002	[redacted]			-0.2190	-0.0213	-0.0661	0.1100	0.0141	-0.0003	-0.1826	0.00	0.00	0.00	0.00	0.00	[redacted]				
10.43	-0.0210	-0.0158	-0.0618	0.1828	0.0066	-0.0035	0.0873	0.0000	8.21	78.71%	10.43	-0.0354	-0.0250	-0.0756	0.2140	0.0094	-0.0036	0.0838	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0153	-0.0197	-0.0465	0.0149	0.0175	-0.0006	-0.0497	0.8406	[redacted]			-0.0188	-0.0251	-0.0559	0.0185	0.0217	-0.0008	-0.0604	0.00	0.00	0.00	0.00	0.00	[redacted]				
16.18	-0.0367	-0.0122	-0.0409	0.1902	0.0065	0.0000	0.1069	0.0035	7.85	48.54%	16.18	-0.0463	-0.0155	-0.0496	0.2320	0.0088	0.0000	0.1294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0217	-0.0325	-0.0714	0.0456	0.0082	-0.0040	-0.0758	0.0000	8.84	73.97%	11.96	-0.0279	-0.0412	-0.0879	0.0558	0.0126	-0.0047	-0.0933	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.26	-0.0065	-0.0107	-0.0141	0.0582	0.0037	-0.0004	0.0302	0.0000	1.70	75.16%	2.26	-0.0070	-0.0115	-0.0168	0.0742	0.0070	-0.0012	0.0447	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0183	-0.0170	-0.0553	0.1596	0.0063	-0.0008	0.0745	0.0000	8.49	71.03%	11.96	-0.0229	-0.0216	-0.0677	0.1919	0.0093	-0.0010	0.0880	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0016	-0.0094	-0.0092	0.0212	0.0024	-0.0004	0.0030	0.0000	1.61	67.53%	2.39	-0.0020	-0.0119	-0.0112	0.0259	0.0036	-0.0005	0.0039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0302	-0.1028	-0.1513	0.0665	0.0027	-0.0005	-0.2156	1.4524	10.10	84.48%	11.96	-0.0381	-0.1311	-0.1850	0.0843	0.0043	-0.0005	-0.2661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.39	-0.0024	-0.0004	-0.0093	0.0646	0.0056	-0.0006	0.0575	0.0000	1.81	75.66%	2.39	-0.0027	-0.0005	-0.0116	0.0790	0.0083	-0.0008	0.0717	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0154	-0.0605	-0.0701	0.0280	0.0053	-0.0020	-0.1147	0.0000	[redacted]			-0.0193	-0.0770	-0.0833	0.0351	0.0075	-0.0025	-0.1395	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0175	-0.0052	-0.0509	0.0343	0.0107	-0.0040	-0.0326	0.0083	9.12	76.28%	11.96	-0.0226	-0.0066	-0.0625	0.0415	0.0160	-0.0053	-0.0395	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1277	-0.0464	-0.0822	0.1367	0.0099	-0.0019	-0.1116	2.1813	11.18	93.48%	11.96	-0.1594	-0.0599	-0.0994	0.1674	0.0152	-0.0023	-0.1384	0.00	0.24	1.15	1.74	1.74	0.00%	2.01%	9.62%	14.55%	14.55%
11.96	-0.0403	-0.0151	-0.0513	0.1776	0.0102	-0.0025	0.0786	0.0102	8.89	74.36%	11.96	-0.0508	-0.0191	-0.0628	0.2138	0.0154	-0.0031	0.0934	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0134	-0.0624	-0.0839	0.0421	0.0049	0.0007	-0.1120	5.8269	4.57	38.20%	11.96	-0.0163	-0.0780	-0.1016	0.0532	0.0065	0.0012	-0.1350	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0090	-0.0796	-0.0870	0.1610	0.0115	-0.0007	-0.0038	0.0000	[redacted]			-0.0112	-0.1003	-0.1038	0.2033	0.0199	-0.0010	0.0069	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0123	-0.0075	-0.0223	0.1700	0.0080	-0.0021	0.1338	0.0000	1.16	39.74%	2.93	-0.0172	-0.0109	-0.0267	0.2015	0.0129	-0.0022	0.1574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0097	-0.0727	-0.0574	0.0357	0.0050	0.0048	-0.0943	6.5703	11.40	95.31%	11.96	-0.0120	-0.0925	-0.0682	0.0445	0.0062	0.0061	-0.1159	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
1.98	0.0000	0.0000	-0.0023	0.0397	0.0092	-0.0012	0.0454	0.0000	0.78	39.28%	1.98	0.0000	0.0000	-0.0027	0.0516	0.0115	-0.0012	0.0592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.63	-0.0109	-0.1085	-0.1661	0.0465	0.0030	-0.0016	-0.2376	0.7171	10.72	92.15%	11.63	-0.0131	-0.1369	-0.2040	0.0570	0.0046	-0.0020	-0.2944	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
9.65	-0.0325	-0.0600	-0.1091	0.1240	0.0069	-0.0060	-0.0767	0.9697	11.89	90.88%	13.09	-0.0410	-0.0727	-0.1330	0.1526	0.0101	-0.0076	-0.0916	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0121	-0.0281	-0.0316	0.0352	0.0037	-0.0010	-0.0339	0.0000	3.39	28.39%	11.96	-0.0152	-0.0356	-0.0387	0.0436	0.0057	-0.0016	-0.0418	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0617	-0.0057	-0.0411	0.0470	0.0185	-0.0004	-0.0434	0.0326	10.62	88.81%	11.96	-0.0790	-0.0073	-0.0492	0.0568	0.0273	-0.0005	-0.0519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1046	-0.0199	-0.0739	0.4660	0.0146	-0.0009	0.2813	0.0000	7.76	64.94%	11.96	-0.1246	-0.0238	-0.0882	0.5767	0.0251	-0.0015	0.3637	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0108	-0.0259	-0.1740	0.1356	0.0062	-0.0031	-0.0720	0.0039	[redacted]			-0.0137	-0.0330	-0.2134	0.1623	0.0087	-0.0041	-0.0932	0.00	0.00	0.00	0.00	0.00	[redacted]				
2.93	-0.0137	-0.0033	-0.0165	0.0630	0.0050	-0.0005	0.0340	0.0000	2.60	88.67%	2.93	-0.0183	-0.0042	-0.0203	0.0758	0.0071	-0.0006	0.0395	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0169	-0.0628	-0.1019	0.0539	0.0040	-0.0093	-0.1330	1.4770	8.98	75.07%	11.96	-0.0213	-0.0812	-0.1246	0.0682	0.0060	-0.0115	-0.1644	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.80	-0.1697	-0.0228	-0.0470	0.2279	0.0131	0.0003	0.0018	0.0016	6.87	78.05%	8.80	-0.2212	-0.0290	-0.0571	0.2822	0.0209	0.0005	-0.0037	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0027	0.0471	0.0095	0.0005	0.0544	0.0000	[redacted]			0.0000	0.0000	-0.0033	0.0589	0.0128	0.0005	0.0689	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0392	-0.0193	-0.0511	0.1279	0.0075	-0.0018	0.0240	0.0000	11.02	92.16%	11.96	-0.0473	-0.0230	-0.0638	0.1587	0.0122	-0.0023	0.0345	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0534	-0.0417	-0.1157	0.1579	0.0064	-0.0004	-0.0469	1.7463	[redacted]			-0.0674	-0.0531	-0.1409	0.1932	0.0100	-0.0005	-0.0587	0.00	0.00	0.00	0.00	0.00	[redacted]				
14.00	-0.0083	-0.0504	-0.0837	0.1593	0.0064	-0.0031	0.0202	0.0000	10.45	74.62%	14.00	-0.0105	-0.0645	-0.1023	0.1938	0.0089	-0.0037	0.0217	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0191	-0.0099	-0.0683	0.2310	0.0113	-0.0068	0.1382	0.0077	8.48	70.91%	11.96	-0.0321	-0.0164	-0.0843	0.2753	0.0163	-0.0073	0.1515	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0151	-0.1074	-0.0849	0.0341	0.0045	-0.0010	-0.1698	0.0123	8.27	69.14%	11.96	-0.0184	-0.1366	-0.1032	0.0428	0.0067	-0.0013	-0.2100	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1031	-0.0553	-0.1055	0.0211	0.0100	-0.0014	-0.2342	0.2268	9.83	82.23%	11.96	-0.1197	-0.0648	-0.1285	0.0261	0.0151	-0.0020	-0.2738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0266	-0.0390	-0.0809	0.0722	0.0051	0.0000	-0.0692	0.0019	8.63	72.17%	11.96	-0.0329	-0.0496	-0.0984	0.0881	0.0079	0.0000	-0.0849	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
10.43	-0.0795	-0.0070	-0.0494	0.0841	0.0080	-0.0004	-0.0442	0.3121	10.08	96.57%	10.43	-0.0892	-0.0078	-0.0600	0.1040	0.0117	-0.0027	-0.0440	1.30	1.39	1.43	1.46	1.50	15.13%	16.18%	16.65%	17.00%	17.46%
11.96	-0.0094	-0.0224	-0.0286	0.0146	0.0036	-0.0004	-0.0426	0.3013	5.09	42.60%	11.96	-0.0116	-0.0285	-0.0354	0.0181	0.0057	-0.0005	-0.0522	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0098	-0.1276	-0.1389	0.2742	0.0056	-0.0014	0.0021	1.9791	12.36	76.42%	16.18	-0.0121	-0.1624	-0.1665	0.3582	0.0080	-0.0017	0.0235	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0284	-0.0411	-0.0860	0.0954	0.0068	-0.0021	-0.0554	2.0128	8.97	75.00%	11.96	-0.0393	-0.0550	-0.1052	0.1155	0.0093	-0.0025	-0.0772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1448	-0.0096	-0.0480	0.0714	0.0113	0.0000	-0.1197	0.0000	7.87	65.81%	11.96	-0.1982	-0.0132	-0.0591	0.0852	0.0166	0.0000	-0.1687	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
8.35	-0.0644	-0.0292	-0.0272	0.0427	0.0099	0.0005	-0.0677	0.0051	4.54	54.41%	8.35	-0.0803	-0.0372	-0.0329	0.0537	0.0134	0.0005	-0.0828	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0244	-0.0614	-0.0859	0.1057	0.0120	-0.0030	-0.0570	0.0000	9.28	77.63%	11.96	-0.0304	-0.0798	-0.1043	0.1357	0.0183	-0.0036	-0.0641	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0356	-0.0068	-0.0440	0.0588	0.0056	-0.0009	-0.0229	0.0269	9.49	79.41%	11.96	-0.0451	-0.0088	-0.0541	0.0722	0.0086	-0.0011	-0.0283	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.1593	-0.0044	-0.0418	0.0659	0.0067	0.0002	-0.1327	0.1426	10.39	86.89%	11.96	-0.2098	-0.0056	-0.0515	0.0822	0.0105	0.0003	-0.1739	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
14.12	-0.0210	-0.1290	-0.1415	0.1638	0.0178	-0.0007	-0.1106	0.0030	6.27	44.42%	14.12	-0.0267	-0.1644	-0.1770	0.2031	0.0238	-0.0009	-0.1421	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024										2025											2026		
Facility	GNA ID	Base Demand (MW) [21]	Cumulative Demand (MW) [21]	Facility Loading (%) [22]	Facility Loading Limit (MW) [20]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [20]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [20]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]
Zebu		0.0004	6.60	55.19%	11.96	-0.0054	-0.0093	-0.0190	0.0322	0.0008	-0.0001	-0.0008	0.0060	6.61	55.32%	11.96	-0.0097	-0.0171	-0.0331	0.0665	0.0018	-0.0002	0.0082	0.0086	6.63	55.41%	11.96	-0.0142	-0.0255	-0.0476	0.0998	0.0034	-0.0003	0.0156	0.0099	6.63	55.48%
Zenda		0.0000	0.95	45.38%	2.09	-0.0004	0.0000	-0.0012	0.0031	0.0004	-0.0051	-0.0032	0.0001	0.95	45.46%	2.09	-0.0008	0.0000	-0.0024	0.0063	0.0010	-0.0058	-0.0017	0.0001	0.95	45.54%	2.09	-0.0012	0.0000	-0.0036	0.0094	0.0018	-0.0065	-0.0001	0.0002	0.95	45.54%
Zeno		0.0000	[redacted]			-0.0005	-0.0146	-0.0236	0.1146	0.0009	0.0000	0.0768	1.0538	[redacted]			-0.0010	-0.0265	-0.0458	0.2449	0.0017	0.0001	0.1734	1.0542	[redacted]			-0.0015	-0.0394	-0.0663	0.3341	0.0025	0.0001	0.2295	1.0541	[redacted]	
Zephar		0.2277	[redacted]			-0.0032	-0.0226	-0.0297	0.0190	0.0009	-0.0002	-0.0358	0.2933	[redacted]			-0.0060	-0.0419	-0.0543	0.0401	0.0022	-0.0004	-0.0603	0.3220	[redacted]			-0.0090	-0.0626	-0.0783	0.0619	0.0038	-0.0006	-0.0848	0.3421	[redacted]	
Zeppelin		4.5231	[redacted]			-0.0012	-0.0201	-0.0310	0.0079	0.0008	-0.0001	-0.0437	4.5253	[redacted]			-0.0024	-0.0370	-0.0551	0.0169	0.0015	-0.0002	-0.0763	4.5262	[redacted]			-0.0036	-0.0552	-0.0780	0.0252	0.0025	-0.0003	-0.1094	4.5285	[redacted]	
Zeus		0.0003	[redacted]			0.0000	0.0000	-0.0074	0.0024	0.0204	0.0000	0.0154	0.0012	[redacted]			0.0000	0.0000	-0.0140	0.0048	0.0407	0.0000	0.0315	0.0012	[redacted]			0.0000	0.0000	-0.0205	0.0072	0.0602	0.0000	0.0469	0.0012	[redacted]	
Zevo		0.0470	8.57	71.65%	11.96	-0.0126	-0.0493	-0.0269	0.0058	0.0001	-0.0012	-0.0841	0.0751	8.52	71.27%	11.96	-0.0237	-0.0902	-0.0494	0.0124	0.0003	-0.0035	-0.1541	0.0804	8.45	70.67%	11.96	-0.0343	-0.1337	-0.0701	0.0190	0.0006	-0.0057	-0.2242	0.0854	8.38	70.06%
Zimmer		0.0000	9.45	79.07%	11.96	-0.0034	-0.0114	-0.0219	0.0229	0.0007	-0.0008	-0.0139	0.0000	9.44	78.99%	11.96	-0.0064	-0.0213	-0.0426	0.0479	0.0017	-0.0015	-0.0222	0.0000	9.43	78.91%	11.96	-0.0094	-0.0319	-0.0634	0.0729	0.0033	-0.0022	-0.0307	0.0000	9.43	78.84%
Zinc		0.0000	7.89	49.65%	15.88	-0.0155	-0.0037	-0.0148	0.0684	0.0013	0.0000	0.0357	0.0003	7.94	49.97%	15.88	-0.0274	-0.0068	-0.0280	0.1413	0.0029	0.0000	0.0820	0.0005	7.98	50.26%	15.88	-0.0406	-0.0102	-0.0412	0.2123	0.0051	0.0000	0.1254	0.0008	6.66	41.94%
Zinfandel	GNA_2023_240	0.7183	10.77	90.05%	11.96	-0.0216	-0.0122	-0.0237	0.0203	0.0010	-0.0004	-0.0366	0.8203	10.85	90.74%	11.96	-0.0386	-0.0227	-0.0463	0.0433	0.0026	-0.0008	-0.0625	0.8584	10.86	90.85%	11.96	-0.0574	-0.0339	-0.0688	0.0673	0.0050	-0.0012	-0.0890	0.8858	10.86	90.79%
Zinser		0.0000	8.28	69.23%	11.96	0.0000	0.0000	-0.0173	0.0275	0.0026	-0.0004	0.0124	0.0000	8.30	69.39%	11.96	0.0000	0.0000	-0.0310	0.0558	0.0063	-0.0009	0.0302	0.0000	8.32	69.56%	11.96	0.0000	0.0000	-0.0436	0.0835	0.0107	-0.0014	0.0492	0.0000	8.34	69.73%
Zion		0.0000	[redacted]			-0.0053	-0.0276	-0.0261	0.0031	0.0004	0.0000	-0.0555	0.0000	[redacted]			-0.0101	-0.0502	-0.0493	0.0066	0.0017	0.0000	-0.1013	0.0000	[redacted]			-0.0151	-0.0746	-0.0720	0.0102	0.0026	0.0000	-0.1489	0.0000	[redacted]	
Zippy		0.0000	9.40	78.60%	11.96	-0.0121	-0.0025	-0.0094	0.0050	0.0011	-0.0004	-0.0183	0.0000	9.38	78.45%	11.96	-0.0231	-0.0049	-0.0197	0.0104	0.0031	-0.0008	-0.0350	0.0000	9.36	78.31%	11.96	-0.0337	-0.0075	-0.0295	0.0157	0.0058	-0.0011	-0.0503	0.0000	9.35	78.19%
Zircon		0.0000	6.64	56.03%	11.85	-0.0014	-0.0253	-0.0358	0.0110	0.0006	0.0001	-0.0508	0.0000	6.60	55.71%	11.85	-0.0027	-0.0474	-0.0602	0.0230	0.0014	0.0000	-0.0859	0.0000	6.57	55.39%	11.85	-0.0040	-0.0710	-0.0836	0.0350	0.0024	-0.0001	-0.1213	0.0000	6.53	55.06%
Zodiac		0.0000	[redacted]			-0.0024	-0.0295	-0.0638	0.0097	0.0003	-0.0001	-0.0858	0.0000	[redacted]			-0.0048	-0.0537	-0.1118	0.0199	0.0012	-0.0002	-0.1494	0.0002	[redacted]			-0.0073	-0.0797	-0.1582	0.0298	0.0024	-0.0003	-0.2133	0.0010	[redacted]	
Zoe		0.0001	9.95	108.03%	9.21	-0.0013	-0.0115	-0.0204	0.0367	0.0016	-0.0018	0.0033	0.0010	9.96	108.16%	9.21	-0.0026	-0.0221	-0.0377	0.0753	0.0041	-0.0033	0.0137	0.0012	9.97	62.75%	15.88	-0.0040	-0.0335	-0.0547	0.1113	0.0078	-0.0049	0.0220	0.0014	9.97	62.78%
Zone		0.0000	9.29	57.41%	16.18	-0.0189	-0.0397	-0.0532	0.0638	0.0008	-0.0005	-0.0477	0.0000	9.26	57.26%	16.18	-0.0358	-0.0719	-0.1024	0.1382	0.0020	-0.0008	-0.0707	0.0000	9.24	57.11%	16.18	-0.0535	-0.1067	-0.1524	0.2187	0.0033	-0.0011	-0.0917	0.0000	9.22	57.01%
Zuni		0.5139	29.59	89.85%	32.93	-0.0037	0.0000	-0.0597	0.0699	0.0040	-0.0034	0.0071	0.5798	29.68	90.13%	32.93	-0.0067	0.0000	-0.1130	0.1436	0.0121	-0.0116	0.0244	0.6012	29.72	90.25%	32.93	-0.0100	0.0000	-0.1659	0.2156	0.0220	-0.0200	0.0417	0.6183	29.76	90.36%

2026								2027										Deficiency (MW)					Deficiency (%)				
Facility Loading Limit (MW) [26]	Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[A]	2026[A]	2027[B]
11.96	-0.0186	-0.0344	-0.0613	0.1304	0.0056	-0.0004	0.0213	0.0099	6.63	55.48%	11.96	-0.0235	-0.0445	-0.0740	0.1558	0.0080	-0.0003	0.0215	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
2.09	-0.0030	-0.0001	-0.0049	0.0123	0.0029	-0.0073	-0.0001	0.0004	0.95	45.54%	2.09	-0.0048	-0.0002	-0.0061	0.0149	0.0041	-0.0081	-0.0002	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0020	-0.0531	-0.0840	0.4026	0.0026	0.0002	0.2663	1.0544	[redacted]			-0.0025	-0.0676	-0.1001	0.5449	0.0026	0.0001	0.3774	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0119	-0.0845	-0.1019	0.0831	0.0063	-0.0008	-0.1097	0.3516	[redacted]			-0.0148	-0.1075	-0.1233	0.1041	0.0084	-0.0010	-0.1341	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	-0.0047	-0.0745	-0.0997	0.0328	0.0035	-0.0004	-0.1430	4.5339	[redacted]			-0.0058	-0.0949	-0.1208	0.0414	0.0046	-0.0005	-0.1760	0.00	0.00	0.00	0.00	0.00	[redacted]				
[redacted]	0.0000	0.0000	-0.0255	0.0095	0.0609	0.0000	0.0449	0.0012	[redacted]			0.0000	0.0000	-0.0297	0.0117	0.0605	0.0000	0.0425	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0441	-0.1788	-0.0908	0.0252	0.0010	-0.0081	-0.2956	0.0912	8.31	69.46%	11.96	-0.0530	-0.2255	-0.1108	0.0312	0.0015	-0.0104	-0.3670	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0123	-0.0431	-0.0815	0.0964	0.0053	-0.0029	-0.0381	0.0000	9.42	78.77%	11.96	-0.0152	-0.0548	-0.0987	0.1180	0.0080	-0.0036	-0.0463	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
15.88	-0.0556	-0.0140	-0.0531	0.2692	0.0080	0.0000	0.1545	0.0011	6.70	42.18%	15.88	-0.0708	-0.0178	-0.0665	0.3305	0.0129	0.0000	0.1883	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.96	-0.0812	-0.0476	-0.0885	0.0876	0.0081	-0.0014	-0.1230	0.8912	10.82	90.50%	11.96	-0.1079	-0.0620	-0.1084	0.1077	0.0124	-0.0016	-0.1598	0.76	0.89	0.91	0.87	0.85	7.60%	8.94%	9.14%	8.72%	8.52%
11.96	0.0000	0.0000	-0.0544	0.1091	0.0151	-0.0018	0.0680	0.0000	8.37	70.00%	11.96	0.0000	0.0000	-0.0647	0.1409	0.0232	-0.0020	0.0974	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0205	-0.1006	-0.0913	0.0137	0.0041	0.0000	-0.1946	0.0000	[redacted]			-0.0261	-0.1282	-0.1090	0.0172	0.0061	0.0000	-0.2400	0.00	0.00	0.00	0.00	0.00	[redacted]				
11.96	-0.0437	-0.0101	-0.0387	0.0207	0.0103	-0.0014	-0.0629	0.0000	9.34	78.09%	11.96	-0.0529	-0.0128	-0.0476	0.0254	0.0157	-0.0017	-0.0739	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
11.85	-0.0053	-0.0958	-0.1069	0.0465	0.0036	-0.0002	-0.1581	0.0000	6.48	54.70%	11.85	-0.0066	-0.1217	-0.1331	0.0578	0.0057	-0.0002	-0.1981	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
[redacted]	-0.0097	-0.1075	-0.2039	0.0389	0.0041	-0.0004	-0.2785	0.0038	[redacted]			-0.0112	-0.1271	-0.2498	0.0487	0.0063	-0.0005	-0.3336	0.00	0.00	0.00	0.00	0.00	[redacted]				
15.88	-0.0054	-0.0454	-0.0722	0.1432	0.0134	-0.0065	0.0271	0.0017	9.98	62.81%	15.88	-0.0069	-0.0580	-0.0886	0.1731	0.0190	-0.0081	0.0305	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
16.18	-0.0715	-0.1439	-0.1951	0.2992	0.0055	-0.0015	-0.1073	0.0000	9.21	56.93%	16.18	-0.0893	-0.1834	-0.2309	0.3790	0.0075	-0.0019	-0.1190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
32.93	-0.0135	0.0000	-0.2159	0.2816	0.0317	-0.0287	0.0552	0.6354	29.78	90.44%	32.93	-0.0172	0.0000	-0.2651	0.3415	0.0424	-0.0393	0.0623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023										
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Acton 66/12 (D)		0.0004	18.32	25.54%	71.74	-0.0434	-0.0111	-0.0337	0.1166	0.0017	-0.0013	0.0288
Aha P.T. 33/12 (A)		0.0000	2.69	64.05%	4.20	-0.0066	-0.0003	-0.0016	0.0055	0.0004	-0.0001	-0.0027
Albury P.T. 12/4.16 (A)		0.0000	1.09	41.92%	2.60	-0.0025	0.0000	-0.0010	0.0047	0.0007	0.0000	0.0019
Alder 66/12 (D)		1.9557	131.15	84.60%	155.02	-0.1899	-0.2272	-0.4319	0.3539	0.0165	-0.0046	-0.4832
Alessandro 115/12 (D)		3.9926	113.19	87.82%	128.89	-0.4288	-0.1685	-0.2936	0.2218	0.0153	-0.0043	-0.6581
Alessandro 115/33 (D)		4.2119	[redacted]			-0.1931	-0.1624	-0.2365	0.1209	0.0251	-0.0015	-0.4475
Alhambra 66/16 (D)		1.7137	118.97	82.11%	144.88	-0.0880	-0.2006	-0.2989	0.5168	0.0092	-0.0067	-0.0682
Alhambra 66/4.16 (D)		0.0001	10.75	58.72%	18.31	-0.0121	-0.0122	-0.0200	0.0816	0.0019	-0.0008	0.0384
Alon 66/12 (D)		3.2158	37.07	76.06%	48.74	-0.0122	-0.1297	-0.1756	0.1657	0.0116	-0.0008	-0.1410
Amador 66/16 (D)		5.7821	71.72	81.74%	87.74	-0.0389	-0.1294	-0.2427	0.1711	0.0062	-0.0098	-0.2435
Amador 66/4.16 (D)		0.0004	16.22	90.11%	18.00	-0.0100	-0.0083	-0.0298	0.0629	0.0045	-0.0027	0.0166
Amalia 16/4.16 (D)		0.0666	13.93	92.87%	15.00	-0.0084	-0.0151	-0.0347	0.0317	0.0046	-0.0027	-0.0246
Amargo 33/4.16 (D)		0.0000	1.57	87.21%	1.80	-0.0005	-0.0003	-0.0034	0.0049	0.0015	-0.0002	0.0020
Amboy 33/12 (D)		0.0000	[redacted]			0.0000	0.0000	-0.0004	0.0005	0.0004	0.0001	0.0006
Anaverde 66/12 (D)		0.2679	78.52	82.98%	94.63	-0.0857	-0.0675	-0.2485	0.2208	0.0073	-0.0075	-0.1811
Anita 66/16 (D)		0.9585	80.22	84.23%	95.24	-0.0397	-0.0984	-0.1921	0.3087	0.0061	-0.0075	-0.0229
Anita 66/4.16 (D)		0.0002	17.97	66.38%	27.07	-0.0109	-0.0018	-0.0176	0.1212	0.0046	-0.0006	0.0949
Apple Valley 115/12 (D)		0.1837	90.40	83.02%	108.89	-0.3089	-0.0688	-0.2072	0.1800	0.0140	-0.0035	-0.3944
Aqueduct 115/12 (D)	GNA_2023	4.1283	86.28	80.70%	106.91	-0.3946	-0.1019	-0.2226	0.1406	0.0114	-0.0007	-0.5678
Arcadia 66/16 (D)		2.0015	91.63	85.52%	107.15	-0.0665	-0.1751	-0.2989	0.3374	0.0080	-0.0077	-0.2028
Arcadia 66/4.16 (D)		0.0003	13.18	41.02%	32.13	-0.0049	-0.0037	-0.0160	0.0894	0.0032	-0.0022	0.0658
Archibald 66/12 (D)		4.8757	92.82	98.06%	94.65	-0.2388	-0.0849	-0.2137	0.3527	0.0091	-0.0038	-0.1794
Archline 66/12 (D)		0.0026	114.36	87.56%	130.61	-0.1544	-0.0833	-0.1972	0.4143	0.0153	-0.0030	-0.0083
Armijo P.T. 33/12 (A)		0.0283	[redacted]			-0.0263	-0.0039	-0.0031	0.0088	0.0017	0.0001	-0.0227
Arrington P.T. 12/4.16 (A)		0.0000	1.19	36.62%	3.25	-0.0044	0.0000	-0.0009	0.0103	0.0005	0.0000	0.0055
Arro 33/4.16 (D)		0.0000	12.90	73.53%	17.54	-0.0193	-0.0068	-0.0198	0.0242	0.0064	-0.0001	-0.0154
Arrowhead 115/33 (D)		0.2756	41.25	60.32%	68.38	-0.1681	0.0000	-0.1008	0.2165	0.0454	-0.0027	-0.0097
Arrowhead 33/12 (D)		0.0001	6.28	86.23%	7.28	-0.0070	-0.0020	-0.0082	0.0387	0.0040	-0.0006	0.0249
Arroyo 16/4.16 (D)		0.0000	1.70	53.45%	3.18	-0.0041	-0.0009	-0.0032	0.0192	0.0003	0.0000	0.0113
Arroyo 66/16 (D)		0.0011	76.03	69.68%	109.12	-0.1431	-0.0672	-0.1334	0.4000	0.0086	-0.0036	0.0613
Ashley P.T. 16/4.16 (A)		0.0000	0.71	44.33%	1.60	-0.0004	0.0000	-0.0007	0.0090	0.0008	-0.0002	0.0085
Athens 16/4.16 (D)	GNA_2023	0.0001	7.36	98.96%	7.44	0.0000	0.0000	-0.0062	0.0437	0.0101	-0.0006	0.0470
Atwood 66/12 (D)		0.0013	54.23	91.51%	59.26	-0.1403	-0.0463	-0.1113	0.3110	0.0062	-0.0014	0.0179
Auld 115/12 (D)		4.3774	125.41	87.11%	143.96	-0.5593	-0.0996	-0.2020	0.4363	0.0169	-0.0031	-0.4108
Auld 115/33 (D)		0.1617	35.68	28.73%	124.19	-0.2340	-0.0099	-0.0892	0.1294	0.0921	-0.0008	-0.1124
Aventura P.T. 33/12 (A)		0.1990	10.35	79.49%	13.02	-0.0257	-0.0089	-0.0250	0.0048	0.0014	-0.0013	-0.0547
Badwater P.T. 33/12 (A)		0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0018	0.0001	0.0000	0.0008
Bain 66/12 (D)		1.5411	61.60	84.86%	72.59	-0.1595	-0.1212	-0.1803	0.1128	0.0101	0.0000	-0.3381
Baker 115/12 (D)	GNA_2023	6.7240	12.62	250.22%	5.04	-0.0085	-0.0055	-0.0181	0.0008	0.0005	-0.0006	-0.0314
Bandini 66/16 (D)		1.2267	62.46	68.93%	90.62	-0.0195	-0.1940	-0.2856	0.1002	0.0070	-0.0005	-0.3924
Banducci 66/12 (D)		0.0006	15.82	21.87%	72.35	-0.0326	-0.0084	-0.0316	0.0887	0.0016	-0.0044	0.0133
Banning 115/33 (D)		0.7274	74.63	53.74%	138.86	-0.1086	-0.0886	-0.0772	0.0583	0.0053	-0.0003	-0.2111
Bard P.T. 16/4.16 (A)		0.0001	1.88	67.16%	2.80	0.0000	0.0000	-0.0018	0.0160	0.0056	-0.0001	0.0197
Barre 66/12 (D)		0.9198	85.23	68.99%	123.54	-0.1100	-0.1197	-0.2273	0.2907	0.0245	-0.0061	-0.1479
Barstow 33/12 (D)		0.4178	10.27	39.37%	26.09	-0.0234	-0.0129	-0.0324	0.0186	0.0008	-0.0018	-0.0511
Barstow 33/33 (D)		8.0205	25.51	26.63%	95.81	-0.1236	-0.0081	-0.0324	0.0266	0.0147	0.0027	-0.1201
Bassett 66/12 (D)		0.2900	89.88	91.18%	98.58	-0.1320	-0.1480	-0.2714	0.2381	0.0097	-0.0054	-0.3090
Basta 12/4.16 (D)		0.0001	3.33	34.46%	9.66	-0.0063	-0.0004	-0.0021	0.0192	0.0011	-0.0001	0.0114
Bayside 66/12 (D)		0.0004	62.94	70.62%	89.13	-0.1044	-0.1420	-0.2371	0.4179	0.0108	-0.0030	-0.0578
Beaumont 12/4.16 (D)		0.0000	3.56	77.79%	4.58	-0.0116	-0.0062	-0.0098	0.0153	0.0011	-0.0009	-0.0121
Belding 33/4.16 (D)		0.0000	7.09	75.57%	9.38	-0.0174	-0.0020	-0.0079	0.0062	0.0008	0.0000	-0.0203
Belmont 12/4.16 (D)		0.0001	7.35	80.30%	9.15	-0.0135	-0.0130	-0.0211	0.0731	0.0020	-0.0004	0.0271
Belvedere 16/4.16 (A)		0.0000	8.26	90.24%	9.15	-0.0052	-0.0062	-0.0188	0.0293	0.0023	-0.0007	0.0007
Belvedere P.T. 16/4.16 (A)		0.0000	2.22	75.79%	2.93	-0.0014	-0.0025	-0.0066	0.0087	0.0006	-0.0005	-0.0017
Bessemer P.T. 33/12 (A)		0.0000	[redacted]			-0.0012	0.0000	-0.0001	0.0004	0.0003	-0.0001	-0.0007
Beverly 66/16 (D)		2.7966	142.13	65.74%	216.20	-0.0390	-0.2440	-0.4398	0.2883	0.0150	-0.0047	-0.4242
Beverly 66/4.16 (D)		0.1240	23.67	51.72%	45.77	-0.0153	-0.0240	-0.0500	0.0844	0.0068	-0.0015	0.0004
Bicknell 16/4.16 (D)		0.0001	3.32	38.69%	8.58	-0.0045	-0.0050	-0.0128	0.0197	0.0018	-0.0005	-0.0013
Big Bend Bia 33/12 (D)		0.0000	2.37	47.40%	5.00	-0.0001	-0.0001	-0.0044	0.0007	0.0002	-0.0001	-0.0038
Big Creek 2 220/12 (D)		0.0000	[redacted]			-0.0005	-0.0001	-0.0001	0.0011	0.0003	0.0000	0.0007
Bigfoot P.T. 12/4.16 (A)		0.0000	[redacted]			-0.0001	-0.0001	-0.0004	0.0000	0.0001	-0.0003	-0.0008
Bixby 12/4.16 (D)		0.0000	4.46	59.97%	7.44	-0.0019	-0.0030	-0.0102	0.0710	0.0051	-0.0010	0.0600
Black Meadows 33/12 (A)		0.0000	[redacted]			-0.0003	-0.0014	-0.0028	0.0001	0.0009	0.0000	-0.0035
Bliss 66/12 (D)		0.1425	36.36	49.95%	72.80	-0.0250	-0.0259	-0.0500	0.0298	0.0114	0.0009	-0.0588
Bloomington 66/12 (D)		2.4779	118.35	82.30%	143.80	-0.1489	-0.2444	-0.3765	0.1698	0.0141	-0.0036	-0.5895
Blue Cut P.T. 33/12 (A)		0.0000	1.75	93.60%	1.87	-0.0086	-0.0023	-0.0053	0.0162	0.0003	-0.0002	0.0001
Bluff Cove 16/4.16 (D)		0.0000	8.81	96.25%	9.15	-0.0214	-0.0010	-0.0120	0.1062	0.0026	0.0000	0.0744
Blythe 33/33 (D)	GNA_2023	12.3703	79.02	84.00%	94.07	-0.4511	-0.0040	-0.1010	0.0584	0.0062	-0.0016	-0.4931
Blythe City 33/12 (D)		5.7205	23.46	68.17%	34.41	-0.0682	-0.0443	-0.0645	0.0165	0.0021	-0.0014	-0.1598
Blythe City 33/4.8 (D)		0.0000	5.31	37.93%	14.00	-0.0099	-0.0033	-0.0082	0.0037	0.0012	-0.0005	-0.0170
Bolsa 66/12 (D)		0.6906	46.18	88.81%	52.00	-0.0598	-0.0982	-0.1447	0.3461	0.0111	-0.0028	0.0517
Borrego 66/12 (D)		0.0003	62.29	57.13%	109.03	-0.1488	-0.0694	-0.1329	0.4329	0.0168	-0.0001	0.0985
Bovine 66/12 (D)		0.0006	49.83	71.19%	70.00	-0.0502	-0.0716	-0.1560	0.2323	0.0066	-0.0030	-0.0419
Bowl 66/12 (D)		0.2622	22.27	69.45%	32.07	-0.0231	-0.0399	-0.0764	0.0791	0.0033	-0.0004	-0.0574
Bowl 66/4.16 (D)		0.0001	12.51	80.95%	15.45	-0.0090	-0.0149	-0.0371	0.1023	0.0072	0.0000	0.0485
Boxwood 66/12 (D)		0.0000	13.53	41.49%	32.61	-0.0168	-0.0038	-0.0262	0.0362	0.0017	-0.0119	-0.0208
Bradbury 66/16 (D)		1.5881	91.90	85.98%	106.88	-0.0819	-0.1657	-0.2771	0.2845	0.0128	-0.0093	-0.2367
Brea 66/12 (D)		0.0013	60.49	72.31%	83.65	-0.1023	-0.0563	-0.1207	0.2602	0.0061	-0.0027	-0.0157
Brewster 16/4.16 (D)		0.0001	9.80	65.89%	14.87	-0.0189	-0.0046	-0.0179	0.0367	0.0028	-0.0008	-0.0027
Bridge 66/4.16 (D)		0.0001	12.27	41.33%	29.69	-0.0085	-0.0035	-0.0236	0.1324	0.0086	-0.0027	0.1027
Bridgeport 16/12 (D)		0.0000	0.77	77.08%	1.00	-0.0001	0.0000	-0.0003	0.0019	0.0004	-0.0015	0.0004
Bridgeport 16/16 (D)		0.1500	2.67	69.83%	3.82	-0.0030	-0.0043	-0.0066	0.0026	0.0028	0.0029	-0.0056
Brighton 66/16 (D)		0.7122	48.77	89.53%	54.47	-0.0260	-0.1399	-0.2046	0.1515	0.0047	-0.0037	-0.2180
Broadway 12/4.16 (D)		0.0001	3.57	60.16%	5.93	-0.0078	-0.0042	-0.0084	0.0335	0.0018	-0.0001	0.0148
Broadway 66/12 (D)		0.0010	49.63	84.96%	58.41	-0.0372	-0.0999	-0.1782	0.3235	0.0149	-0.0028	0.0203
Brookhurst 66/12 (D)		0.0002	47.11	90.60%	52.00	-0.0608	-0.0351	-0.1403	0.3350	0.0168	-0.0052	0.1104
Brown P.T. 33/4.16 (A)		0.0000	[redacted]			0.0000	-0.0003	-0.0005	0.0000	0.0014	0.0000	0.0006
Browning 66/12 (D)		0.0006	21.35	29.33%	72.80	-0.0070	-0.0318	-0.0399	0.0150	0.0041	-0.0001	-0.0597
Bryan 66/12 (D)		5.5292	115.63	98.50%	117.39	-0.1993	-0.1843	-0.3277	0.4205	0.0078	-0.0048	-0.2878
Bryman 33/4.16 (D)		0.0087	0.73	73.07%	1.00	-0.0008	0.0000	-0.0005	0.0008	0.0038	0.0000	0.0033
Bullis 66/16 (D)	GNA_2023	3.6587	75.05	91.13%	82.35	-0.0641	-0.1393	-0.2706	0.2597	0.0156	-0.0077	-0.2064
Bullis 66/4.16 (D)		0.0001	11.84	69.89%	16.94	-0.0063	-0.0021	-0.0211	0.0569	0.0079	-0.0021	0.0332
Bunker 115/12 (D)		2.9828	96.11	88.44%	108.67	-0.2310	-0.1795	-0.2513	0.1485	0.0112	-0.0006	-0.5027
Burnt Mill 33/12 (D)		0.0001	15.75	86.77%	18.15	-0.0076	-0.0107	-0.0284	0.0470	0.0231	-0.0053	0.0181
Burnt Mill 33/33 (D)		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0105	0.0007	-0.0001	0.0110
Cabazon 33/12 (D)		0.0000	7.23	39.73%	18.20	-0.0392	-0.0031	-0.0112	0.0202	0.0013	-0.0020	-0.0340
Cabrillo 66/12 (D)		5.2872	145.31	80.04%	181.55	-0.0556	-0.2175	-0.5434	0.4378	0.0319	-0.0053	-0.3521
Cady 33/12 (D)		0.0001	4.50	69.23%	6.50	-0.0225	-0.0067	-0.0113	0.0007	0.0029	-0.0008	-0.0377
Cajalco 115/12 (D)		2.9363	76.72	86.99%	88.20	-0.4957	-0.0754	-0.1545	0.4509	0.0103	-0.0004	-0.2648
Calamar P.T. 33/12 (A)		0.0000	1.67	25.61%	6.52	-0.0209	-0.0007	-0.0019	0.0041	0.0003	-0.0001	-0.0192
Calcadia P.T. 33/12 (A)		0.0000	[redacted]			-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0000	-0.0003
Calcity 'A' 33/12 (D)	GNA_2023	8.9940	10.54	74.02%	14.24	-0.0186	-0.0086	-0.0196	0.0177	0.0006	-0.0012	-0.0297
Calcity 'B' 33/12 (D)	GNA_2023	18.0264	8.94	49.13%	18.20	-0.0127	-0.0076	-0.0173	0.0205	0.0011	-0.0005	-0.0165
Calden 66/16 (D)	GNA_2023	0.2842	33.84	46.47%	72.82	-0.0093	-0.0305	-0.0931	0.1241	0.0106	-0.0055	-0.0037
Calectric 115/33 (D)		7.8275	117.88	80.42%	146.59	-0.2946	-0.2616	-0.4665	0.2127	0.0641	-0.0051	-0.7510
Camarillo 66/16 (D)		0.0013	75.12	79.86%	94.06	-0.0383	-0.0638	-0.1915	0.3472	0.0248	-0.0063	0.0721
Camden 66/12 (D)		2.4003	46.90	94.22%	49.78	-0.0867	-0.0802	-0.1515	0.2563	0.0118	-0.0030	-0.0533
Cameron 66/12 (D)		0.0004	25.28	35.40%	71.41	-0.0199	-0.0279	-0.0717	0.0620	0.0053	-0.0017	-0.0539
Camino 16/16 (D)		0.0000	0.38	2.47%	15.40	-0.0065	-0.0004	-0.0024	0.0040	0.0002	-0.0006	-0.0057
Camp Nelson P.T. 12/4.16 (A)		0.0000	0.68	45.25%	1.50	0.0000	0.0000	-0.0005	0.0019	0.0036	-0.0006	0.0044
Canadian P.T. 33/12 (A)		0.0582	5.96	49.40%	12.07	-0.0156	-0.0065	-0.0128	0.0251	0.0014	-0.0007	-0.0091
Cantil 33/12 (D)		0.0001	[redacted]			-0.0003	-0.0002	-0.0020	0.0002	0.0009	-0.0003	-0.0017
Canyon 66/12 (D)		0.0003	43.00	45.47%	94.57	-0.0978	-0.0544	-0.0984	0.3109	0.0047	-0.0021	0.0629
Canyon Lake 33/12 (D)		0.0001	17.10	93.42%	18.31	-0.0819	-0.0064	-0.0221	0.0367	0.0026	-0.0003	-0.0714
Capitan 66/16 (D)		0.0001	5.55	15.25%	36.38	-0.0043	-0.0029	-0.0034	0.0516	0.0003	0.0001	0.0414
Car Wash P.T. 12/4.16 (A)		0.0000	1.13	86.93%	1.30	-0.0021	0.0000	-0.0011	0.0045	0.0005	0.0000	0.0018
Carancho P.T. 33/12 (A)		0.0296	4.59	93.84%	4.89	-0.0786	-0.0031	-0.0065	0.0157	0.0005	-0.0004	-0.0724
Cardiff 66/12 (D)		8.4025	89.79	82.23%	109.20	-0.0783	-0.2963	-0.3885	0.1415	0.0100	-0.0063	-0.6179
Carmenita 66/12 (D)		0.0019	66.99	61.49%	108.94	-0.0717	-0.1953	-0.3111	0.1329	0.0092	-0.0036	-0.4396
Carodean 115/12 (D)		0.0668	17.97	49.38%	36.39	-0.0687	-0.0152	-0.0306	0.0263	0.0028	-0.0012	-0.0866
Carolina 66/12 (D)		2.4799	94.54	82.05%	115.22	-0.1217	-0.1409	-0.2612	0.3052	0.0088	-0.0036	-0.2134
Carpinteria 66/16 (D)		4.7728	40.76	57.98%	70.29	-0.0251	-0.0359	-0.0848	0.2523	0.0095	-0.0014	0.1146
Carson 66/16 (D)		5.6409	63.92	64.11%	99.71	-0.0162	-0.1500	-0.2393	0.4908	0.0120	-0.0004	0.0969
Casa Diablo 115/33 (D)		0.9680	46.05	42.49%	108.39	-0.0085	0.0000	-0.0586	0.0318	0.0335	-0.0044	-0.0062
Casa Diablo 33/12 (D)		0.0001	[redacted]			0.0000	0.0000	-0.0053	0.0075	0.0064	-0.0029	0.0057
Cascade P.T. 33/12 (A)		0.0002	5.07	77.74%	6.52	-0.0282	-0.0011	-0.0064	0.0691	0.0008	-0.0002	0.0340
Casitas 66/16 (D)		0.0007	42.28	58.36%	72.44	-0.0521	-0.0527	-0.1095	0.1375	0.0095	-0.0029	-0.0702
Casper P.T. 16/4.16 (A)		0.0000	[redacted]			-0.0010	-0.0001	-0.0001	0.0014	0.0002	0.0000	0.0004
Cedarwood 12/4.16 (D)		0.0000	2.01	33.78%	5.95	0.0000	0.0000	-0.0015	0.0165	0.0034	-0.0001	0.0183
Center 66/12 (D)		2.7363	94.87	87.09%	108.93	-0.0863	-0.1731	-0.3314	0.2302	0.0130	-0.0061	-0.3537
Channel Island 66/16 (D)	GNA_2023	2.9664	47.44	65.16%	72.80	0.0000	0.0000	-0.0996	0.3558	0.0700	-0.0132	0.3130
Chase 66/12 (D)		1.0914	130.86	91.37%	143.21	-0.4413	-0.2072	-0.3472	0.3125	0.0119	-0.0015	-0.6728
Chatham 66/12 (D)		0.0002	12.30	33.80%	36.39	-0.0287	-0.0454	-0.0378	0.0258	0.0016	-0.0002	-0.0847
Chatsworth 66/16 (D)		0.0008	31.70	60.96%	52.00	-0.0402	-0.0083	-0.0414	0.7156	0.0024	-0.0020	0.6261
Cherry 66/12 (D)		0.3876	27.34	47.02%	58.15	-0.0095	-0.0365	-0.0989	0.1594	0.0124	-0.0023	0.0246

Facility	2024										
	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Acton 66/12 (D)	0.0066	18.39	25.63%	71.74	-0.0815	-0.0203	-0.0674	0.2567	0.0042	-0.0030	0.0887
Aha P.T. 33/12 (A)	0.0000	2.68	63.81%	4.20	-0.0155	-0.0007	-0.0034	0.0102	0.0012	-0.0002	-0.0084
Albury P.T. 12/4.16 (A)	0.0000	1.09	41.92%	2.60	-0.0044	0.0000	-0.0020	0.0097	0.0015	0.0000	0.0048
Alder 66/12 (D)	2.0015	130.87	84.42%	155.02	-0.3407	-0.4126	-0.8148	0.7548	0.0428	-0.0084	-0.7789
Alessandro 115/12 (D)	5.8908	112.98	87.66%	128.89	-0.7741	-0.3109	-0.5539	0.4675	0.0476	-0.0069	-1.1307
Alessandro 115/33 (D)	11.2343	[redacted]			-0.3406	-0.2970	-0.4347	0.2613	0.0592	-0.0027	-0.7545
Alhambra 66/16 (D)	3.1580	120.81	83.38%	144.88	-0.1583	-0.3745	-0.5591	1.0655	0.0324	-0.0203	-0.0143
Alhambra 66/4.16 (D)	0.0026	10.61	57.96%	18.31	-0.0221	-0.0234	-0.0376	0.1704	0.0069	-0.0016	0.0926
Alon 66/12 (D)	3.7339	37.54	77.03%	48.74	-0.0210	-0.2284	-0.3283	0.3479	0.0257	-0.0018	-0.2059
Amador 66/16 (D)	10.3571	74.14	84.50%	87.74	-0.0807	-0.2561	-0.4443	0.3527	0.0149	-0.0178	-0.4313
Amador 66/4.16 (D)	0.0044	16.25	90.28%	18.00	-0.0210	-0.0172	-0.0587	0.1261	0.0111	-0.0053	0.0350
Amalia 16/4.16 (D)	0.0891	13.93	92.87%	15.00	-0.0157	-0.0316	-0.0658	0.0639	0.0114	-0.0050	-0.0428
Amargo 33/4.16 (D)	0.0005	1.57	87.21%	1.80	-0.0013	-0.0010	-0.0063	0.0095	0.0034	-0.0005	0.0038
Amboy 33/12 (D)	0.0000	[redacted]			0.0000	0.0000	-0.0007	0.0010	0.0008	0.0002	0.0013
Anaverde 66/12 (D)	1.5945	78.37	82.82%	94.63	-0.1502	-0.1264	-0.4383	0.4541	0.0162	-0.0159	-0.2605
Anita 66/16 (D)	1.0085	80.35	84.37%	95.24	-0.0720	-0.1803	-0.3561	0.6517	0.0149	-0.0146	0.0436
Anita 66/4.16 (D)	0.0037	18.09	66.82%	27.07	-0.0201	-0.0034	-0.0362	0.2511	0.0121	-0.0015	0.2020
Apple Valley 115/12 (D)	0.2698	90.25	82.88%	108.89	-0.5193	-0.1230	-0.3854	0.3910	0.0328	-0.0128	-0.6167
Aqueduct 115/12 (D)	5.6680	87.55	81.89%	106.91	-0.7015	-0.1755	-0.4105	0.3289	0.0253	-0.0035	-0.9368
Arcadia 66/16 (D)	2.0255	93.18	86.96%	107.15	-0.1190	-0.3171	-0.5330	0.7171	0.0182	-0.0150	-0.2488
Arcadia 66/4.16 (D)	0.0053	12.94	40.28%	32.13	-0.0099	-0.0084	-0.0319	0.1776	0.0081	-0.0038	0.1317
Archibald 66/12 (D)	8.7354	92.49	70.58%	131.04	-0.4415	-0.1552	-0.4137	0.7413	0.0270	-0.0060	-0.2481
Archline 66/12 (D)	0.0285	114.49	87.66%	130.61	-0.2728	-0.1559	-0.3875	0.8602	0.0382	-0.0059	0.0763
Armijo P.T. 33/12 (A)	0.0429	[redacted]			-0.0505	-0.0071	-0.0067	0.0185	0.0032	0.0002	-0.0424
Arrington P.T. 12/4.16 (A)	0.0000	1.20	36.92%	3.25	-0.0076	0.0000	-0.0019	0.0221	0.0012	0.0000	0.0138
Arro 33/4.16 (D)	0.0000	12.89	73.47%	17.54	-0.0349	-0.0130	-0.0404	0.0494	0.0144	-0.0003	-0.0248
Arrowhead 115/33 (D)	0.3614	40.95	59.88%	68.38	-0.2294	0.0000	-0.2032	0.4895	0.1091	-0.0148	0.1512
Arrowhead 33/12 (D)	0.0012	6.33	86.92%	7.28	-0.0111	-0.0030	-0.0166	0.0835	0.0107	-0.0009	0.0626
Arroyo 16/4.16 (D)	0.0000	1.71	53.76%	3.18	-0.0076	-0.0017	-0.0066	0.0396	0.0008	0.0000	0.0245
Arroyo 66/16 (D)	0.0170	75.80	69.47%	109.12	-0.2519	-0.1260	-0.2665	0.8379	0.0220	-0.0069	0.2086
Ashley P.T. 16/4.16 (A)	0.0000	0.76	47.45%	1.60	-0.0007	0.0000	-0.0016	0.0183	0.0019	-0.0003	0.0176
Athens 16/4.16 (D)	0.0010	7.43	99.90%	7.44	0.0000	0.0000	-0.0109	0.1050	0.0195	0.0002	0.1138
Atwood 66/12 (D)	0.0198	54.36	91.73%	59.26	-0.2470	-0.0832	-0.2128	0.6483	0.0156	-0.0026	0.1183
Auld 115/12 (D)	7.4085	126.48	87.85%	143.96	-0.9093	-0.1772	-0.3973	0.9670	0.0421	-0.0079	-0.4826
Auld 115/33 (D)	0.2183	35.75	28.79%	124.19	-0.4237	-0.0171	-0.1669	0.3137	0.1963	-0.0051	-0.1028
Aventura P.T. 33/12 (A)	0.1990	10.31	79.19%	13.02	-0.0461	-0.0168	-0.0466	0.0103	0.0037	-0.0025	-0.0980
Badwater P.T. 33/12 (A)	0.0000	[redacted]			0.0000	0.0000	-0.0021	0.0037	0.0002	-0.0001	0.0017
Bain 66/12 (D)	5.7999	65.94	90.84%	72.59	-0.2880	-0.2216	-0.3372	0.2486	0.0256	0.0004	-0.5722
Baker 115/12 (D)	6.8554	12.74	70.00%	18.20	-0.0135	-0.0082	-0.0320	0.0019	0.0014	-0.0019	-0.0523
Bandini 66/16 (D)	11.9556	67.68	74.69%	90.62	-0.0366	-0.3520	-0.5156	0.2507	0.0190	-0.0007	-0.6352
Banducci 66/12 (D)	0.0110	15.85	21.91%	72.35	-0.0660	-0.0160	-0.0632	0.1804	0.0052	-0.0051	0.0353
Banning 115/33 (D)	4.0470	78.06	56.21%	138.86	-0.2014	-0.1510	-0.1360	0.1340	0.0107	-0.0009	-0.3446
Bard P.T. 16/4.16 (A)	0.0003	1.90	67.87%	2.80	0.0000	0.0000	-0.0036	0.0325	0.0104	-0.0002	0.0391
Barre 66/12 (D)	1.1193	85.41	69.13%	123.54	-0.2035	-0.2163	-0.4097	0.6090	0.0527	-0.0125	-0.1803
Barstow 33/12 (D)	0.4340	10.24	39.25%	26.09	-0.0433	-0.0241	-0.0601	0.0395	0.0030	-0.0035	-0.0885
Barstow 33/33 (D)	8.1320	25.52	26.64%	95.81	-0.2374	-0.0145	-0.0617	0.0575	0.0321	0.0049	-0.2191
Bassett 66/12 (D)	0.3232	89.70	90.99%	98.58	-0.2338	-0.2735	-0.5159	0.5003	0.0242	-0.0106	-0.5093
Basta 12/4.16 (D)	0.0001	3.35	34.66%	9.66	-0.0120	-0.0008	-0.0044	0.0395	0.0026	-0.0002	0.0247
Bayside 66/12 (D)	0.0057	63.02	70.71%	89.13	-0.1987	-0.2592	-0.4291	0.8689	0.0279	-0.0060	0.0038
Beaumont 12/4.16 (D)	0.0000	3.56	77.79%	4.58	-0.0211	-0.0120	-0.0180	0.0313	0.0025	-0.0017	-0.0190
Belding 33/4.16 (D)	0.0000	7.08	75.46%	9.38	-0.0315	-0.0038	-0.0159	0.0130	0.0026	0.0000	-0.0356
Belmont 12/4.16 (D)	0.0022	7.41	80.95%	9.15	-0.0220	-0.0241	-0.0403	0.1610	0.0055	-0.0016	0.0785
Belvedere 16/4.16 (A)	-0.0030	8.27	90.35%	9.15	-0.0093	-0.0118	-0.0363	0.0604	0.0059	-0.0014	0.0075
Belvedere P.T. 16/4.16 (A)	0.0000	2.22	75.79%	2.93	-0.0026	-0.0048	-0.0123	0.0177	0.0015	-0.0009	-0.0014
Bessemer P.T. 33/12 (A)	0.0001	[redacted]			-0.0023	0.0000	-0.0002	0.0008	0.0007	-0.0003	-0.0013
Beverly 66/16 (D)	9.3770	151.02	69.85%	216.20	-0.0729	-0.4477	-0.8005	0.6319	0.0340	-0.0106	-0.6658
Beverly 66/4.16 (D)	0.1602	21.79	47.61%	45.77	-0.0273	-0.0441	-0.0956	0.1829	0.0176	-0.0032	0.0303
Bicknell 16/4.16 (D)	0.0009	3.33	38.81%	8.58	-0.0081	-0.0086	-0.0246	0.0418	0.0056	-0.0010	0.0051
Big Bend Bia 33/12 (D)	0.0000	2.36	47.20%	5.00	-0.0002	-0.0002	-0.0079	0.0014	0.0005	-0.0003	-0.0067
Big Creek 2 220/12 (D)	0.0000	[redacted]			-0.0010	-0.0002	-0.0002	0.0022	0.0005	0.0000	0.0013
Bigfoot P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0002	-0.0002	-0.0007	0.0000	0.0003	-0.0005	-0.0013
Bixby 12/4.16 (D)	0.0006	4.53	60.91%	7.44	-0.0035	-0.0058	-0.0187	0.1457	0.0110	-0.0018	0.1269
Black Meadows 33/12 (A)	0.0000	[redacted]			-0.0006	-0.0025	-0.0049	0.0002	0.0032	0.0000	-0.0046
Bliss 66/12 (D)	0.1982	36.37	49.96%	72.80	-0.0495	-0.0470	-0.0973	0.0612	0.0230	0.0032	-0.1064
Bloomington 66/12 (D)	6.9411	125.13	87.01%	143.80	-0.2736	-0.4472	-0.6890	0.3530	0.0337	-0.0069	-1.0300
Blue Cut P.T. 33/12 (A)	0.0000	1.75	93.60%	1.87	-0.0168	-0.0042	-0.0104	0.0335	0.0007	-0.0004	0.0024
Bluff Cove 16/4.16 (D)	0.0000	6.61	72.21%	9.15	-0.0380	-0.0019	-0.0235	0.2193	0.0117	0.0000	0.1676
Blythe 33/33 (D)	13.8995	80.25	85.31%	94.07	-0.8152	-0.0064	-0.1917	0.1307	0.0232	-0.0057	-0.8651
Blythe City 33/12 (D)	6.8757	23.84	69.28%	34.41	-0.1214	-0.0785	-0.1134	0.0384	0.0065	-0.0029	-0.2713
Blythe City 33/4.8 (D)	0.0000	5.29	37.79%	14.00	-0.0180	-0.0063	-0.0152	0.0076	0.0030	-0.0011	-0.0300
Bolsa 66/12 (D)	0.7022	46.32	89.08%	52.00	-0.1143	-0.1823	-0.2664	0.7107	0.0277	-0.0061	0.1693
Borrego 66/12 (D)	1.3697	64.04	58.74%	109.03	-0.2602	-0.1240	-0.2541	0.9064	0.0535	0.0008	0.3224
Bovine 66/12 (D)	0.7490	50.66	72.37%	70.00	-0.0898	-0.1344	-0.2783	0.4826	0.0148	-0.0057	-0.0108
Bowl 66/12 (D)	0.2635	22.25	69.39%	32.07	-0.0412	-0.0758	-0.1309	0.1644	0.0069	-0.0006	-0.0772
Bowl 66/4.16 (D)	0.0017	12.58	81.40%	15.45	-0.0163	-0.0285	-0.0658	0.2094	0.0143	-0.0002	0.1129
Boxwood 66/12 (D)	0.0004	13.52	41.46%	32.61	-0.0323	-0.0071	-0.0527	0.0746	0.0054	-0.0187	-0.0308
Bradbury 66/16 (D)	2.0008	92.23	86.29%	106.88	-0.1520	-0.3005	-0.5023	0.5994	0.0279	-0.0168	-0.3443
Brea 66/12 (D)	0.0184	60.58	72.42%	83.65	-0.1797	-0.1009	-0.2306	0.5495	0.0154	-0.0053	0.0484
Brewster 16/4.16 (D)	0.0020	9.65	64.88%	14.87	-0.0322	-0.0079	-0.0354	0.0773	0.0078	-0.0015	0.0081
Bridge 66/4.16 (D)	0.0010	11.34	38.20%	29.69	-0.0117	-0.0056	-0.0411	0.2573	0.0248	-0.0049	0.2188
Bridgeport 16/12 (D)	0.0000	0.77	77.08%	1.00	-0.0002	0.0000	-0.0006	0.0039	0.0009	-0.0018	0.0022
Bridgeport 16/16 (D)	0.4625	2.98	77.94%	3.82	-0.0060	-0.0080	-0.0112	0.0056	0.0075	0.0033	-0.0088
Brighton 66/16 (D)	3.0284	52.06	95.57%	54.47	-0.0476	-0.2603	-0.3748	0.3150	0.0133	-0.0074	-0.3618
Broadway 12/4.16 (D)	0.0008	3.59	60.49%	5.93	-0.0138	-0.0082	-0.0155	0.0695	0.0037	-0.0001	0.0356
Broadway 66/12 (D)	0.0134	49.79	85.24%	58.41	-0.0613	-0.1761	-0.3067	0.6896	0.0328	-0.0089	0.1694
Brookhurst 66/12 (D)	0.0010	48.65	93.56%	52.00	-0.1201	-0.0698	-0.2596	0.6708	0.0417	-0.0146	0.2484
Brown P.T. 33/4.16 (A)	0.0000	[redacted]			0.0000	-0.0006	-0.0009	0.0000	0.0030	0.0000	0.0015
Browning 66/12 (D)	0.0098	21.32	29.28%	72.80	-0.0139	-0.0574	-0.0788	0.0376	0.0099	0.0000	-0.1026
Bryan 66/12 (D)	5.7118	115.68	98.54%	117.39	-0.3693	-0.3428	-0.6001	0.8690	0.0279	-0.0090	-0.4243
Bryman 33/4.16 (D)	0.0119	0.73	73.07%	1.00	-0.0008	0.0000	-0.0010	0.0024	0.0070	-0.0002	0.0074
Bullis 66/16 (D)	6.7979	77.95	94.65%	82.35	-0.1377	-0.3007	-0.5093	0.5302	0.0385	-0.0140	-0.3930
Bullis 66/4.16 (D)	0.0014	11.88	70.12%	16.94	-0.0131	-0.0047	-0.0419	0.1149	0.0173	-0.0041	0.0684
Bunker 115/12 (D)	6.3011	101.12	69.46%	145.59	-0.4250	-0.3292	-0.4636	0.3207	0.0263	-0.0013	-0.8721
Burnt Mill 33/12 (D)	0.0025	15.25	84.01%	18.15	-0.0076	-0.0107	-0.0499	0.1011	0.0576	-0.0087	0.0818
Burnt Mill 33/33 (D)	0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0232	0.0014	-0.0001	0.0243
Cabazon 33/12 (D)	0.0000	7.23	39.73%	18.20	-0.0524	-0.0039	-0.0224	0.0427	0.0031	-0.0050	-0.0379
Cabrillo 66/12 (D)	5.9543	145.88	80.35%	181.55	-0.1018	-0.4013	-0.9701	0.9243	0.0733	-0.0128	-0.4884
Cady 33/12 (D)	0.1804	4.65	71.54%	6.50	-0.0431	-0.0122	-0.0226	0.0016	0.0063	-0.0014	-0.0714
Cajalco 115/12 (D)	5.8107	78.65	89.18%	88.20	-0.8381	-0.1328	-0.2948	0.9769	0.0264	-0.0037	-0.2661
Calamar P.T. 33/12 (A)	0.0000	1.66	25.45%	6.52	-0.0335	-0.0011	-0.0040	0.0096	0.0009	-0.0002	-0.0283
Calcadia P.T. 33/12 (A)	0.0000	[redacted]			-0.0002	-0.0002	-0.0002	0.0000	0.0000	0.0000	-0.0006
Calcity 'A' 33/12 (D)	39.0444	10.54	74.02%	14.24	-0.0343	-0.0175	-0.0385	0.0354	0.0030	-0.0018	-0.0537
Calcity 'B' 33/12 (D)	19.2548	9.00	49.46%	18.20	-0.0233	-0.0139	-0.0338	0.0431	0.0032	-0.0009	-0.0256
Calden 66/16 (D)	0.3647	33.93	46.59%	72.82	-0.0203	-0.0672	-0.1856	0.2583	0.0264	-0.0117	-0.0001
Calectric 115/33 (D)	30.6734	141.87	96.78%	146.59	-0.5494	-0.4716	-0.8743	0.4637	0.1318	-0.0095	-1.3093
Camarillo 66/16 (D)	0.2557	75.58	80.35%	94.06	-0.0634	-0.1139	-0.3334	0.7184	0.0522	-0.0144	0.2455
Camden 66/12 (D)	2.5178	47.06	94.54%	49.78	-0.1621	-0.1491	-0.2785	0.5409	0.0335	-0.0057	-0.0210
Cameron 66/12 (D)	4.9705	31.87	44.63%	71.41	-0.0361	-0.0516	-0.1340	0.1266	0.0142	-0.0048	-0.0857
Camino 16/16 (D)	0.0000	0.37	2.40%	15.40	-0.0128	-0.0007	-0.0044	0.0082	0.0005	-0.0020	-0.0112
Camp Nelson P.T. 12/4.16 (A)	0.0000	0.68	45.25%	1.50	0.0000	0.0000	-0.0010	0.0039	0.0063	-0.0009	0.0083
Canadian P.T. 33/12 (A)	0.0711	6.56	54.37%	12.07	-0.0249	-0.0102	-0.0251	0.0585	0.0039	-0.0015	0.0007
Cantil 33/12 (D)	0.0021	[redacted]			-0.0006	-0.0004	-0.0036	0.0005	0.0020	-0.0006	-0.0027
Canyon 66/12 (D)	0.0050	43.13	45.61%	94.57	-0.1805	-0.1015	-0.1889	0.6415	0.0123	-0.0040	0.1789
Canyon Lake 33/12 (D)	0.0018	17.05	93.14%	18.31	-0.1423	-0.0120	-0.0444	0.0776	0.0063	-0.0005	-0.1153
Capitan 66/16 (D)	0.0016	5.60	15.39%	36.38	-0.0084	-0.0054	-0.0062	0.1064	0.0006	0.0000	0.0870
Car Wash P.T. 12/4.16 (A)	0.0000	1.14	87.70%	1.30	-0.0037	0.0000	-0.0023	0.0091	0.0016	0.0000	0.0047
Carancho P.T. 33/12 (A)	0.0296	4.52	92.41%	4.89	-0.1507	-0.0057	-0.0136	0.0338	0.0013	-0.0007	-0.1356
Cardiff 66/12 (D)	8.4294	89.33	81.81%	109.20	-0.1491	-0.5474	-0.7149	0.3188	0.0251	-0.0122	-1.0797
Carmenita 66/12 (D)	0.0282	66.70	61.23%	108.94	-0.1299	-0.3603	-0.5531	0.2801	0.0189	-0.0066	-0.7509
Carodean 115/12 (D)	0.0918	18.38	50.51%	36.39	-0.1160	-0.0254	-0.0681	0.0598	0.0072	-0.0038	-0.1463
Carolina 66/12 (D)	3.8226	95.92	83.25%	115.22	-0.2176	-0.2524	-0.4788	0.6406	0.0226	-0.0072	-0.2928
Carpinteria 66/16 (D)	7.3757	43.71	62.18%	70.29	-0.0461	-0.0649	-0.1587	0.5414	0.0234	-0.0008	0.2943
Carson 66/16 (D)	6.8517	65.43	65.62%	99.71	-0.0312	-0.2756	-0.4389	1.0718	0.0272	-0.0006	0.3527
Casa Diablo 115/33 (D)	2.1409	47.35	43.69%	108.39	-0.0162	0.0000	-0.1091	0.0674	0.0678	-0.0074	0.0025
Casa Diablo 33/12 (D)	1.4473	[redacted]			-0.0032	-0.0033	-0.0104	0.0144	0.0108	-0.0034	0.0049
Cascade P.T. 33/12 (A)	0.0028	5.12	78.51%	6.52	-0.0545	-0.0020	-0.0137	0.1416	0.0019	-0.0004	0.0729
Casitas 66/16 (D)	0.0535	42.32	58.42%	72.44	-0.0969	-0.0990	-0.2080	0.3027	0.0237	-0.0054	-0.0829
Casper P.T. 16/4.16 (A)	0.0000	[redacted]			-0.0020	-0.0001	-0.0002	0.0029	0.0004	0.0000	0.0010
Cedarwood 12/4.16 (D)	0.0001	2.04	34.29%	5.95	0.0000	0.0000	-0.0030	0.0336	0.0074	-0.0003	0.0377
Center 66/12 (D)	3.7022	95.68	87.83%	108.93	-0.1506	-0.3139	-0.6019	0.4959	0.0338	-0.0119	-0.5486
Channel Island 66/16 (D)	5.5416	50.43	69.27%	72.80	0.0000	0.0000	-0.1847	0.7259	0.1255	-0.0316	0.6351
Chase 66/12 (D)	4.8824	134.50	93.92%	143.21	-0.7997	-0.3783	-0.6492	0.6526	0.0365	-0.0026	-1.1407
Chatham 66/12 (D)	0.0030	12.23	33.61%	36.39	-0.0554	-0.0822	-0.0733	0.0535	0.0042	0.0003	-0.1529
Chatsworth 66/16 (D)	0.0131	32.51	62.52%	52.00	-0.0647	-0.0142	-0.0827	1.5103	0.0075	-0.0057	1.3505
Cherry 66/12 (D)	0.3878	27.40	47.12%	58.15	-0.0181	-0.0690	-0.1699	0.3264	0.0231	-0.0049	0.0876

Facility	2025														
	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]	Facility Loading Limit (MW) [26]
Acton 66/12 (D)	0.0098	18.46	25.73%	71.74	-0.1205	-0.0301	-0.1013	0.3958	0.0077	-0.0046	0.1470	0.0141	18.54	25.84%	71.74
Aha P.T. 33/12 (A)	0.0000	2.67	63.57%	4.20	-0.0245	-0.0012	-0.0052	0.0149	0.0023	-0.0003	-0.0140	0.0000	2.67	63.57%	4.20
Albury P.T. 12/4.16 (A)	0.0000	1.10	42.31%	2.60	-0.0067	0.0000	-0.0030	0.0146	0.0028	0.0000	0.0077	0.0000	1.10	42.31%	2.60
Alder 66/12 (D)	3.7597	132.52	85.48%	155.02	-0.4948	-0.5980	-1.1917	1.1802	0.0789	-0.0129	-1.0383	5.4259	134.07	86.48%	155.02
Alessandro 115/12 (D)	6.0440	112.62	87.38%	128.89	-1.1422	-0.4634	-0.8123	0.7140	0.0946	-0.0092	-1.6185	6.4094	112.50	87.28%	128.89
Alessandro 115/33 (D)	12.2823	[redacted]			-0.4790	-0.4320	-0.6331	0.4043	0.1040	-0.0041	-1.0399	13.1384	[redacted]		
Alhambra 66/16 (D)	3.3155	121.05	83.55%	144.88	-0.2371	-0.5557	-0.8211	1.6236	0.0630	-0.0276	0.0451	3.4315	121.21	83.66%	144.88
Alhambra 66/4.16 (D)	0.0039	10.66	58.23%	18.31	-0.0331	-0.0349	-0.0561	0.2544	0.0142	-0.0024	0.1421	0.0067	10.71	58.50%	18.31
Alon 66/12 (D)	3.9122	37.62	77.19%	48.74	-0.0320	-0.3414	-0.4806	0.5115	0.0419	-0.0028	-0.3034	4.0236	37.62	77.19%	48.74
Amador 66/16 (D)	10.4168	76.97	87.72%	87.74	-0.1240	-0.3825	-0.6451	0.5346	0.0284	-0.0260	-0.6146	10.5034	76.88	87.62%	87.74
Amador 66/4.16 (D)	0.0064	16.26	90.33%	18.00	-0.0339	-0.0266	-0.0879	0.1859	0.0208	-0.0080	0.0503	0.0109	16.29	90.50%	18.00
Amalia 16/4.16 (D)	0.0982	13.92	92.80%	15.00	-0.0241	-0.0491	-0.0964	0.0946	0.0205	-0.0073	-0.0618	0.1046	13.92	92.80%	15.00
Amargo 33/4.16 (D)	0.0008	1.57	87.21%	1.80	-0.0017	-0.0013	-0.0091	0.0145	0.0057	-0.0008	0.0073	0.0016	1.58	87.77%	1.80
Amboy 33/12 (D)	0.0000	[redacted]			0.0000	0.0000	-0.0011	0.0020	0.0015	0.0004	0.0028	0.0000	[redacted]		
Anaverde 66/12 (D)	2.0179	78.74	83.21%	94.63	-0.2165	-0.1891	-0.6253	0.6817	0.0304	-0.0252	-0.3440	2.3235	78.98	83.46%	94.63
Anita 66/16 (D)	1.0264	83.69	87.88%	95.24	-0.1062	-0.2678	-0.5226	0.9886	0.0286	-0.0214	0.0992	1.0544	83.75	87.94%	95.24
Anita 66/4.16 (D)	0.0053	18.21	67.27%	27.07	-0.0301	-0.0051	-0.0552	0.3750	0.0228	-0.0024	0.3050	0.0086	18.34	67.75%	27.07
Apple Valley 115/12 (D)	0.2998	90.02	82.67%	108.89	-0.7579	-0.1856	-0.5596	0.6083	0.0578	-0.0193	-0.8563	0.4058	89.87	82.53%	108.89
Aqueduct 115/12 (D)	14.8463	97.13	90.85%	106.91	-1.0417	-0.2545	-0.5916	0.5242	0.0444	-0.0064	-1.3256	20.1672	102.52	95.89%	106.91
Arcadia 66/16 (D)	2.0378	93.09	86.88%	107.15	-0.1779	-0.4693	-0.7703	1.0914	0.0350	-0.0221	-0.3132	2.1996	93.21	86.99%	107.15
Arcadia 66/4.16 (D)	0.0074	13.02	40.53%	32.13	-0.0147	-0.0132	-0.0480	0.2640	0.0153	-0.0054	0.1980	0.0121	13.09	40.74%	32.13
Archibald 66/12 (D)	14.2897	99.93	76.26%	131.04	-0.6581	-0.2344	-0.6011	1.1217	0.0524	-0.0082	-0.3277	19.4480	117.22	89.45%	131.04
Archline 66/12 (D)	0.0348	114.57	87.72%	130.61	-0.3995	-0.2334	-0.5741	1.2928	0.0733	-0.0086	0.1505	0.0721	114.63	87.77%	130.61
Armijo P.T. 33/12 (A)	0.0479	[redacted]			-0.0744	-0.0106	-0.0098	0.0283	0.0051	0.0003	-0.0611	0.0539	[redacted]		
Arrington P.T. 12/4.16 (A)	0.0000	1.21	37.23%	3.25	-0.0115	0.0000	-0.0029	0.0318	0.0024	0.0000	0.0198	0.0000	1.21	37.23%	3.25
Arro 33/4.16 (D)	0.0000	12.88	73.42%	17.54	-0.0515	-0.0195	-0.0609	0.0735	0.0258	-0.0005	-0.0331	0.0000	12.87	73.36%	17.54
Arrowhead 115/33 (D)	0.5387	41.37	60.50%	68.38	-0.3146	0.0000	-0.2810	0.7694	0.1982	-0.0191	0.3529	0.7745	41.75	61.05%	68.38
Arrowhead 33/12 (D)	0.0017	6.38	87.61%	7.28	-0.0151	-0.0041	-0.0249	0.1384	0.0174	-0.0011	0.1106	0.0029	6.43	88.29%	7.28
Arroyo 16/4.16 (D)	0.0000	1.73	54.39%	3.18	-0.0115	-0.0025	-0.0100	0.0595	0.0015	0.0000	0.0370	0.0000	1.75	55.02%	3.18
Arroyo 66/16 (D)	0.0239	75.96	69.61%	109.12	-0.3782	-0.1889	-0.3997	1.2777	0.0418	-0.0100	0.3427	0.0340	76.09	69.73%	109.12
Ashley P.T. 16/4.16 (A)	0.0000	0.77	48.07%	1.60	-0.0011	0.0000	-0.0027	0.0271	0.0027	-0.0004	0.0256	0.0000	0.78	48.70%	1.60
Athens 16/4.16 (D)	0.0014	5.18	69.65%	7.44	0.0000	0.0000	-0.0156	0.1652	0.0304	0.0008	0.1808	0.0019	5.24	70.46%	7.44
Atwood 66/12 (D)	0.0280	54.45	91.88%	59.26	-0.3664	-0.1227	-0.3111	0.9734	0.0309	-0.0038	0.2003	0.0409	54.52	92.00%	59.26
Auld 115/12 (D)	8.5873	127.72	88.72%	143.96	-1.2510	-0.2601	-0.5811	1.4835	0.0761	-0.0127	-0.5453	9.4157	128.58	89.31%	143.96
Auld 115/33 (D)	0.2386	35.83	28.85%	124.19	-0.6105	-0.0252	-0.2400	0.5438	0.2914	-0.0091	-0.0496	0.2575	35.85	28.87%	124.19
Aventura P.T. 33/12 (A)	0.1990	10.26	78.80%	13.02	-0.0682	-0.0252	-0.0676	0.0162	0.0064	-0.0038	-0.1422	0.1990	10.21	78.42%	13.02
Badwater P.T. 33/12 (A)	0.0000	[redacted]			0.0000	0.0000	-0.0030	0.0056	0.0004	-0.0002	0.0028	0.0145	[redacted]		
Bain 66/12 (D)	6.7014	66.67	91.85%	72.59	-0.4226	-0.3306	-0.4913	0.3972	0.0461	0.0006	-0.8006	7.6154	67.42	92.88%	72.59
Baker 115/12 (D)	15.0851	21.34	58.63%	36.40	-0.0182	-0.0111	-0.0456	0.0031	0.0024	-0.0032	-0.0726	21.4045	27.94	76.76%	36.40
Bandini 66/16 (D)	15.8578	71.44	78.84%	90.62	-0.0551	-0.5213	-0.7332	0.3932	0.0329	-0.0008	-0.8843	15.8900	71.30	78.68%	90.62
Banducci 66/12 (D)	0.0167	15.90	21.98%	72.35	-0.0913	-0.0227	-0.0944	0.2830	0.0102	-0.0072	0.0776	0.0314	15.95	22.05%	72.35
Banning 115/33 (D)	16.6385	91.69	66.03%	138.86	-0.2243	-0.1661	-0.1959	0.2263	0.0237	-0.0060	-0.3423	20.9328	96.32	69.36%	138.86
Bard P.T. 16/4.16 (A)	0.0003	1.92	68.59%	2.80	0.0000	0.0000	-0.0054	0.0491	0.0156	-0.0003	0.0590	0.0003	1.95	69.66%	2.80
Barre 66/12 (D)	1.2316	85.48	69.19%	123.54	-0.3050	-0.3222	-0.5910	0.9205	0.0888	-0.0190	-0.2279	1.2547	85.42	69.14%	123.54
Barstow 33/12 (D)	0.4359	10.21	39.14%	26.09	-0.0635	-0.0361	-0.0867	0.0609	0.0056	-0.0052	-0.1250	0.4470	10.18	39.02%	26.09
Barstow 33/33 (D)	8.1764	25.48	26.59%	95.81	-0.3488	-0.0215	-0.0864	0.0891	0.0571	0.0072	-0.3033	8.1936	25.52	26.64%	95.81
Bassett 66/12 (D)	0.3385	89.48	90.77%	98.58	-0.3526	-0.4079	-0.7575	0.7589	0.0455	-0.0157	-0.7293	0.7350	89.68	90.97%	98.58
Basta 12/4.16 (D)	0.0001	3.36	34.77%	9.66	-0.0182	-0.0012	-0.0067	0.0590	0.0053	-0.0003	0.0379	0.0001	3.38	34.97%	9.66
Bayside 66/12 (D)	0.0095	63.15	70.85%	89.13	-0.2836	-0.3702	-0.6089	1.3470	0.0523	-0.0107	0.1259	0.0169	63.21	70.92%	89.13
Beaumont 12/4.16 (D)	0.0000	3.55	77.57%	4.58	-0.0306	-0.0182	-0.0265	0.0466	0.0052	-0.0024	-0.0259	0.0000	3.54	77.35%	4.58
Belding 33/4.16 (D)	0.0000	7.06	75.25%	9.38	-0.0460	-0.0058	-0.0232	0.0198	0.0048	0.0001	-0.0503	0.0000	7.05	75.14%	9.38
Belmont 12/4.16 (D)	0.0032	7.46	81.50%	9.15	-0.0317	-0.0358	-0.0580	0.2457	0.0119	-0.0028	0.1293	0.0054	7.54	82.37%	9.15
Belvedere 16/4.16 (A)	-0.0029	8.27	90.35%	9.15	-0.0139	-0.0177	-0.0537	0.0898	0.0112	-0.0021	0.0136	-0.0028	8.28	90.46%	9.15
Belvedere P.T. 16/4.16 (A)	0.0000	2.22	75.79%	2.93	-0.0039	-0.0073	-0.0179	0.0263	0.0028	-0.0013	-0.0013	0.0000	2.22	75.79%	2.93
Bessemer P.T. 33/12 (A)	0.0001	[redacted]			-0.0034	0.0000	-0.0003	0.0011	0.0014	-0.0005	-0.0017	0.0002	[redacted]		
Beverly 66/16 (D)	8.1321	149.40	69.10%	216.20	-0.1070	-0.6652	-1.1534	0.9789	0.0593	-0.0162	-0.9036	10.0080	151.12	69.90%	216.20
Beverly 66/4.16 (D)	0.1731	21.84	47.72%	45.77	-0.0399	-0.0639	-0.1408	0.2804	0.0331	-0.0049	0.0640	0.1820	21.86	47.76%	45.77
Bicknell 16/4.16 (D)	0.0011	3.05	35.54%	8.58	-0.0106	-0.0105	-0.0300	0.0483	0.0070	-0.0010	0.0032	0.0016	3.05	35.54%	8.58
Big Bend Bia 33/12 (D)	0.0000	2.36	47.20%	5.00	-0.0003	-0.0003	-0.0112	0.0021	0.0009	-0.0005	-0.0093	0.0000	2.36	47.20%	5.00
Big Creek 2 220/12 (D)	0.0000	[redacted]			-0.0015	-0.0003	-0.0003	0.0033	0.0006	0.0000	0.0018	0.0000	[redacted]		
Bigfoot P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0003	-0.0003	-0.0010	0.0000	0.0006	-0.0007	-0.0017	0.0000	[redacted]		
Bixby 12/4.16 (D)	0.0013	4.60	61.85%	7.44	-0.0053	-0.0088	-0.0272	0.2191	0.0173	-0.0026	0.1925	0.0023	4.68	62.93%	7.44
Black Meadows 33/12 (A)	0.0000	[redacted]			-0.0009	-0.0037	-0.0069	0.0003	0.0062	0.0000	-0.0050	0.0000	[redacted]		
Bliss 66/12 (D)	0.2204	36.34	49.92%	72.80	-0.0737	-0.0700	-0.1438	0.0932	0.0352	0.0057	-0.1534	0.2668	36.34	49.92%	72.80
Bloomington 66/12 (D)	11.2627	118.00	82.06%	143.80	-0.4007	-0.6580	-1.0060	0.5333	0.0643	-0.0103	-1.4774	15.3975	121.94	84.80%	143.80
Blue Cut P.T. 33/12 (A)	0.0000	1.75	93.60%	1.87	-0.0247	-0.0062	-0.0155	0.0503	0.0014	-0.0006	0.0047	0.0000	1.76	94.14%	1.87
Bluff Cove 16/4.16 (D)	0.0000	6.70	73.20%	9.15	-0.0563	-0.0028	-0.0384	0.3292	0.0207	0.0000	0.2524	0.0000	6.78	74.07%	9.15
Blythe 33/33 (D)	14.1280	80.22	85.28%	94.07	-1.0956	-0.0093	-0.2754	0.2236	0.0462	-0.0102	-1.1207	20.6562	86.83	51.53%	168.50
Blythe City 33/12 (D)	6.8757	23.73	68.96%	34.41	-0.1710	-0.1132	-0.1615	0.0646	0.0116	-0.0049	-0.3744	12.5324	23.65	68.73%	34.41
Blythe City 33/4.8 (D)	0.0000	5.28	37.71%	14.00	-0.0264	-0.0095	-0.0222	0.0114	0.0053	-0.0017	-0.0431	0.0000	5.26	37.57%	14.00
Bolsa 66/12 (D)	0.7113	46.55	89.52%	52.00	-0.1549	-0.2411	-0.3727	1.0975	0.0547	-0.0076	0.3759	0.8240	46.90	90.19%	52.00
Borrego 66/12 (D)	1.3708	64.26	58.94%	109.03	-0.3878	-0.1841	-0.3728	1.3691	0.0955	0.0023	0.5222	1.7445	64.84	59.47%	109.03
Bovine 66/12 (D)	0.7530	50.70	72.43%	70.00	-0.1329	-0.2015	-0.4007	0.7296	0.0284	-0.0083	0.0146	0.7568	50.72	72.46%	70.00
Bowl 66/12 (D)	0.2638	22.20	69.23%	32.07	-0.0626	-0.1275	-0.1982	0.2484	0.0122	-0.0013	-0.1290	0.2641	22.15	69.07%	32.07
Bowl 66/4.16 (D)	0.0027	12.65	81.86%	15.45	-0.0247	-0.0432	-0.0945	0.3155	0.0238	-0.0003	0.1766	0.0044	12.72	82.31%	15.45
Boxwood 66/12 (D)	0.0006	13.50	41.40%	32.61	-0.0483	-0.0106	-0.0796	0.1113	0.0101	-0.0254	-0.0425	0.0010	13.49	41.37%	32.61
Bradbury 66/16 (D)	2.1481	92.27	86.33%	106.88	-0.2285	-0.4421	-0.7302	0.9165	0.0520	-0.0240	-0.4563	2.3949	92.42	86.47%	106.88
Brea 66/12 (D)	0.0262	60.64	72.49%	83.65	-0.2659	-0.1487	-0.3386	0.8273	0.0306	-0.0079	0.0968	0.0376	61.49	73.51%	83.65
Brewster 16/4.16 (D)	0.0026	9.10	61.18%	14.87	-0.0481	-0.0114	-0.0528	0.1155	0.0151	-0.0022	0.0161	0.0168	9.14	61.45%	14.87
Bridge 66/4.16 (D)	0.0014	11.48	38.67%	29.69	-0.0129	-0.0065	-0.0562	0.3847	0.0494	-0.0070	0.3515	0.0022	11.61	39.11%	29.69
Bridgeport 16/12 (D)	0.0000	0.77	77.08%	1.00	-0.0003	0.0000	-0.0010	0.0059	0.0014	-0.0020	0.0040	0.0000	0.77	77.08%	1.00
Bridgeport 16/16 (D)	0.4861	3.00	78.46%	3.82	-0.0090	-0.0120	-0.0161	0.0091	0.0111	0.0036	-0.0133	0.4861	3.00	78.46%	3.82
Brighton 66/16 (D)	3.1042	51.97	95.41%	54.47	-0.0713	-0.3927	-0.5450	0.4719	0.0240	-0.0126	-0.5257	3.1525	51.90	95.28%	54.47
Broadway 12/4.16 (D)	0.0011	3.61	60.83%	5.93	-0.0207	-0.0124	-0.0225	0.1053	0.0062	-0.0001	0.0558	0.0018	3.65	61.51%	5.93
Broadway 66/12 (D)	0.0197	49.95	85.51%	58.41	-0.0878	-0.2571	-0.4323	1.0468	0.0555	-0.0154	0.3097	0.0289	51.57	88.29%	58.41
Brookhurst 66/12 (D)	0.0071	48.87	93.98%	52.00	-0.1587	-0.0932	-0.3787	1.0339	0.0708	-0.0264	0.4477	0.1384	49.66	95.50%	52.00
Brown P.T. 33/4.16 (A)	0.0000	[redacted]			0.0000	-0.0009	-0.0013	0.0000	0.0047	0.0000	0.0025	0.0096	[redacted]		
Browning 66/12 (D)	0.0141	21.28	29.23%	72.80	-0.0206	-0.0846	-0.1185	0.0671	0.0162	0.0001	-0.1403	0.0585	21.30	29.26%	72.80
Bryan 66/12 (D)	5.7862	115.58	98.46%	117.39	-0.5559	-0.5127	-0.8681	1.3073	0.0532	-0.0130	-0.5892	5.9153	116.38	99.14%	117.39
Bryman 33/4.16 (D)	0.0141	0.74	74.07%	1.00	-0.0008	0.0000	-0.0015	0.0040	0.0105	-0.0003	0.0119	0.0173	0.75	75.08%	1.00
Bullis 66/16 (D)	9.3710	80.89	74.05%	109.24	-0.2247	-0.4764	-0.7445	0.7886	0.0660	-0.0200	-0.6110	9.4317	80.79	73.96%	109.24
Bullis 66/4.16 (D)	0.0020	11.42	67.41%	16.94	-0.0211	-0.0074	-0.0628	0.1706	0.0303	-0.0062	0.1034	0.0033	11.47	67.70%	16.94
Bunker 115/12 (D)	6.9347	101.40	69.65%	145.59	-0.6168	-0.4903	-0.6752	0.4881	0.0444	-0.0021	-1.2519	7.6960	101.85	69.96%	145.59
Burnt Mill 33/12 (D)	0.1388	15.48	85.28%	18.15	-0.0076	-0.0107	-0.0706	0.1538	0.0972	-0.0120	0.1501	0.3213	15.75	86.77%	18.15
Burnt Mill 33/33 (D)	0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0383	0.0020	-0.0001	0.0399	0.0000	[redacted]		
Cabazon 33/12 (D)	0.0000	9.41	51.72%	18.20	-0.0778	-0.0058	-0.0338	0.0646	0.0063	-0.0065	-0.0530	0.0000	9.38	51.55%	18.20
Cabrillo 66/12 (D)	6.4149	146.27	80.57%	181.55	-0.1488	-0.5858	-1.3767	1.4303	0.1223	-0.0189	-0.5776	10.9318	150.10	82.68%	181.55
Cady 33/12 (D)	0.1812	4.62	71.08%	6.50	-0.0634	-0.0180	-0.0326	0.0025	0.0101	-0.0020	-0.1034	0.1826	4.59	70.62%	6.50
Cajalco 115/12 (D)	7.0882	80.04	90.75%	88.20	-1.1772	-0.1910	-0.4274	1.4742	0.0469	-0.0071	-0.2816	8.3372	81.35	92.24%	88.20
Calamar P.T. 33/12 (A)	0.0000	1.65	25.30%	6.52	-0.0462	-0.0015	-0.0062	0.0152	0.0018	-0.0003	-0.0372	0.0000	1.64	25.15%	6.52
Calcadia P.T. 33/12 (A)	0.0000	[redacted]			-0.0002	-0.0002	-0.0003	0.0000	0.0000	0.0000	-0.0007	0.0000	[redacted]		
Calcity 'A' 33/12 (D)	39.0444	10.51	73.81%	14.24	-0.0516	-0.0272	-0.0583	0.0542	0.0065	-0.0024	-0.0788	39.1003	10.55	74.09%	14.24
Calcity 'B' 33/12 (D)	60.3293	9.01	49.52%	18.20	-0.0343	-0.0207	-0.0506	0.0667	0.0060	-0.0013	-0.0342	84.0251	9.02	49.57%	18.20
Calden 66/16 (D)	0.3957	33.48	45.98%	72.82	-0.0312	-0.1006	-0.2774	0.3849	0.0488	-0.0183	0.0062	0.4169	33.52	46.03%	72.82
Calectric 115/33 (D)	33.9293	145.88	99.52%	146.59	-0.8184	-0.7008	-1.2790	0.7162	0.2303	-0.0147	-1.8664	39.4954	140.07	95.56%	146.59
Camarillo 66/16 (D)	0.3015	75.81	80.60%	94.06	-0.0908	-0.1674	-0.4714	1.0871	0.0815	-0.0227	0.4163	0.5691	74.66	79.38%	94.06
Camden 66/12 (D)	2.5834	45.92	92.25%	49.78	-0.2328	-0.2173	-0.4011	0.8456	0.0563	-0.0104	0.0403	2.8272	46.31	93.03%	49.78
Cameron 66/12 (D)	4.9728	31.83	44.57%	71.41	-0.0547	-0.0770	-0.1955	0.1868	0.0257	-0.0082	-0.1229	4.9767	31.79	44.52%	71.41
Camino 16/16 (D)	0.0000	0.37	2.40%	15.40	-0.0189	-0.0011	-0.0063	0.0123	0.0009	-0.0032	-0.0163	0.0000	0.36	2.34%	15.40
Camp Nelson P.T. 12/4.16 (A)	0.0000	0.69	45.92%	1.50	0.0000	0.0000	-0.0015	0.0059	0.0108	-0.0012	0.0140	0.0000	0.69	45.92%	1.50
Canadian P.T. 33/12 (A)	0.0754	6.57	54.45%	12.07	-0.0339	-0.0141	-0.0376	0.0909	0.0083	-0.0023	0.0113	0.0813	6.59	54.62%	12.07
Cantil 33/12 (D)	0.0026	[redacted]			-0.0009	-0.0006	-0.0052	0.0010	0.0033	-0.0009	-0.0033	0.0040	[redacted]		
Canyon 66/12 (D)	0.0070	43.24	45.73%	94.57	-0.2690	-0.1519	-0.2780	0.9636	0.0241	-0.0058	0.2830	0.0119	43.37	45.86%	94.57
Canyon Lake 33/12 (D)	0.0025	17.01	92.93%	18.31	-0.2051	-0.0180	-0.0655	0.1198	0.0111	-0.0007	-0.1584	0.0042	16.96	92.65%	18.31
Capitan 66/16 (D)	0.0020	5.65	15.53%	36.38	-0.0127	-0.0082	-0.0089	0.1618	0.0011	-0.0001	0.1330	0.0020	5.69	15.64%	36.38
Car Wash P.T. 12/4.16 (A)	0.0001	1.14	87.70%	1.30	-0.0056	0.0000	-0.0033	0.0135	0.0036	0.0000	0.0082	0.0004	1.14	87.70%	1.30
Carancho P.T. 33/12 (A)	0.0296	4.45	90.98%	4.89	-0.2231	-0.0085	-0.0208	0.0532	0.0025	-0.0010	-0.1977	0.0296	4.39	89.75%	4.89
Cardiff 66/12 (D)	8.4403	89.50	81.96%	109.20	-0.2196	-0.8168	-1.0375	0.5224	0.0468	-0.0179	-1.5226	8.4612	89.04	81.54%	109.20
Carmenita 66/12 (D)	0.0406	66.38	60.93%	108.94	-0.1962	-0.5288	-0.7965	0.4270	0.0348	-0.0096	-1.0693	0.0615	66.05	60.63%	108.94
Carodean 115/12 (D)	0.1013	18.35	50.42%	36.39	-0.1428	-0.0342	-0.1051	0.0957	0.0135	-0.0076	-0.1805	0.1682	18.40	50.56%	36.39
Carolina 66/12 (D)	11.4200	104.15	90.39%	115.22	-0.3228	-0.3718	-0.6847	0.9610	0.0454	-0.0107	-0.3836	15.2616	107.45	93.26%	115.22
Carpinteria 66/16 (D)	7.3783	43.89	62.44%	70.29	-0.0688	-0.0960	-0.2285	0.8120	0.0407	-0.0008	0.4586	7.4518	44.11	62.75%	70.29
Carson 66/16 (D)	6.9212	65.59	65.78%	99.71	-0.0461	-0.4090	-0.6349	1.4828	0.0444	-0.0009	0.4363	7.4094	66.07	66.26%	99.71
Casa Diablo 115/33 (D)	5.5769	51.15	47.19%	108.39	-0.0240	0.0000	-0.1556	0.1027	0.1098	-0.0102	0.0227	7.2555	53.02	48.92%	108.39
Casa Diablo 33/12 (D)	1.4478	[redacted]			-0.0064	-0.0068	-0.0154	0.0218	0.0158	-0.0038	0.0052	1.4493	[redacted]		
Cascade P.T. 33/12 (A)	0.0040	5.16	79.12%	6.52	-0.0798	-0.0029	-0.0212	0.2109	0.0038	-0.0006	0.1102	0.0066	5.22	80.04%	6.52
Casitas 66/16 (D)	0.0775	42.35	58.46%	72.44	-0.1414	-0.1471	-0.3058	0.4764	0.0409	-0.0076	-0.0846	0.2067	42.49	58.65%	72.44
Casper P.T. 16/4.16 (A)	0.0000	[redacted]			-0.0030	-0.0002	-0.0003	0.0045	0.0007	0.0000	0.0017	0.0000	[redacted]		
Cedarwood 12/4.16 (D)	0.0001	2.06	34.62%	5.95	0.0000	0.0000	-0.0045	0.0506	0.0113	-0.0005	0.0569	0.0001	2.06	0.00%	0.00
Center 66/12 (D)	5.7780	97.68	89.67%	108.93	-0.2164	-0.4509	-0.8645	0.7569	0.0626	-0.0178	-0.7301	7.2930	99.04	90.92%	108.93
Channel Island 66/16 (D)	6.7611	47.82	65.69%	72.80	0.0000	0.0000	-0.2655	1.0892	0.2034	-0.0515	0.9756	10.4701	51.95	71.36%	72.80
Chase 66/12 (D)	6.5058	135.85	94.86%	143.21	-1.1500	-0.5372	-0.9435	1.0261	0.0715	-0.0059	-1.5390	7.6302	136.57	95.36%	143.21
Chatham 66/12 (D)	0.0040	15.48	42.54%	36.39	-0.0821	-0.1219	-0.1106	0.0813	0.0078	0.0008	-0.2247	0.0737	15.48	42.54%	36.39
Chatsworth 66/16 (D)	0.0190	33.19	63.83%	52.00	-0.0938	-0.0219	-0.1213	2.1995	0.0150	-0.0093	1.9682	0.0328	33.82	65.04%	52.00
Cherry 66/12 (D)	0.3887	27.46	47.22%	58.15	-0.0281	-0.1135	-0.2485	0.5005	0.0376	-0.0070	0.1410	0.3905	27.78	47.77%	58.15

2026							2027											Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
-0.1530	-0.0387	-0.1323	0.5347	0.0130	-0.0061	0.2176	0.0230	18.62	25.96%	71.74	-0.1842	-0.0477	-0.1617	0.6635	0.0195	-0.0075	0.2819	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%
-0.0333	-0.0017	-0.0068	0.0193	0.0040	-0.0004	-0.0189	0.0000	2.66	63.33%	4.20	-0.0417	-0.0022	-0.0084	0.0235	0.0061	-0.0005	-0.0232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0094	0.0000	-0.0039	0.0191	0.0046	0.0000	0.0104	0.0000	1.10	42.31%	2.60	-0.0127	0.0000	-0.0047	0.0233	0.0073	0.0000	0.0132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6533	-0.7900	-1.5295	1.5827	0.1218	-0.0184	-1.2867	8.3022	136.94	88.34%	155.02	-0.8201	-0.9900	-1.8529	1.9634	0.1808	-0.0242	-1.5430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.5139	-0.6172	-1.0514	0.9479	0.1571	-0.0125	-2.0900	7.5441	113.21	87.83%	128.89	-1.9002	-0.7806	-1.2846	1.1701	0.2313	-0.0151	-2.5791	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6845	-0.6184	-0.8096	0.5187	0.1180	-0.0052	-1.4810	13.8162	[redacted]			-0.8745	-0.8165	-0.9837	0.6301	0.1333	-0.0062	-1.9175	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.3220	-0.7453	-1.0647	2.1437	0.0979	-0.0340	0.0756	3.4608	121.25	83.69%	144.88	-0.4153	-0.9438	-1.2995	2.6418	0.1439	-0.0381	0.0890	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0449	-0.0468	-0.0732	0.3293	0.0231	-0.0032	0.1843	0.0138	10.77	58.83%	18.31	-0.0581	-0.0592	-0.0898	0.4086	0.0350	-0.0037	0.2328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0429	-0.4617	-0.6098	0.6531	0.0544	-0.0038	-0.4107	4.0257	37.58	77.11%	48.74	-0.0539	-0.5889	-0.7242	0.8476	0.0705	-0.0050	-0.4539	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1645	-0.5066	-0.8403	0.7099	0.0504	-0.0363	-0.7874	10.6914	76.91	87.65%	87.74	-0.2051	-0.6181	-1.0212	0.8776	0.0732	-0.0496	-0.9432	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0452	-0.0352	-0.1166	0.2409	0.0351	-0.0113	0.0677	0.0217	16.24	90.22%	18.00	-0.0585	-0.0441	-0.1432	0.2901	0.0497	-0.0151	0.0789	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0321	-0.0639	-0.1260	0.1232	0.0351	-0.0097	-0.0734	0.1069	13.91	92.73%	15.00	-0.0413	-0.0791	-0.1543	0.1491	0.0508	-0.0121	-0.0869	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0021	-0.0016	-0.0116	0.0191	0.0083	-0.0011	0.0110	0.0035	1.58	87.77%	1.80	-0.0025	-0.0019	-0.0141	0.0233	0.0117	-0.0014	0.0151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0014	0.0030	0.0021	0.0006	0.0043	0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0039	0.0028	0.0008	0.0058	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2810	-0.2545	-0.8018	0.8908	0.0484	-0.0354	-0.4335	2.4273	79.90	84.43%	94.63	-0.3553	-0.3301	-0.9776	1.0766	0.0707	-0.0460	-0.5617	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1419	-0.3647	-0.6836	1.2969	0.0496	-0.0279	0.1284	1.1237	83.85	88.05%	95.24	-0.1786	-0.4661	-0.8389	1.5903	0.0740	-0.0345	0.1462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0406	-0.0069	-0.0736	0.4848	0.0384	-0.0032	0.3989	0.0166	17.96	66.34%	27.07	-0.0519	-0.0088	-0.0909	0.5854	0.0553	-0.0041	0.4850	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.0127	-0.2513	-0.7188	0.8191	0.0885	-0.0260	-1.1012	0.8837	90.08	82.72%	108.89	-1.2919	-0.3236	-0.8770	1.0176	0.1299	-0.0364	-1.3814	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.4083	-0.3319	-0.7608	0.7333	0.0720	-0.0093	-1.7050	28.2286	110.97	77.85%	142.55	-1.7368	-0.4045	-0.9292	0.9624	0.1085	-0.0169	-2.0165	0.00	0.00	0.00	0.00	4.06	0.00%	0.00%	0.00%	0.00%	3.80%
-0.2398	-0.5987	-1.0057	1.4479	0.0583	-0.0306	-0.3686	2.8252	93.84	87.58%	107.15	-0.3077	-0.7052	-1.2338	1.7823	0.0876	-0.0406	-0.4174	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0192	-0.0170	-0.0632	0.3424	0.0254	-0.0073	0.2611	0.0242	13.17	40.99%	32.13	-0.0239	-0.0209	-0.0779	0.4127	0.0373	-0.0094	0.3179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8488	-0.3164	-0.7698	1.4854	0.0856	-0.0156	-0.3796	21.7694	119.74	91.38%	131.04	-1.0188	-0.4016	-0.9374	1.8436	0.1314	-0.0244	-0.4072	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5478	-0.3248	-0.7374	1.6694	0.1187	-0.0109	0.1672	0.2149	114.85	87.94%	130.61	-0.6917	-0.4095	-0.8917	2.0411	0.1861	-0.0132	0.2211	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0973	-0.0143	-0.0124	0.0377	0.0072	0.0005	-0.0786	0.0558	[redacted]			-0.1196	-0.0182	-0.0150	0.0470	0.0094	0.0006	-0.0958	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0160	0.0000	-0.0036	0.0390	0.0044	0.0000	0.0238	0.0000	1.22	37.54%	3.25	-0.0213	0.0000	-0.0043	0.0480	0.0073	0.0000	0.0297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0678	-0.0250	-0.0792	0.0959	0.0394	-0.0009	-0.0376	0.0000	12.87	73.36%	17.54	-0.0874	-0.0294	-0.0970	0.1160	0.0569	-0.0014	-0.0423	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4138	0.0000	-0.3755	0.9952	0.2865	-0.0296	0.4628	0.9901	42.10	61.56%	68.38	-0.5119	0.0000	-0.4674	1.1989	0.3877	-0.0412	0.5661	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0189	-0.0053	-0.0327	0.1920	0.0252	-0.0013	0.1590	0.0057	6.49	89.12%	7.28	-0.0226	-0.0066	-0.0403	0.2429	0.0334	-0.0015	0.2053	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0142	-0.0031	-0.0129	0.0811	0.0024	-0.0001	0.0532	0.0000	1.75	55.02%	3.18	-0.0142	-0.0031	-0.0129	0.0811	0.0024	-0.0001	0.0532	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5179	-0.2545	-0.5161	1.6918	0.0671	-0.0122	0.4582	0.0555	75.64	69.32%	109.12	-0.6640	-0.3196	-0.6249	2.0914	0.1038	-0.0139	0.5728	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0015	0.0000	-0.0036	0.0348	0.0038	-0.0006	0.0329	0.0000	0.79	49.32%	1.60	-0.0019	0.0000	-0.0045	0.0417	0.0048	-0.0008	0.0393	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0206	0.2162	0.0415	0.0016	0.2387	0.0029	5.30	71.26%	7.44	0.0000	0.0000	-0.0253	0.2673	0.0533	0.0024	0.2977	1.30	1.30	0.00	0.00	0.00	21.31%	21.31%	0.00%	0.00%	0.00%
-0.5001	-0.1677	-0.3984	1.2657	0.0533	-0.0052	0.2476	0.0721	54.58	92.10%	59.26	-0.6453	-0.2150	-0.4841	1.5367	0.0815	-0.0067	0.2671	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.5655	-0.3445	-0.7573	1.9583	0.1292	-0.0186	-0.5984	10.0803	129.25	89.78%	143.96	-1.8648	-0.4330	-0.9282	2.3896	0.2003	-0.0248	-0.6609	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7936	-0.0340	-0.3086	0.7943	0.3036	-0.0131	-0.0514	0.2898	35.88	28.89%	124.19	-0.9716	-0.0439	-0.3748	1.0390	0.3129	-0.0173	-0.0557	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0917	-0.0340	-0.0877	0.0220	0.0104	-0.0050	-0.1860	0.1990	10.17	78.11%	13.02	-0.1157	-0.0432	-0.1073	0.0274	0.0154	-0.0062	-0.2296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0001	-0.0002	-0.0042	0.0077	0.0005	-0.0002	0.0035	0.0699	[redacted]			-0.0001	-0.0002	-0.0052	0.0094	0.0007	-0.0003	0.0043	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.5599	-0.4461	-0.6303	0.5468	0.0692	0.0007	-1.0196	9.0482	68.74	94.70%	72.59	-0.6960	-0.5644	-0.7587	0.6999	0.0967	0.0013	-1.2212	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0226	-0.0141	-0.0586	0.0044	0.0036	-0.0043	-0.0916	28.2196	35.07	96.35%	36.40	-0.0266	-0.0173	-0.0720	0.0056	0.0051	-0.0055	-0.1107	7.59	7.70	16.30	22.89	30.02	150.60%	152.78%	323.41%	454.17%	595.63%
-0.0724	-0.6769	-0.9408	0.5865	0.0500	-0.0015	-1.0551	15.9737	71.28	78.66%	90.62	-0.0901	-0.8404	-1.1357	0.8403	0.0683	-0.0020	-1.1596	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1239	-0.0307	-0.1225	0.3725	0.0179	-0.0079	0.1054	0.0726	16.02	22.14%	72.35	-0.1577	-0.0392	-0.1489	0.4556	0.0266	-0.0086	0.1278	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2482	-0.1823	-0.2487	0.3097	0.0344	-0.0118	-0.3469	25.6438	101.39	73.01%	138.86	-0.2711	-0.2001	-0.3017	0.3864	0.0483	-0.0186	-0.3568	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0070	0.0648	0.0223	-0.0004	0.0797	0.0003	1.97	70.37%	2.80	0.0000	0.0000	-0.0085	0.0798	0.0301	-0.0005	0.1009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4099	-0.4378	-0.7601	1.2034	0.1346	-0.0282	-0.2980	1.3125	85.42	69.14%	123.54	-0.5095	-0.5532	-0.9163	1.4682	0.1884	-0.0374	-0.3598	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0837	-0.0487	-0.1125	0.0816	0.0095	-0.0068	-0.1606	0.4506	10.14	38.87%	26.09	-0.1041	-0.0619	-0.1377	0.1010	0.0145	-0.0085	-0.1967	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3492	-0.0232	-0.1102	0.1318	0.0651	0.0047	-0.2810	8.1936	25.54	26.66%	95.81	-0.3496	-0.0250	-0.1334	0.1725	0.0732	0.0022	-0.2601	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4822	-0.5412	-0.9687	0.9987	0.0747	-0.0205	-0.9392	2.3607	90.70	92.01%	98.58	-0.6460	-0.6871	-1.1760	1.2250	0.1137	-0.0241	-1.1945	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0245	-0.0016	-0.0085	0.0767	0.0089	-0.0004	0.0506	0.0001	0.00	0.00%	9.66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3818	-0.4937	-0.8013	1.7767	0.0887	-0.0168	0.1718	0.0375	63.30	71.02%	89.13	-0.4712	-0.6267	-0.9677	2.1879	0.1409	-0.0226	0.2406	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0399	-0.0246	-0.0342	0.0604	0.0087	-0.0033	-0.0329	0.0000	3.54	77.35%	4.58	-0.0456	-0.0302	-0.0417	0.0736	0.0133	-0.0045	-0.0351	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0594	-0.0078	-0.0300	0.0264	0.0080	0.0001	-0.0627	0.0000	7.04	75.04%	9.38	-0.0720	-0.0099	-0.0368	0.0328	0.0127	0.0001	-0.0731	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0373	-0.0428	-0.0721	0.3334	0.0240	-0.0053	0.1999	0.0110	7.62	83.25%	9.15	-0.0417	-0.0474	-0.0863	0.4169	0.0405	-0.0089	0.2731	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0191	-0.0240	-0.0712	0.1157	0.0191	-0.0028	0.0177	-0.0027	8.28	90.46%	9.15	-0.0248	-0.0305	-0.0875	0.1391	0.0270	-0.0035	0.0198	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0053	-0.0098	-0.0237	0.0340	0.0047	-0.0018	-0.0019	0.0000	2.22	75.79%	2.93	-0.0068	-0.0124	-0.0291	0.0409	0.0066	-0.0023	-0.0031	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0044	0.0000	-0.0004	0.0014	0.0022	-0.0007	-0.0019	0.0003	[redacted]			-0.0054	0.0000	-0.0005	0.0017	0.0033	-0.0009	-0.0018	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.1492	-0.9052	-1.4993	1.2644	0.1005	-0.0196	-1.2084	14.0955	155.26	71.81%	216.20	-0.1955	-1.1569	-1.8264	1.5422	0.1415	-0.0228	-1.5179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0584	-0.0871	-0.1839	0.3578	0.0546	-0.0061	0.0769	0.1847	21.87	47.79%	45.77	-0.0792	-0.1111	-0.2241	0.4309	0.0770	-0.0074	0.0861	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0133	-0.0125	-0.0350	0.0543	0.0086	-0.0010	0.0011	0.0028	3.05	35.54%	8.58	-0.0164	-0.0145	-0.0397	0.0599	0.0107	-0.0010	-0.0010	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	-0.0004	-0.0143	0.0027	0.0014	-0.0007	-0.0117	0.0000	2.36	47.20%	5.00	-0.0004	-0.0005	-0.0171	0.0032	0.0020	-0.0009	-0.0137	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0020	-0.0004	-0.0004	0.0044	0.0006	0.0000	0.0022	0.0000	[redacted]			-0.0024	-0.0005	-0.0005	0.0055	0.0006	0.0000	0.0027	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0004	-0.0004	-0.0013	0.0000	0.0010	-0.0009	-0.0020	0.0000	[redacted]			-0.0005	-0.0005	-0.0016	0.0000	0.0015	-0.0011	-0.0022	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0077	-0.0116	-0.0331	0.2907	0.0283	-0.0025	0.2641	0.0050	4.76	64.00%	7.44	-0.0104	-0.0145	-0.0377	0.3646	0.0381	0.0005	0.3406	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0012	-0.0050	-0.0089	0.0004	0.0064	0.0000	-0.0083	0.0000	[redacted]			-0.0015	-0.0064	-0.0106	0.0005	0.0063	0.0000	-0.0117	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0978	-0.0951	-0.1888	0.1244	0.0480	0.0070	-0.2023	0.4014	36.44	50.05%	72.80	-0.1168	-0.1157	-0.2275	0.1531	0.0641	0.0085	-0.2343	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5307	-0.8877	-1.2903	0.6965	0.1025	-0.0131	-1.9228	17.5069	123.72	86.03%	143.80	-0.6611	-1.1256	-1.5619	0.8503	0.1532	-0.0169	-2.3620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0321	-0.0083	-0.0203	0.0656	0.0023	-0.0008	0.0064	0.0000	1.76	94.14%	1.87	-0.0344	-0.0091	-0.0249	0.0807	0.0034	-0.0019	0.0138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0755	-0.0038	-0.0528	0.4302	0.0309	0.0001	0.3291	0.0000	6.86	74.95%	9.15	-0.0961	-0.0048	-0.0655	0.5251	0.0423	0.0002	0.4012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.4498	-0.0123	-0.3546	0.3100	0.0714	-0.0138	-1.4491	26.9460	93.20	55.31%	168.50	-1.7903	-0.0157	-0.4337	0.3945	0.1029	-0.0174	-1.7597	0.00	7.70	7.70	14.30	20.70	0.00%	8.19%	8.19%	15.20%	22.00%
-0.2179	-0.1483	-0.2038	0.0905	0.0186	-0.0067	-0.4676	17.8049	23.52	68.35%	34.41	-0.2635	-0.1854	-0.2469	0.1159	0.0274	-0.0086	-0.5611	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0348	-0.0128	-0.0287	0.0149	0.0087	-0.0023	-0.0550	0.0000	5.25	37.50%	14.00	-0.0431	-0.0163	-0.0351	0.0181	0.0131	-0.0029	-0.0662	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1922	-0.3080	-0.4732	1.4768	0.0938	-0.0077	0.5895	0.9989	47.24	90.85%	52.00	-0.2411	-0.3955	-0.5684	1.8255	0.1297	-0.0100	0.7402	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5317	-0.2467	-0.4881	1.8129	0.1325	0.0023	0.6812	2.0553	65.33	59.92%	109.03	-0.6834	-0.3121	-0.5994	2.2322	0.1778	0.0024	0.8175	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1775	-0.2722	-0.5134	0.9608	0.0478	-0.0108	0.0347	0.7643	50.76	72.51%	70.00	-0.2201	-0.3412	-0.6167	1.1764	0.0750	-0.0135	0.0599	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0840	-0.1798	-0.2592	0.3314	0.0205	-0.0018	-0.1729	0.2648	22.13	69.01%	32.07	-0.1058	-0.2191	-0.3100	0.4116	0.0317	-0.0022	-0.1938	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0340	-0.0584	-0.1184	0.4147	0.0384	0.0000	0.2423	0.0086	12.79	82.76%	15.45	-0.0442	-0.0741	-0.1413	0.5080	0.0562	0.0003	0.3049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0645	-0.0143	-0.1023	0.1443	0.0160	-0.0316	-0.0524	0.0019	13.48	41.34%	32.61	-0.0812	-0.0182	-0.1237	0.1737	0.0226	-0.0387	-0.0655	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3061	-0.5868	-0.9431	1.2165	0.0876	-0.0327	-0.5646	2.9820	92.72	86.75%	106.88	-0.3851	-0.7345	-1.1566	1.4968	0.1346	-0.0434	-0.6882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3523	-0.1981	-0.4347	1.0830	0.0501	-0.0106	0.1374	0.0586	61.53	73.55%	83.65	-0.4455	-0.2501	-0.5272	1.3167	0.0757	-0.0134	0.1562	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0607	-0.0128	-0.0667	0.1565	0.0276	-0.0031	0.0408	0.0752	9.22	61.99%	14.87	-0.0759	-0.0142	-0.0796	0.1950	0.0403	-0.0041	0.0615	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0165	-0.0084	-0.0757	0.5074	0.0686	-0.0099	0.4655	0.0042	11.72	39.48%	29.69	-0.0203	-0.0104	-0.0938	0.6186	0.0868	-0.0132	0.5677	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	0.0000	-0.0013	0.0078	0.0020	-0.0022	0.0059	0.0000	0.77	77.08%	1.00	-0.0005	0.0000	-0.0016	0.0095	0.0030	-0.0024	0.0080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0119	-0.0162	-0.0212	0.0127	0.0142	0.0039	-0.0185	0.4861	2.99	78.20%	3.82	-0.0146	-0.0206	-0.0261	0.0163	0.0173	0.0042	-0.0235	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0889	-0.5032	-0.7091	0.6301	0.0411	-0.0168	-0.6468	3.1615	51.79	95.08%	54.47	-0.1071	-0.6190	-0.8522	0.7798	0.0601	-0.0209	-0.7593	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0240	-0.0146	-0.0288	0.1507	0.0111	-0.0013	0.0931	0.0034	3.70	62.35%	5.93	-0.0263	-0.0158	-0.0346	0.1931	0.0190	-0.0032	0.1322	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1143	-0.3338	-0.5496	1.4189	0.0859	-0.0205	0.4866	0.0494	51.79	88.66%	58.41	-0.1379	-0.4012	-0.6773	1.7911	0.1295	-0.0287	0.6755	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1953	-0.1166	-0.4865	1.3628	0.1097	-0.0375	0.6366	0.3210	50.03	96.21%	52.00	-0.2425	-0.1447	-0.5779	1.6596	0.1621	-0.0486	0.8080	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	-0.0012	-0.0017	0.0000	0.0062	0.0000	0.0033	0.0468	[redacted]			0.0000	-0.0015	-0.0020	0.0000	0.0077	0.0000	0.0042	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0270	-0.1131	-0.1511	0.1007	0.0214	0.0002	-0.1689	0.2132	21.43	29.44%	72.80	-0.0331	-0.1434	-0.1811	0.1342	0.0269	0.0004	-0.1961	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7120	-0.6664	-1.1334	1.7428	0.1001	-0.0167	-0.6856	6.2408	116.60	99.33%	117.39	-0.8742	-0.8280	-1.3795	2.1454	0.1470	-0.0204	-0.8097	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0008	0.0000	-0.0020	0.0055	0.0141	-0.0004	0.0164	0.0173	0.75	75.08%	1.00	-0.0008	0.0000	-0.0025	0.0070	0.0178	-0.0005	0.0210	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2958	-0.6151	-0.9765	1.0305	0.1185	-0.0273	-0.7657	9.6687	80.86	74.02%	109.24	-0.3805	-0.7637	-1.1909	1.2667	0.1693	-0.0346	-0.9337	0.00	0.00	1.45	1.35	1.45	0.00%	0.00%	1.76%	1.64%	1.76%
-0.0262	-0.0090	-0.0813	0.2212	0.0469	-0.0084	0.1432	0.0063	11.51	67.94%	16.94	-0.0323	-0.0107	-0.0985	0.2685	0.0641	-0.0109	0.1802	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7940	-0.6532	-0.8660	0.6458	0.0719	-0.0041	-1.5996	9.2721	103.21	70.89%	145.59	-0.9644	-0.8249	-1.0547	0.8106	0.1060	-0.0051	-1.9325	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0076	-0.0107	-0.0895	0.2020	0.1366	-0.0153	0.2155	0.4829	15.99	88.09%	18.15	-0.0076	-0.0107	-0.1082	0.2458	0.1725	-0.0188	0.2730	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0004	0.0535	0.0020	-0.0001	0.0550	0.0000	[redacted]			0.0000	0.0000	-0.0005	0.0685	0.0020	-0.0001	0.0699	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.1171	-0.0085	-0.0444	0.0834	0.0107	-0.0068	-0.0827	0.0000	9.36	51.44%	18.20	-0.1437	-0.0102	-0.0544	0.1006	0.0162	-0.0086	-0.1001	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1863	-0.7672	-1.7599	1.9236	0.1642	-0.0244	-0.6500	16.4125	149.91	82.57%	181.55	-0.2703	-0.9810	-2.1243	2.4358	0.2147	-0.0265	-0.7516	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0826	-0.0242	-0.0408	0.0034	0.0138	-0.0026	-0.1330	0.1860	4.56	70.15%	6.50	-0.1010	-0.0307	-0.0492	0.0043	0.0179	-0.0032	-0.1619	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.5150	-0.2526	-0.5520	1.9152	0.0794	-0.0105	-0.3355	8.9835	82.02	93.00%	88.20	-1.8474	-0.3179	-0.6702	2.3577	0.1228	-0.0140	-0.3690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0587	-0.0020	-0.0079	0.0203	0.0032	-0.0004	-0.0455	0.0000	1.64	25.15%	6.52	-0.0709	-0.0025	-0.0095	0.0250	0.0050	-0.0005	-0.0534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0002	-0.0002	-0.0004	0.0000	0.0000	0.0000	-0.0008	0.0000	[redacted]			-0.0002	-0.0002	-0.0005	0.0000	0.0000	0.0000	-0.0009	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0697	-0.0374	-0.0769	0.0725	0.0116	-0.0030	-0.1029	39.2248	10.65	74.79%	14.24	-0.0890	-0.0480	-0.0939	0.0905	0.0171	-0.0036	-0.1269	5.76	37.59	37.57	37.59	37.70	40.45%	263.97%	263.83%	263.97%	264.75%
-0.0466	-0.0287	-0.0658	0.0893	0.0099	-0.0016	-0.0435	84.0361	9.02	49.57%	18.20	-0.0593	-0.0371	-0.0796	0.1110	0.0141	-0.0018	-0.0527	9.80	11.09	54.52	79.61	79.61	53.85%	60.93%	299.56%	437.42%	437.42%
-0.0404	-0.1265	-0.3610	0.4968	0.0843	-0.0247	0.0285	0.4198	33.55	46.07%	72.82	-0.0509	-0.1548	-0.4387	0.6048	0.1212	-0.0316	0.0500	7.90	7.90	7.50	7.50	7.60	30.38%	30.38%	28.85%	28.85%	29.23%
-1.0008	-0.9600	-1.6383	0.9590	0.2883	-0.0237	-2.3755	45.4145	141.50	96.53%	146.59	-1.1538	-1.2302	-1.9574	1.2095	0.3648	-0.0334	-2.8005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1276	-0.2273	-0.6043	1.4188	0.1190	-0.0328	0.5458	1.5585	75.83	80.62%	94.06	-0.1602	-0.2921	-0.7323	1.7217	0.1653	-0.0463	0.6561	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2945	-0.2665	-0.5253	1.1735	0.0931	-0.0135	0.1668	3.5234	46.48	93.38%	49.78	-0.3609	-0.3184	-0.6364	1.5101	0.1396	-0.0158	0.3182	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0743	-0.1037	-0.2512	0.2431	0.0375	-0.0119	-0.1605	4.9863	31.77	44.49%	71.41	-0.0961	-0.1306	-0.3080	0.3026	0.0512	-0.0161	-0.1970	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0245	-0.0015	-0.0080	0.0160	0.0013	-0.0043	-0.0210	0.0000	0.36	2.34%	15.40	-0.0296	-0.0019	-0.0095	0.0192	0.0018	-0.0055	-0.0255	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0020	0.0078	0.0149	-0.0015	0.0192	0.0000	0.70	46.58%	1.50	0.0000	0.0000	-0.0024	0.0095	0.0199	-0.0018	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0423	-0.0182	-0.0492	0.1205	0.0142	-0.0031	0.0219	0.0937	6.62	54.87%	12.07	-0.0502	-0.0224	-0.0606	0.1474	0.0212	-0.0039	0.0315	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0012	-0.0008	-0.0067	0.0017	0.0049	-0.0011	-0.0032	0.0072	[redacted]			-0.0015	-0.0010	-0.0081	0.0024	0.0068	-0.0013	-0.0027	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.3527	-0.2022	-0.3538	1.2700	0.0405	-0.0075	0.3943	0.0244	43.49	45.99%	94.57	-0.4378	-0.2550	-0.4283	1.5537	0.0627	-0.0093	0.4860	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2692	-0.0243	-0.0855	0.1606	0.0188	-0.0009	-0.2005	0.0082	16.92	92.43%	18.31	-0.3321	-0.0309	-0.1050	0.1990	0.0285	-0.0011	-0.2416	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0170	-0.0111	-0.0117	0.2136	0.0016	-0.0002	0.1752	0.0020	5.74	15.78%	36.38	-0.0194	-0.0129	-0.0137	0.2638	0.0023	-0.0005	0.2196	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0079	0.0000	-0.0043	0.0174	0.0062	0.0000	0.0114	0.0013	1.15	88.47%	1.30	-0.0106	0.0000	-0.0052	0.0210	0.0096	0.0000	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2939	-0.0114	-0.0264	0.0711	0.0045	-0.0013	-0.2574	0.0296	4.33	88.53%	4.89	-0.3624	-0.0145	-0.0317	0.0882	0.0073	-0.0016	-0.3147	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2932	-1.1212	-1.3338	0.7200	0.0742	-0.0225	-1.9765	8.5145	88.62	81.16%	109.20	-0.3650	-1.4383	-1.6280	0.9164	0.1114	-0.0273	-2.4308	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2711	-0.7154	-1.0211	0.5634	0.0536	-0.0126	-1.4032	0.1075	65.73	60.34%	108.94	-0.3600	-0.9159	-1.2323	0.6981	0.0738	-0.0143	-1.7506	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1630	-0.0422	-0.1327	0.1270	0.0228	-0.0103	-0.1984	0.4120	18.64	51.22%	36.39	-0.1833	-0.0506	-0.1589	0.1560	0.0345	-0.0131	-0.2154	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4239	-0.5017	-0.8720	1.2563	0.0742	-0.0146	-0.4817	19.3405	111.79	97.03%	115.22	-0.5297	-0.6380	-1.0532	1.5256	0.1131	-0.0187	-0.6009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0934	-0.1305	-0.3029	1.0596	0.0626	-0.0082	0.5872	7.7245	44.53	63.35%	70.29	-0.1167	-0.1650	-0.3670	1.2956	0.0872	-0.0160	0.7181	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0666	-0.5717	-0.8309	1.8224	0.0541	-0.0014	0.4059	9.3120	68.31	68.51%	99.71	-0.0822	-0.7200	-0.9921	2.3972	0.0664	-0.0019	0.6674	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0321	0.0000	-0.1992	0.1366	0.1541	-0.0132	0.0462	8.9882	54.94	50.69%	108.39	-0.0407	0.0000	-0.2428	0.1685	0.1889	-0.0165	0.0574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0064	-0.0068	-0.0195	0.0299	0.0237	-0.0050	0.0159	1.4524	[redacted]			-0.0094	-0.0106	-0.0243	0.0373	0.0298	-0.0055	0.0173	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0916	-0.0034	-0.0272	0.2801	0.0060	-0.0028	0.1611	0.0131	5.27	80.81%	6.52	-0.1024	-0.0039	-0.0331	0.3416	0.0089	-0.0051	0.2060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1886	-0.1991	-0.4019	0.6570	0.0619	-0.0099	-0.0806	0.6578	42.98	59.33%	72.44	-0.2329	-0.2534	-0.4901	0.8328	0.0827	-0.0124	-0.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0040	-0.0003	-0.0004	0.0060	0.0011	0.0000	0.0024	0.0000	[redacted]			-0.0040	-0.0003	-0.0004	0.0091	0.0023	0.0000	0.0067	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.0000	0.0000	-0.0045	0.0506	0.0113	-0.0005	0.0569	0.0001	2.06	0.00%	0.00	0.0000	0.0000	-0.0045	0.0506	0.0113	-0.0005	0.0569	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3052	-0.6115	-1.1274	1.0021	0.1054	-0.0227	-0.9593	9.0608	100.68	92.42%	108.93	-0.4001	-0.7694	-1.3728	1.2395	0.1489	-0.0286	-1.1825	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0137	-0.0169	-0.3480	1.4424	0.2745	-0.0654	1.2729	10.4996	52.26	71.79%	72.80	-0.0273	-0.0347	-0.4359	1.7774	0.3461	-0.0803	1.5453	0.00	0.00	0.00	0.94	0.94	0.00%	0.00%	0.00%	94.00%	94.00%
-1.5659	-0.7060	-1.1994	1.3641	0.1148	-0.0091	-2.0015	7.9615	136.31	95.18%	143.21	-2.0476	-0.9112	-1.4435	1.6644	0.1731	-0.0105	-2.5753	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1084	-0.1642	-0.1418	0.1077	0.0117	0.0012	-0.2938	0.3642	15.71	43.17%	36.39	-0.1342	-0.2094	-0.1716	0.1319	0.0160	0.0009	-0.3664	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1238	-0.0299	-0.1555	2.8235	0.0258	-0.0128	2.5273	0.0680	34.46	66.27%	52.00	-0.1509	-0.0368	-0.1901	3.4279	0.0380	-0.0171	3.0710	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0315	-0.1436	-0.3211	0.6512	0.0579	-0.0101	0.2028	0.3963	27.89	47.96%	58.15	-0.0335	-0.1584	-0.3775	0.7925	0.0845	-0.0130	0.2946	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023										
		Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Chestnut 66/12 (D)		1.2166	100.97	77.49%	130.30	-0.0821	-0.3003	-0.3857	0.2917	0.0098	-0.0094	-0.4760
Chino 66/12 (D)		1.6701	96.26	88.77%	108.43	-0.1017	-0.1790	-0.2541	0.1893	0.0126	-0.0056	-0.3385
Chiquita 66/12 (D)		0.6847	109.33	85.85%	127.35	-0.3600	-0.0690	-0.1634	0.7572	0.0123	-0.0029	0.1742
Chollita P.T. 33/12 (A)		0.0001	2.43	37.38%	6.50	-0.0033	-0.0004	-0.0019	0.0035	0.0049	0.0002	0.0030
Cima 220/16 (D)		0.0000	[redacted]			-0.0084	-0.0003	-0.0006	0.0006	0.0002	0.0000	-0.0085
Citrus 66/12 (D)		0.0016	100.16	86.30%	116.06	-0.1816	-0.0917	-0.1870	0.3678	0.0092	-0.0071	-0.0904
Clark 66/4.16 (D)		0.0003	16.62	64.46%	25.78	-0.0462	-0.0027	-0.0207	0.1634	0.0049	-0.0002	0.0985
Coffee 33/12 (D)		0.6826	59.93	83.41%	71.85	-0.2298	-0.0512	-0.1244	0.0257	0.0065	-0.0023	-0.3755
Coldbrook P.T. 12/4.16 (A)		0.0000	0.81	62.31%	1.30	-0.0022	-0.0001	-0.0009	0.0033	0.0007	0.0000	0.0008
Colonia 66/16 (D)		0.5411	71.22	65.59%	108.59	-0.0392	-0.0998	-0.1872	0.2531	0.0110	-0.0053	-0.0674
Colorado 66/16 (D)		3.3635	59.84	68.55%	87.29	-0.0150	-0.1479	-0.2395	0.2084	0.0069	-0.0007	-0.1878
Colorado 66/4.16 (D)		0.0000	5.91	66.22%	8.92	-0.0017	-0.0008	-0.0095	0.1223	0.0065	-0.0014	0.1154
Colton 66/12 (D)		0.2973	44.25	60.96%	72.59	-0.1074	-0.0378	-0.0793	0.1247	0.0075	-0.0019	-0.0942
Columbine 66/12 (D)		0.0004	14.28	54.74%	26.09	-0.0221	-0.0273	-0.0196	0.0105	0.0053	0.0013	-0.0519
Compton 16/4.16 (D)		0.0000	5.09	41.19%	12.36	-0.0005	-0.0004	-0.0085	0.0373	0.0044	-0.0007	0.0316
Concho 115/12 (D)	GNA_2023	1.5448	70.93	98.37%	72.11	-0.1114	-0.1225	-0.2090	0.0978	0.0064	-0.0045	-0.3432
Converse Flats 33/12 (A)		0.0000	0.37	28.37%	1.30	0.0000	0.0000	-0.0010	0.0022	0.0018	-0.0008	0.0022
Cornuta 66/12 (D)		1.3801	58.47	91.17%	64.13	-0.0959	-0.0835	-0.1532	0.2156	0.0110	-0.0046	-0.1106
Corona 33/4.16 (D)		0.0000	2.82	72.78%	3.87	-0.0041	-0.0011	-0.0038	0.0130	0.0010	-0.0001	0.0049
Corona 66/12 (D)		0.9019	141.78	88.11%	160.91	-0.3252	-0.2738	-0.4033	0.3222	0.0163	-0.0042	-0.6680
Corona 66/33 (D)		8.6963	71.38	51.45%	138.75	-0.1306	-0.0602	-0.0818	0.2590	0.0184	-0.0004	0.0044
Cortez 66/12 (D)		1.2962	113.53	101.69%	111.64	-0.0859	-0.1236	-0.2491	0.3498	0.0106	-0.0093	-0.1075
Corum 66/12 (D)		0.0001	[redacted]			-0.0030	-0.0087	-0.0129	0.0011	0.0003	-0.0002	-0.0234
Coso 115/12 (D)		0.0000	[redacted]			-0.0006	-0.0035	-0.0010	0.0070	0.0006	0.0001	0.0026
Cottonwood 115/33 (D)		0.0011	[redacted]			-0.0155	-0.0807	-0.0444	0.0230	0.0061	-0.0085	-0.1200
Cove P.T. 33/12 (A)		0.0584	[redacted]			-0.0090	-0.0022	-0.0050	0.0123	0.0001	-0.0001	-0.0039
Crater 66/16 (D)		0.0006	28.67	95.00%	30.18	-0.0341	-0.0525	-0.0987	0.2025	0.0061	0.0005	0.0238
Crest 66/16 (D)		1.9817	57.59	79.11%	72.79	-0.0904	-0.0784	-0.1543	0.4981	0.0266	-0.0014	0.2002
Crestwind U.G.S. 16/4.16 (A)		0.0000	0.64	32.78%	1.95	-0.0015	-0.0001	-0.0014	0.0071	0.0008	0.0000	0.0049
Crown 66/12 (D)		0.1956	62.37	55.34%	112.70	-0.1695	-0.1315	-0.2963	0.7480	0.0108	-0.0011	0.1604
Crump P.T. 33/12 (A)		0.0000	0.47	25.14%	1.87	0.0000	0.0000	-0.0007	0.0012	0.0038	-0.0002	0.0041
Cucamonga 66/12 (D)		5.7969	141.24	96.07%	147.02	-0.0618	-0.3456	-0.5303	0.2601	0.0153	-0.0076	-0.6699
Cudahy 66/16 (D)		6.2179	92.32	68.11%	135.55	-0.0529	-0.1879	-0.3429	0.1689	0.0083	-0.0096	-0.4161
Cudahy 66/4.16 (D)		0.0000	15.01	52.73%	28.47	-0.0055	-0.0038	-0.0269	0.0597	0.0067	-0.0012	0.0290
Culver 66/16 (D)		4.7923	50.78	58.11%	87.38	-0.0167	-0.1164	-0.1940	0.1938	0.0092	0.0001	-0.1240
Culver 66/4.16 (D)		0.4072	21.43	80.82%	26.51	-0.0178	-0.0134	-0.0332	0.2212	0.0172	-0.0028	0.1712
Cummings 66/12 (D)		0.0002	8.97	35.57%	25.22	-0.0066	-0.0040	-0.0124	0.0280	0.0026	-0.0043	0.0033
Cypress 66/12 (D)		0.9479	81.10	79.39%	102.15	0.0000	0.0000	-0.3246	0.3894	0.0093	-0.0027	0.0714
Daeley P.T. 12/4.16 (A)		0.0000	1.23	94.86%	1.30	-0.0010	-0.0001	-0.0007	0.0022	0.0005	0.0000	0.0009
Daggett 33/12 (A)		0.0000	3.39	56.30%	6.02	0.0000	0.0000	-0.0016	0.0002	0.0006	-0.0003	-0.0011
Daisy 12/4.16 (D)		0.0000	5.57	76.70%	7.26	-0.0019	-0.0036	-0.0093	0.0429	0.0075	0.0001	0.0357
Dalton 66/12 (D)		0.0018	61.06	83.94%	72.74	-0.0505	-0.1251	-0.1912	0.0967	0.0097	-0.0013	-0.2617
Declez 66/12 (D)		4.5029	115.45	92.33%	125.04	-0.1748	-0.3108	-0.3691	0.2929	0.0165	-0.0012	-0.5465
Defrain 33/12 (D)		0.1294	3.90	55.54%	7.02	-0.0195	-0.0017	-0.0053	0.0075	0.0010	-0.0007	-0.0187
Deigaard P.T. 16/4.16 (A)		0.0000	[redacted]			0.0000	0.0000	-0.0004	0.0075	0.0019	-0.0001	0.0089
Del Amo 66/12 (D)		3.2264	31.29	42.98%	72.80	-0.0425	-0.0378	-0.0959	0.1757	0.0053	-0.0012	0.0036
Del Rosa 66/12 (D)		1.2494	94.56	83.23%	113.61	-0.1015	-0.1251	-0.2622	0.2030	0.0116	-0.0040	-0.2782
Del Sur 66/12 (D)		0.0002	17.99	24.98%	72.02	-0.0325	-0.0141	-0.0320	0.1223	0.0093	0.0107	0.0637
Delano 66/12 (D)		0.2641	80.36	73.87%	108.78	-0.0292	-0.1217	-0.1873	0.0752	0.0044	-0.0045	-0.2631
Delano 66/4.16 (D)		0.0001	3.65	61.35%	5.95	-0.0014	-0.0030	-0.0053	0.0055	0.0021	-0.0004	-0.0025
Deluz P.T. 33/12 (A)		0.0001	1.73	88.42%	1.96	-0.0252	-0.0003	-0.0015	0.0040	0.0002	0.0000	-0.0228
Desert Outpost 33/12 (D)		0.0000	11.12	91.51%	12.15	-0.0034	-0.0010	-0.0103	0.0129	0.0017	-0.0008	-0.0009
Devers 115/12 (D)		9.1022	32.71	46.00%	71.11	-0.1684	-0.0860	-0.1039	0.0290	0.0027	0.0004	-0.3262
Diamond Bar 66/12 (D)		0.1949	48.24	82.89%	58.20	-0.0304	-0.0325	-0.0892	0.2538	0.0050	-0.0013	0.1054
Dinkey Creek P.T. 12/4.16 (A)		0.0000	[redacted]			-0.0008	-0.0002	-0.0001	0.0002	0.0002	0.0005	-0.0002
Ditmar 16/4.16 (D)		0.0002	12.88	56.76%	22.69	-0.0182	-0.0042	-0.0148	0.2809	0.0163	-0.0024	0.2576
Ditmar 66/16 (D)		2.1717	48.28	83.58%	57.76	-0.0498	-0.1006	-0.1109	0.5564	0.0116	-0.0007	0.3060
Dolores P.T. 16/4.16 (A)		0.0001	1.38	70.67%	1.95	-0.0031	0.0000	-0.0011	0.0072	0.0008	0.0000	0.0038
Dolphin P.T. 16/4.16 (D)		0.0000	[redacted]			-0.0010	-0.0002	-0.0002	0.0062	0.0008	0.0004	0.0060
Domeland P.T. 33/12 (A)		0.0000	[redacted]			-0.0019	-0.0020	-0.0011	0.0037	0.0008	0.0001	-0.0004
Downey 12/4.16 (D)		0.0000	13.72	90.11%	15.23	-0.0199	-0.0016	-0.0122	0.0652	0.0038	-0.0005	0.0348
Downs 115/12 (D)		1.9376	53.98	82.09%	65.76	-0.0605	-0.0399	-0.1356	0.1373	0.0055	-0.0084	-0.1016
Duarte 16/4.16 (D)		0.0000	7.11	77.68%	9.15	-0.0105	-0.0010	-0.0056	0.0319	0.0024	-0.0002	0.0170
Dunes 33/12 (D)		0.0000	[redacted]			-0.0352	-0.0039	-0.0086	0.0051	0.0008	-0.0009	-0.0427
Dunn Siding 115/12 (D)		0.0000	[redacted]			-0.0060	-0.0018	-0.0011	0.0007	0.0002	0.0000	-0.0080
Dysart P.T. 33/12 (A)		0.0000	0.67	74.44%	0.90	-0.0059	-0.0002	-0.0007	0.0095	0.0004	0.0000	0.0031
Eagle Crest P.T. 33/12 (A)		0.0001	1.43	73.33%	1.95	-0.0102	0.0000	-0.0014	0.0030	0.0003	0.0000	-0.0083
Eagle Mountain 66/12 (D)		0.0001	[redacted]			-0.0091	-0.0019	-0.0033	0.0009	0.0009	0.0001	-0.0124
Earlimart 66/12 (D)		0.0005	23.89	43.75%	54.61	-0.0268	-0.0282	-0.0472	0.0056	0.0022	-0.0014	-0.0958
East Barstow 33/4.16 (D)		0.0001	1.38	36.77%	3.75	-0.0001	0.0000	-0.0018	0.0025	0.0016	-0.0002	0.0020
Eaton 66/16 (D)		1.1380	63.47	87.72%	72.35	-0.0863	-0.0269	-0.0733	0.3606	0.0052	-0.0029	0.1764
Edinger 12/4.16 (D)		0.0002	7.30	56.90%	12.83	-0.0049	-0.0001	-0.0067	0.0615	0.0098	-0.0001	0.0595
Edwards 115/33 (D)	GNA_2023	8.8950	[redacted]			-0.0186	-0.0324	-0.0340	0.0260	0.0014	-0.0012	-0.0588
Eisenhower 115/12 (D)		0.7909	50.52	87.37%	57.83	-0.1057	-0.1067	-0.1666	0.0799	0.0047	-0.0060	-0.3004
Eisenhower 115/33 (D)	GNA_2023	0.2043	78.04	55.25%	141.26	-0.1403	-0.0809	-0.1687	0.1198	0.0174	-0.0038	-0.2565
El Casco 115/12 (D)		10.6001	29.19	40.58%	71.93	-0.0945	-0.0063	-0.0263	0.0547	0.0036	-0.0005	-0.0693
El Nido 66/16 (D)		2.2057	93.03	64.02%	145.32	-0.0546	-0.2938	-0.4569	0.4066	0.0141	-0.0012	-0.3858
El Sobrante 33/12 (D)		0.0006	27.61	77.07%	35.83	-0.0736	-0.0030	-0.0258	0.1730	0.0038	-0.0005	0.0739
Elementary P.T. 16/4.16 (A)		0.0000	0.94	72.49%	1.30	-0.0004	0.0000	-0.0007	0.0050	0.0006	0.0000	0.0045
Elizabeth Lake 66/16 (D)		1.1784	81.61	74.91%	108.95	-0.1294	-0.1041	-0.2170	0.2294	0.0038	-0.0019	-0.2192
Ellis 66/12 (D)		0.0003	47.57	85.81%	55.44	-0.1425	-0.1054	-0.1569	0.2705	0.0078	-0.0035	-0.1300
Elsinore 115/12 (D)		2.9205	64.52	88.76%	72.69	-0.2489	-0.1275	-0.1764	0.2643	0.0076	-0.0054	-0.2863
Elsinore 115/33 (D)		0.0006	[redacted]			-0.1828	-0.0020	-0.0445	0.2515	0.0353	-0.0009	0.0566
Ely 66/12 (D)		2.3745	78.92	61.75%	127.80	-0.1007	-0.1234	-0.2080	0.2633	0.0099	-0.0009	-0.1598
Emigrant P.T. 33/12 (A)		0.0000	[redacted]			0.0000	-0.0015	-0.0016	0.0001	0.0001	0.0000	-0.0029
Eric 66/12 (D)		0.0012	79.05	94.65%	83.52	-0.0611	-0.1372	-0.2866	0.2204	0.0120	-0.0054	-0.2579
Escala P.T. 33/12 (A)		0.0001	1.48	22.69%	6.52	-0.0173	-0.0003	-0.0013	0.0225	0.0001	-0.0001	0.0036
Estero 66/16 (D)		0.9337	30.00	53.57%	56.00	-0.0430	-0.0667	-0.0994	0.1490	0.0073	0.0003	-0.0525
Estrella 66/12 (D)		4.2081	100.53	69.26%	145.15	-0.0691	-0.2828	-0.4601	0.3251	0.2593	-0.0030	-0.2306
Etiwanda 66/12 (D)		1.7521	83.99	77.06%	109.00	-0.1386	-0.0706	-0.1739	0.3858	0.0648	-0.0007	0.0668
Euclid 12/4.16 (D)		0.0000	5.06	68.04%	7.44	-0.0037	-0.0007	-0.0057	0.0162	0.0014	-0.0001	0.0074
Fair Oaks 16/4.16 (D)		0.0001	9.42	54.62%	17.25	-0.0212	-0.0012	-0.0085	0.0974	0.0024	-0.0002	0.0687
Fairfax 16/4.16 (D)		0.0000	5.94	38.40%	15.47	-0.0011	-0.0067	-0.0156	0.0301	0.0022	-0.0011	0.0078
Fairfax 66/16 (D)		2.5512	77.42	75.96%	101.92	-0.0102	-0.1403	-0.3146	0.2074	0.0064	-0.0083	-0.2596
Fairview 66/12 (D)		2.4471	96.81	78.49%	123.35	-0.0549	-0.3620	-0.4965	0.1704	0.0062	-0.0044	-0.7412
Falcon Ridge 66/12 (D)		0.0010	45.57	62.60%	72.80	-0.1019	-0.0247	-0.0784	0.0946	0.0042	-0.0007	-0.1069
Farrell 115/12 (D)		0.6661	108.21	74.56%	145.13	-0.3355	-0.1166	-0.2290	0.1476	0.0107	-0.0038	-0.5266
Felton 16/4.16 (D)		0.0001	6.06	66.21%	9.15	-0.0110	-0.0011	-0.0074	0.0578	0.0056	-0.0003	0.0436
Felton 66/16 (D)		0.1689	42.96	73.96%	58.09	-0.0253	-0.1216	-0.1928	0.1979	0.0076	-0.0021	-0.1363
Fernwood 66/16 (D)		0.0008	46.28	93.17%	49.68	-0.0284	-0.1046	-0.2263	0.2234	0.0089	-0.0033	-0.1303
Fillmore 66/16 (D)		0.0009	38.05	66.17%	57.50	-0.1205	-0.0498	-0.0927	0.0908	0.0033	-0.0011	-0.1700
Firehouse 66/12 (D)		2.7624	118.36	92.75%	127.61	-0.0647	-0.2790	-0.4651	0.1045	0.0609	-0.0049	-0.6483
Flagstone P.T. 12/4.16 (A)		0.0000	[redacted]			-0.0034	-0.0002	-0.0009	0.0035	0.0004	0.0000	-0.0006
Floraday 12/4.16 (D)		0.0002	9.51	75.02%	12.68	-0.0170	-0.0001	-0.0099	0.0415	0.0025	0.0000	0.0170
Fogarty 115/12 (D)		0.0009	42.09	57.81%	72.81	-0.1181	-0.0213	-0.0568	0.0595	0.0064	-0.0028	-0.1331
Francis 66/12 (D)	GNA_2023	2.9362	107.88	103.86%	103.87	-0.1164	-0.1650	-0.2908	0.2874	0.0098	-0.0113	-0.2863
Frazier Park 66/12 (D)		0.0001	7.82	41.11%	19.02	0.0000	0.0000	-0.0141	0.0064	0.0098	-0.0041	-0.0020
Fremont 16/4.16 (D)		0.0001	8.81	51.51%	17.10	-0.0055	-0.0006	-0.0110	0.0772	0.0060	0.0004	0.0665
Fremont 66/16 (D)		4.6371	72.35	73.08%	99.00	-0.0233	-0.1882	-0.3185	0.2340	0.0104	-0.0006	-0.2862
Fruitland 66/16 (D)		0.0007	45.68	64.87%	70.41	-0.0113	-0.0945	-0.1875	0.1039	0.0066	-0.0047	-0.1875
Fruitland 66/4.16 (D)		0.0000	3.86	33.27%	11.60	-0.0011	-0.0022	-0.0074	0.0171	0.0012	-0.0006	0.0070
Fullerton 66/12 (D)		1.1490	92.12	86.34%	106.70	-0.0897	-0.1550	-0.2606	0.1609	0.0055	-0.0025	-0.3414
Fullerton 66/4.16 (D)		0.0001	5.75	62.82%	9.15	-0.0174	-0.0032	-0.0105	0.0362	0.0020	-0.0007	0.0064
Gabrielino P.T. 16/4.16 (A)		0.0779	1.12	81.57%	1.37	-0.0006	0.0000	-0.0011	0.0064	0.0006	-0.0001	0.0052
Gage 16/4.16 (D)		0.0001	3.79	50.96%	7.44	-0.0028	-0.0015	-0.0069	0.0121	0.0011	-0.0004	0.0016
Gale 115/33 (D)		10.0833	[redacted]			-0.0138	-0.0098	-0.0597	0.0064	0.0233	-0.0014	-0.0550
Galileo P.T. 33/12 (A)		0.0000	0.56	42.93%	1.30	0.0000	0.0000	-0.0001	0.0063	0.0003	0.0000	0.0065
Gallatin 66/12 (D)		1.1888	56.96	106.94%	53.26	-0.0340	-0.0672	-0.1343	0.2465	0.0092	-0.0034	0.0168
Ganesha 12/4.16 (D)		0.0001	6.48	108.91%	5.95	-0.0055	-0.0054	-0.0122	0.0267	0.0027	-0.0007	0.0056
Ganesha 66/12 (D)		5.0153	93.00	97.63%	95.26	-0.0948	-0.1406	-0.2395	0.2585	0.0106	-0.0055	-0.2113
Garfield 66/4.16 (D)		0.0002	8.91	76.80%	11.60	-0.0118	-0.0073	-0.0135	0.0745	0.0017	-0.0008	0.0428
Garnet 115/33 (D)	GNA_2023	91.9204	[redacted]			-0.4941	-0.1326	-0.1937	0.0677	0.0094	-0.0015	-0.7448
Garnet 33/12 (D)		0.8010	[redacted]			-0.0214	-0.0094	-0.0228	0.0441	0.0010	-0.0012	-0.0097
Garvey 16/4.16 (D)		0.0000	8.19	47.05%	17.41	-0.0036	-0.0005	-0.0106	0.0377	0.0027	-0.0010	0.0247
Gavilan 33/12 (D)		1.1264	26.16	80.22%	32.61	-0.1525	-0.0336	-0.0557	0.0430	0.0055	-0.0003	-0.1936
Gaviota 66/16 (D)		0.0002	1.36	5.02%	27.07	-0.0025	-0.0008	-0.0015	0.0574	0.0027	0.0061	0.0614
Genamic 66/12 (D)		0.4980	30.59	84.06%	36.39	-0.0302	-0.0851	-0.0951	0.0761	0.0039	-0.0004	-0.1308
Gilbert 66/12 (D)		3.6966	76.98	99.33%	77.50	-0.1361	-0.1517	-0.2304	0.4053	0.0120	-0.0041	-0.1050
Gisler 66/12 (D)		7.9879	84.72	80.77%	104.89	-0.0581	-0.2225	-0.3536	0.2482	0.0067	-0.0042	-0.3835
Glen Avon 66/12 (D)		0.0013	65.24	68.25%	95.59	-0.2879	-0.0487	-0.1072	0.1519	0.0101	-0.0017	-0.2835
Glen Ivy 33/12 (D)		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Glennville 66/12 (D)		0.0001	3.04	55.80%	5.45	-0.0091	-0.0008	-0.0058	0.0514	0.0014	-0.0095	0.0276
Goldtown 66/12 (D)	GNA_2023	0.9730	18.06	73.85%	24.46	-0.0087	-0.0413	-0.0615	0.0064	0.0023	-0.0004	-0.1032
Goleta 66/16 (D)		0.0001	[redacted]			-0.0014	-0.0014	-0.0070	0.0466	0.0055	0.0017	0.0440
Gonzales 66/16 (D)		0.0020	76.31	70.14%	108.79	-0.0804	-0.1573	-0.3718	0.3973	0.0212	-0.0047	-0.1957

Facility	2024										
	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Chestnut 66/12 (D)	1.2914	100.71	77.29%	130.30	-0.1609	-0.5664	-0.6870	0.6097	0.0289	-0.0187	-0.7944
Chino 66/12 (D)	1.6899	96.05	88.58%	108.43	-0.1774	-0.3290	-0.4740	0.4127	0.0330	-0.0110	-0.5457
Chiquita 66/12 (D)	0.9960	111.00	87.16%	127.35	-0.6584	-0.1288	-0.3331	1.5721	0.0326	-0.0056	0.4788
Chollita P.T. 33/12 (A)	0.0012	2.43	37.38%	6.50	-0.0064	-0.0007	-0.0038	0.0073	0.0109	0.0009	0.0082
Cima 220/16 (D)	0.0000	[redacted]			-0.0165	-0.0005	-0.0011	0.0013	0.0008	0.0000	-0.0160
Citrus 66/12 (D)	0.0247	100.19	86.33%	116.06	-0.3199	-0.1707	-0.3663	0.7652	0.0242	-0.0138	-0.0813
Clark 66/4.16 (D)	0.0035	16.76	65.01%	25.78	-0.0805	-0.0052	-0.0410	0.3327	0.0143	-0.0004	0.2199
Coffee 33/12 (D)	4.0637	63.29	88.09%	71.85	-0.4023	-0.0934	-0.2327	0.0594	0.0168	-0.0048	-0.6570
Coldbrook P.T. 12/4.16 (A)	0.0000	0.81	62.31%	1.30	-0.0039	-0.0002	-0.0018	0.0069	0.0014	0.0000	0.0024
Colonia 66/16 (D)	3.8744	74.81	68.89%	108.59	-0.0661	-0.1724	-0.3300	0.5405	0.0229	-0.0124	-0.0175
Colorado 66/16 (D)	3.3697	59.74	68.44%	87.29	-0.0281	-0.2735	-0.4322	0.4354	0.0153	-0.0007	-0.2838
Colorado 66/4.16 (D)	0.0000	6.04	67.68%	8.92	-0.0031	-0.0016	-0.0187	0.2447	0.0150	-0.0034	0.2329
Colton 66/12 (D)	0.3103	44.25	60.96%	72.59	-0.1727	-0.0693	-0.1511	0.2719	0.0170	-0.0060	-0.1102
Columbine 66/12 (D)	0.0072	14.24	54.59%	26.09	-0.0440	-0.0495	-0.0371	0.0225	0.0116	0.0042	-0.0923
Compton 16/4.16 (D)	0.0000	5.13	41.51%	12.36	-0.0021	-0.0013	-0.0184	0.0772	0.0099	-0.0018	0.0635
Concho 115/12 (D)	2.7551	71.96	99.79%	72.11	-0.1980	-0.2161	-0.3903	0.2185	0.0196	-0.0106	-0.5769
Converse Flats 33/12 (A)	0.0003	0.37	28.37%	1.30	0.0000	0.0000	-0.0018	0.0045	0.0038	-0.0011	0.0054
Cornuta 66/12 (D)	1.3909	57.39	89.49%	64.13	-0.1627	-0.1487	-0.2849	0.4723	0.0288	-0.0087	-0.1039
Corona 33/4.16 (D)	0.0002	2.03	52.39%	3.87	-0.0078	-0.0021	-0.0078	0.0266	0.0025	-0.0002	0.0112
Corona 66/12 (D)	2.3467	142.82	88.76%	160.91	-0.5924	-0.5065	-0.7548	0.6768	0.0415	-0.0078	-1.1432
Corona 66/33 (D)	10.8017	72.91	52.55%	138.75	-0.2442	-0.1058	-0.1652	0.5361	0.0421	-0.0005	0.0625
Cortez 66/12 (D)	1.3173	113.53	101.69%	111.64	-0.1549	-0.2328	-0.4764	0.7271	0.0296	-0.0178	-0.1252
Corum 66/12 (D)	0.0008	[redacted]			-0.0059	-0.0159	-0.0242	0.0023	0.0008	-0.0004	-0.0433
Coso 115/12 (D)	0.0006	[redacted]			-0.0006	-0.0036	-0.0018	0.0163	0.0011	-0.0001	0.0113
Cottonwood 115/33 (D)	0.0158	[redacted]			-0.0250	-0.1175	-0.0877	0.0494	0.0181	-0.0191	-0.1818
Cove P.T. 33/12 (A)	0.0584	[redacted]			-0.0173	-0.0040	-0.0099	0.0254	0.0005	-0.0002	-0.0055
Crater 66/16 (D)	0.0066	28.77	95.33%	30.18	-0.0615	-0.0905	-0.1952	0.4484	0.0100	0.0005	0.1117
Crest 66/16 (D)	2.9254	58.94	80.97%	72.79	-0.1619	-0.1468	-0.2786	1.0385	0.0608	-0.0016	0.5104
Crestwind U.G.S. 16/4.16 (A)	0.0000	0.66	33.80%	1.95	-0.0015	-0.0001	-0.0021	0.0177	0.0059	-0.0002	0.0197
Crown 66/12 (D)	0.2508	62.75	55.68%	112.70	-0.3203	-0.2440	-0.5424	1.5450	0.0264	-0.0020	0.4627
Crump P.T. 33/12 (A)	0.0003	0.47	25.14%	1.87	0.0000	0.0000	-0.0014	0.0025	0.0079	-0.0003	0.0087
Cucamonga 66/12 (D)	7.7664	142.80	97.13%	147.02	-0.1167	-0.6354	-0.9810	0.5531	0.0373	-0.0140	-1.1567
Cudahy 66/16 (D)	6.6928	92.49	68.23%	135.55	-0.1025	-0.3692	-0.6262	0.3700	0.0209	-0.0179	-0.7249
Cudahy 66/4.16 (D)	0.0006	15.05	52.87%	28.47	-0.0101	-0.0073	-0.0532	0.1222	0.0159	-0.0028	0.0647
Culver 66/16 (D)	6.1377	52.21	59.75%	87.38	-0.0297	-0.2079	-0.3351	0.4228	0.0306	-0.0005	-0.1198
Culver 66/4.16 (D)	0.4112	21.64	81.62%	26.51	-0.0299	-0.0225	-0.0661	0.4491	0.0432	-0.0072	0.3666
Cummings 66/12 (D)	0.0036	8.98	35.61%	25.22	-0.0163	-0.0091	-0.0255	0.0546	0.0062	-0.0051	0.0048
Cypress 66/12 (D)	0.9554	81.06	79.35%	102.15	0.0000	0.0000	-0.5752	0.8138	0.0220	-0.0059	0.2547
Daeley P.T. 12/4.16 (A)	0.0006	1.23	94.86%	1.30	-0.0017	-0.0002	-0.0015	0.0045	0.0013	0.0000	0.0024
Daggett 33/12 (A)	0.0000	3.39	56.30%	6.02	0.0000	0.0000	-0.0032	0.0006	0.0013	-0.0010	-0.0023
Daisy 12/4.16 (D)	0.0000	5.61	77.26%	7.26	-0.0036	-0.0071	-0.0176	0.0878	0.0171	0.0007	0.0773
Dalton 66/12 (D)	1.2253	62.18	85.48%	72.74	-0.0942	-0.2302	-0.3448	0.2023	0.0209	-0.0026	-0.4486
Declez 66/12 (D)	6.0331	108.07	86.43%	125.04	-0.3154	-0.5694	-0.6770	0.6671	0.0379	-0.0017	-0.8585
Defrain 33/12 (D)	0.3318	4.10	58.39%	7.02	-0.0373	-0.0031	-0.0100	0.0156	0.0025	-0.0027	-0.0350
Deigaard P.T. 16/4.16 (A)	0.0001	[redacted]			0.0000	0.0000	-0.0008	0.0152	0.0038	-0.0002	0.0180
Del Amo 66/12 (D)	3.2321	31.35	43.06%	72.80	-0.0756	-0.0702	-0.1673	0.3627	0.0114	-0.0023	0.0587
Del Rosa 66/12 (D)	1.2806	94.39	83.08%	113.61	-0.1807	-0.2246	-0.4989	0.4207	0.0295	-0.0078	-0.4618
Del Sur 66/12 (D)	0.0030	27.22	37.80%	72.02	-0.0596	-0.0228	-0.0600	0.2603	0.0208	0.0163	0.1550
Delano 66/12 (D)	2.6238	82.66	75.99%	108.78	-0.0536	-0.2242	-0.3592	0.1625	0.0141	-0.0091	-0.4695
Delano 66/4.16 (D)	0.0018	3.66	61.52%	5.95	-0.0026	-0.0057	-0.0102	0.0112	0.0049	-0.0008	-0.0032
Deluz P.T. 33/12 (A)	0.0014	1.71	87.40%	1.96	-0.0476	-0.0006	-0.0030	0.0083	0.0006	-0.0001	-0.0424
Desert Outpost 33/12 (D)	0.0000	11.12	91.51%	12.15	-0.0062	-0.0020	-0.0219	0.0262	0.0040	-0.0019	-0.0018
Devers 115/12 (D)	9.1165	32.55	45.77%	71.11	-0.2338	-0.1521	-0.1929	0.0836	0.0102	-0.0052	-0.4902
Diamond Bar 66/12 (D)	0.2097	48.43	83.22%	58.20	-0.0535	-0.0594	-0.1760	0.5360	0.0112	-0.0025	0.2558
Dinkey Creek P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0016	-0.0004	-0.0002	0.0004	0.0004	0.0007	-0.0007
Ditmar 16/4.16 (D)	0.0033	13.17	58.04%	22.69	-0.0321	-0.0083	-0.0319	0.5728	0.0341	-0.0055	0.5291
Ditmar 66/16 (D)	3.4760	50.05	86.64%	57.76	-0.0835	-0.1768	-0.2331	1.1862	0.0226	-0.0070	0.7084
Dolores P.T. 16/4.16 (A)	0.0010	1.39	71.18%	1.95	-0.0054	0.0000	-0.0026	0.0149	0.0016	0.0000	0.0085
Dolphin P.T. 16/4.16 (D)	0.0000	[redacted]			-0.0019	-0.0004	-0.0004	0.0127	0.0017	0.0006	0.0123
Domeland P.T. 33/12 (A)	0.0000	[redacted]			-0.0037	-0.0037	-0.0021	0.0076	0.0016	0.0004	0.0001
Downey 12/4.16 (D)	0.0000	13.77	90.44%	15.23	-0.0356	-0.0032	-0.0253	0.1316	0.0098	-0.0010	0.0763
Downs 115/12 (D)	2.1156	54.12	82.30%	65.76	-0.1059	-0.0746	-0.2482	0.2811	0.0163	-0.0181	-0.1494
Duarte 16/4.16 (D)	0.0000	7.14	78.01%	9.15	-0.0188	-0.0019	-0.0124	0.0657	0.0054	-0.0004	0.0376
Dunes 33/12 (D)	0.0000	[redacted]			-0.0676	-0.0069	-0.0150	0.0104	0.0025	-0.0035	-0.0801
Dunn Siding 115/12 (D)	0.0002	[redacted]			-0.0060	-0.0018	-0.0016	0.0022	0.0012	0.0000	-0.0060
Dysart P.T. 33/12 (A)	0.0000	0.68	75.56%	0.90	-0.0078	-0.0003	-0.0014	0.0209	0.0010	-0.0004	0.0120
Eagle Crest P.T. 33/12 (A)	0.0009	1.42	72.82%	1.95	-0.0192	0.0000	-0.0030	0.0062	0.0008	0.0000	-0.0152
Eagle Mountain 66/12 (D)	0.0010	[redacted]			-0.0176	-0.0035	-0.0062	0.0034	0.0021	0.0001	-0.0217
Earlimart 66/12 (D)	0.0088	23.82	43.62%	54.61	-0.0497	-0.0482	-0.0917	0.0124	0.0062	-0.0036	-0.1746
East Barstow 33/4.16 (D)	0.0009	1.39	37.04%	3.75	-0.0002	0.0000	-0.0039	0.0051	0.0037	-0.0007	0.0040
Eaton 66/16 (D)	1.2042	62.57	86.48%	72.35	-0.1529	-0.0512	-0.1494	0.7461	0.0136	-0.0056	0.4006
Edinger 12/4.16 (D)	0.0019	7.37	57.44%	12.83	-0.0102	-0.0003	-0.0139	0.1224	0.0209	-0.0002	0.1187
Edwards 115/33 (D)	40.1030	[redacted]			-0.0363	-0.0575	-0.0614	0.0549	0.0076	-0.0016	-0.0943
Eisenhower 115/12 (D)	1.0060	51.94	89.82%	57.83	-0.1960	-0.1968	-0.3081	0.1816	0.0151	-0.0120	-0.5162
Eisenhower 115/33 (D)	2.3351	76.58	54.21%	141.26	-0.2511	-0.1220	-0.3126	0.2561	0.0534	-0.0078	-0.3840
El Casco 115/12 (D)	13.0204	31.74	44.12%	71.93	-0.1532	-0.0103	-0.0544	0.1258	0.0091	-0.0010	-0.0840
El Nido 66/16 (D)	3.8368	94.64	65.12%	145.32	-0.0992	-0.5331	-0.7883	0.8962	0.0503	-0.0014	-0.4755
El Sobrante 33/12 (D)	0.0111	27.72	77.37%	35.83	-0.1335	-0.0055	-0.0536	0.3540	0.0085	-0.0011	0.1688
Elementary P.T. 16/4.16 (A)	0.0000	0.94	72.49%	1.30	-0.0007	0.0000	-0.0015	0.0102	0.0015	0.0000	0.0095
Elizabeth Lake 66/16 (D)	4.4853	85.13	78.14%	108.95	-0.2273	-0.1893	-0.3901	0.4876	0.0092	-0.0040	-0.3139
Ellis 66/12 (D)	0.0042	48.02	86.62%	55.44	-0.2606	-0.1975	-0.2850	0.5623	0.0197	-0.0098	-0.1709
Elsinore 115/12 (D)	3.7090	65.20	89.69%	72.69	-0.4531	-0.2377	-0.3339	0.5534	0.0196	-0.0090	-0.4607
Elsinore 115/33 (D)	0.0105	[redacted]			-0.3387	-0.0034	-0.0927	0.5158	0.0721	-0.0016	0.1515
Ely 66/12 (D)	2.4649	78.97	61.79%	127.80	-0.1734	-0.2238	-0.3760	0.5510	0.0280	-0.0027	-0.1969
Emigrant P.T. 33/12 (A)	0.0000	[redacted]			0.0000	-0.0025	-0.0030	0.0003	0.0002	-0.0001	-0.0051
Eric 66/12 (D)	0.0183	80.01	95.80%	83.52	-0.1084	-0.2476	-0.4988	0.4578	0.0247	-0.0110	-0.3833
Escala P.T. 33/12 (A)	0.0001	1.50	23.00%	6.52	-0.0281	-0.0004	-0.0027	0.0523	0.0007	-0.0002	0.0216
Estero 66/16 (D)	3.1077	32.32	57.71%	56.00	-0.0832	-0.1243	-0.1775	0.3228	0.0193	0.0017	-0.0412
Estrella 66/12 (D)	5.9049	102.25	70.44%	145.15	-0.1339	-0.5283	-0.8138	0.6647	0.5170	-0.0071	-0.3014
Etiwanda 66/12 (D)	1.7800	88.19	80.91%	109.00	-0.2372	-0.1277	-0.3354	0.8124	0.1291	-0.0009	0.2403
Euclid 12/4.16 (D)	0.0000	4.81	64.68%	7.44	-0.0068	-0.0013	-0.0119	0.0331	0.0034	-0.0002	0.0163
Fair Oaks 16/4.16 (D)	0.0005	9.11	52.82%	17.25	-0.0367	-0.0022	-0.0185	0.2043	0.0070	-0.0004	0.1535
Fairfax 16/4.16 (D)	0.0003	5.95	38.46%	15.47	-0.0020	-0.0120	-0.0296	0.0641	0.0050	-0.0015	0.0240
Fairfax 66/16 (D)	11.3733	86.80	85.16%	101.92	-0.0207	-0.2597	-0.5664	0.4345	0.0159	-0.0161	-0.4125
Fairview 66/12 (D)	2.9884	96.79	78.47%	123.35	-0.1091	-0.6657	-0.8894	0.3616	0.0166	-0.0087	-1.2947
Falcon Ridge 66/12 (D)	0.0164	45.52	62.53%	72.80	-0.1801	-0.0451	-0.1449	0.1959	0.0094	-0.0014	-0.1662
Farrell 115/12 (D)	4.1470	111.62	76.91%	145.13	-0.5541	-0.2009	-0.4324	0.3353	0.0332	-0.0081	-0.8270
Felton 16/4.16 (D)	0.0019	6.12	66.86%	9.15	-0.0196	-0.0021	-0.0159	0.1195	0.0153	-0.0006	0.0966
Felton 66/16 (D)	0.2341	42.98	73.99%	58.09	-0.0471	-0.2285	-0.3480	0.4181	0.0262	-0.0039	-0.1832
Fernwood 66/16 (D)	0.0099	46.23	93.06%	49.68	-0.0602	-0.2178	-0.4064	0.4741	0.0222	-0.0050	-0.1931
Fillmore 66/16 (D)	0.0143	37.93	65.97%	57.50	-0.2199	-0.0899	-0.1768	0.1868	0.0105	-0.0037	-0.2930
Firehouse 66/12 (D)	6.1320	118.82	93.11%	127.61	-0.1189	-0.5114	-0.8401	0.2259	0.1495	-0.0087	-1.1037
Flagstone P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0059	-0.0004	-0.0018	0.0073	0.0011	0.0000	0.0003
Floraday 12/4.16 (D)	0.0028	8.75	69.02%	12.68	-0.0299	-0.0002	-0.0209	0.0848	0.0074	0.0000	0.0412
Fogarty 115/12 (D)	0.0116	42.04	57.74%	72.81	-0.1880	-0.0344	-0.1104	0.1353	0.0151	-0.0069	-0.1893
Francis 66/12 (D)	3.6719	108.47	104.43%	103.87	-0.2078	-0.3083	-0.5617	0.5973	0.0250	-0.0222	-0.4777
Frazier Park 66/12 (D)	0.0023	7.82	41.11%	19.02	0.0000	0.0000	-0.0274	0.0139	0.0179	-0.0067	-0.0023
Fremont 16/4.16 (D)	0.0013	8.87	51.86%	17.10	-0.0115	-0.0012	-0.0270	0.1563	0.0123	-0.0010	0.1279
Fremont 66/16 (D)	5.4204	73.03	73.77%	99.00	-0.0427	-0.3462	-0.5798	0.5353	0.0215	-0.0030	-0.4149
Fruitland 66/16 (D)	0.0114	45.56	64.70%	70.41	-0.0231	-0.1861	-0.3358	0.2259	0.0178	-0.0088	-0.3101
Fruitland 66/4.16 (D)	0.0005	3.87	33.36%	11.60	-0.0021	-0.0042	-0.0140	0.0347	0.0033	-0.0012	0.0165
Fullerton 66/12 (D)	1.2367	91.97	86.20%	106.70	-0.1626	-0.2864	-0.4674	0.3372	0.0144	-0.0063	-0.5711
Fullerton 66/4.16 (D)	0.0005	5.77	63.04%	9.15	-0.0319	-0.0062	-0.0216	0.0741	0.0051	-0.0013	0.0182
Gabrielino P.T. 16/4.16 (A)	0.0988	1.15	83.76%	1.37	-0.0011	0.0000	-0.0023	0.0130	0.0016	-0.0002	0.0110
Gage 16/4.16 (D)	0.0496	3.85	51.77%	7.44	-0.0052	-0.0029	-0.0137	0.0247	0.0028	-0.0007	0.0050
Gale 115/33 (D)	10.0856	[redacted]			-0.0240	-0.0115	-0.0908	0.0204	0.0566	-0.0021	-0.0514
Galileo P.T. 33/12 (A)	0.0000	0.56	42.93%	1.30	0.0000	0.0000	-0.0003	0.0116	0.0005	-0.0001	0.0117
Gallatin 66/12 (D)	1.2037	57.04	107.09%	53.26	-0.0651	-0.1314	-0.2586	0.5149	0.0235	-0.0064	0.0769
Ganesha 12/4.16 (D)	0.0017	6.49	109.08%	5.95	-0.0101	-0.0102	-0.0246	0.0547	0.0064	-0.0014	0.0148
Ganesha 66/12 (D)	6.1734	94.11	98.80%	95.26	-0.1713	-0.2616	-0.4637	0.5419	0.0250	-0.0105	-0.3402
Garfield 66/4.16 (D)	0.0029	8.98	77.40%	11.60	-0.0208	-0.0136	-0.0260	0.1550	0.0071	-0.0017	0.1000
Garnet 115/33 (D)	116.9513	[redacted]			-0.9070	-0.2282	-0.3592	0.1428	0.0315	-0.0028	-1.3229
Garnet 33/12 (D)	0.8010	[redacted]			-0.0391	-0.0172	-0.0228	0.0441	0.0010	-0.0012	-0.0352
Garvey 16/4.16 (D)	0.0007	8.21	47.17%	17.41	-0.0073	-0.0011	-0.0220	0.0761	0.0070	-0.0022	0.0505
Gavilan 33/12 (D)	2.4797	27.51	84.36%	32.61	-0.2538	-0.0565	-0.1119	0.0987	0.0108	-0.0010	-0.3137
Gaviota 66/16 (D)	0.0003	1.45	5.36%	27.07	-0.0025	-0.0008	-0.0025	0.1381	0.0052	0.0056	0.1431
Genamic 66/12 (D)	0.6369	30.64	84.20%	36.39	-0.0541	-0.1556	-0.1746	0.1573	0.0085	-0.0008	-0.2193
Gilbert 66/12 (D)	3.7181	77.00	99.35%	77.50	-0.2557	-0.2784	-0.4375	0.8430	0.0301	-0.0094	-0.1079
Gisler 66/12 (D)	12.7971	89.07	84.92%	104.89	-0.1188	-0.4269	-0.6387	0.5076	0.0225	-0.0072	-0.6615
Glen Avon 66/12 (D)	4.1266	66.94	70.03%	95.59	-0.5021	-0.0893	-0.2130	0.3186	0.0260	-0.0032	-0.4630
Glen Ivy 33/12 (D)	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Glennville 66/12 (D)	0.0008	3.09	56.72%	5.45	-0.0179	-0.0015	-0.0112	0.1046	0.0043	-0.0131	0.0652
Goldtown 66/12 (D)	4.8165	22.05	90.16%	24.46	-0.0169	-0.0761	-0.1142	0.0187	0.0054	-0.0008	-0.1839
Goleta 66/16 (D)	0.0006	[redacted]			-0.0027	-0.0025	-0.0138	0.0966	0.0105	0.0024	0.0905
Gonzales 66/16 (D)	2.2367	77.20	70.96%	108.79	-0.1429	-0.2780	-0.6596	0.8151	0.0474	-0.0096	-0.2276

Facility	2025										
	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]
Chestnut 66/12 (D)	1.3641	100.34	77.00%	130.30	-0.2424	-0.8473	-0.9867	0.9373	0.0502	-0.0262	-1.1151
Chino 66/12 (D)	1.6996	95.84	88.38%	108.43	-0.2564	-0.4773	-0.6824	0.6181	0.0596	-0.0162	-0.7546
Chiquita 66/12 (D)	1.0052	111.30	87.40%	127.35	-0.9900	-0.1928	-0.5043	2.3753	0.0636	-0.0081	0.7437
Chollita P.T. 33/12 (A)	0.0016	2.44	37.54%	6.50	-0.0094	-0.0011	-0.0059	0.0112	0.0172	0.0015	0.0135
Cima 220/16 (D)	0.0000	[redacted]			-0.0243	-0.0007	-0.0016	0.0021	0.0015	0.0000	-0.0230
Citrus 66/12 (D)	0.0351	100.18	86.32%	116.06	-0.4790	-0.2550	-0.5447	1.1540	0.0466	-0.0202	-0.0983
Clark 66/4.16 (D)	0.0050	16.88	65.47%	25.78	-0.1210	-0.0078	-0.0624	0.4958	0.0255	-0.0006	0.3295
Coffee 33/12 (D)	4.1639	63.09	87.81%	71.85	-0.5854	-0.1387	-0.3403	0.0979	0.0316	-0.0072	-0.9421
Coldbrook P.T. 12/4.16 (A)	0.0000	0.81	62.31%	1.30	-0.0060	-0.0003	-0.0028	0.0105	0.0027	0.0000	0.0041
Colonia 66/16 (D)	4.4249	76.99	70.90%	108.59	-0.0949	-0.2524	-0.4633	0.8165	0.0383	-0.0194	0.0248
Colorado 66/16 (D)	3.3726	61.07	69.96%	87.29	-0.0426	-0.4125	-0.6163	0.6567	0.0219	-0.0005	-0.3933
Colorado 66/4.16 (D)	0.0004	6.17	69.14%	8.92	-0.0038	-0.0021	-0.0276	0.3753	0.0229	-0.0055	0.3592
Colton 66/12 (D)	0.3161	44.25	60.96%	72.59	-0.2417	-0.1031	-0.2227	0.4332	0.0326	-0.0098	-0.1115
Columbine 66/12 (D)	0.0104	19.15	73.41%	26.09	-0.0628	-0.0707	-0.0543	0.0352	0.0187	0.0065	-0.1274
Compton 16/4.16 (D)	0.0000	5.16	41.76%	12.36	-0.0035	-0.0019	-0.0280	0.1149	0.0174	-0.0027	0.0962
Concho 115/12 (D)	12.0589	81.58	75.42%	108.17	-0.2866	-0.3196	-0.5661	0.3456	0.0354	-0.0160	-0.8073
Converse Flats 33/12 (A)	0.0003	0.38	29.13%	1.30	0.0000	0.0000	-0.0025	0.0067	0.0060	-0.0014	0.0088
Cornuta 66/12 (D)	1.3951	57.39	89.49%	64.13	-0.2422	-0.2193	-0.4144	0.7281	0.0552	-0.0128	-0.1054
Corona 33/4.16 (D)	0.0003	2.04	52.65%	3.87	-0.0114	-0.0031	-0.0118	0.0395	0.0050	-0.0003	0.0179
Corona 66/12 (D)	3.0232	143.03	88.89%	160.91	-0.8690	-0.7564	-1.1063	1.0361	0.0800	-0.0114	-1.6270
Corona 66/33 (D)	13.9317	75.51	54.42%	138.75	-0.3576	-0.1603	-0.2639	0.8136	0.0727	-0.0012	0.1033
Cortez 66/12 (D)	1.3265	113.51	101.68%	111.64	-0.2278	-0.3490	-0.7040	1.0972	0.0541	-0.0257	-0.1552
Corum 66/12 (D)	0.0016	[redacted]			-0.0089	-0.0236	-0.0355	0.0035	0.0016	-0.0006	-0.0635
Coso 115/12 (D)	0.0009	[redacted]			-0.0006	-0.0037	-0.0028	0.0252	0.0016	-0.0003	0.0194
Cottonwood 115/33 (D)	0.0241	[redacted]			-0.0340	-0.1560	-0.1321	0.0764	0.0346	-0.0290	-0.2401
Cove P.T. 33/12 (A)	0.0584	[redacted]			-0.0200	-0.0047	-0.0147	0.0396	0.0014	-0.0009	0.0007
Crater 66/16 (D)	0.0108	28.86	95.63%	30.18	-0.0917	-0.1356	-0.2915	0.6930	0.0144	0.0006	0.1892
Crest 66/16 (D)	2.9306	59.28	81.43%	72.79	-0.2382	-0.2181	-0.3904	1.5627	0.1065	-0.0018	0.8207
Crestwind U.G.S. 16/4.16 (A)	0.0000	0.67	34.31%	1.95	-0.0015	-0.0001	-0.0029	0.0280	0.0110	-0.0004	0.0341
Crown 66/12 (D)	0.2705	63.15	56.04%	112.70	-0.4667	-0.3461	-0.7815	2.3653	0.0499	-0.0039	0.8170
Crump P.T. 33/12 (A)	0.0004	0.48	25.67%	1.87	0.0000	0.0000	-0.0021	0.0038	0.0124	-0.0004	0.0137
Cucamonga 66/12 (D)	7.7814	137.30	93.39%	147.02	-0.1672	-0.9317	-1.4276	0.8678	0.0668	-0.0198	-1.6117
Cudahy 66/16 (D)	6.8648	92.33	68.11%	135.55	-0.1591	-0.5641	-0.9049	0.5649	0.0378	-0.0260	-1.0514
Cudahy 66/4.16 (D)	0.0009	15.08	52.97%	28.47	-0.0155	-0.0110	-0.0795	0.1824	0.0287	-0.0044	0.1007
Culver 66/16 (D)	11.6219	57.97	66.34%	87.38	-0.0423	-0.2996	-0.4980	0.6555	0.0489	-0.0018	-0.1373
Culver 66/4.16 (D)	0.0123	21.41	80.75%	26.51	-0.0430	-0.0311	-0.1046	0.6676	0.0638	-0.0118	0.5409
Cummings 66/12 (D)	0.0051	8.99	35.65%	25.22	-0.0223	-0.0131	-0.0378	0.0839	0.0104	-0.0070	0.0141
Cypress 66/12 (D)	0.9582	81.01	79.30%	102.15	0.0000	0.0000	-0.8167	1.2383	0.0431	-0.0088	0.4559
Daeley P.T. 12/4.16 (A)	0.0009	1.23	94.86%	1.30	-0.0026	-0.0003	-0.0023	0.0067	0.0025	0.0000	0.0040
Daggett 33/12 (A)	0.0000	3.39	56.30%	6.02	0.0000	0.0000	-0.0047	0.0012	0.0020	-0.0017	-0.0032
Daisy 12/4.16 (D)	0.0000	5.67	78.08%	7.26	-0.0045	-0.0101	-0.0251	0.1419	0.0252	0.0011	0.1285
Dalton 66/12 (D)	1.2329	61.97	85.19%	72.74	-0.1423	-0.3431	-0.5007	0.3074	0.0366	-0.0038	-0.6459
Declez 66/12 (D)	8.2779	110.12	88.07%	125.04	-0.4686	-0.8498	-0.9879	1.0349	0.0672	-0.0023	-1.2065
Defrain 33/12 (D)	0.5285	4.29	61.10%	7.02	-0.0548	-0.0047	-0.0150	0.0237	0.0046	-0.0044	-0.0506
Deigaard P.T. 16/4.16 (A)	0.0001	[redacted]			0.0000	0.0000	-0.0011	0.0230	0.0057	-0.0003	0.0273
Del Amo 66/12 (D)	3.2362	31.40	43.13%	72.80	-0.1145	-0.1049	-0.2399	0.5408	0.0211	-0.0033	0.0993
Del Rosa 66/12 (D)	1.2927	94.20	82.92%	113.61	-0.2624	-0.3313	-0.7371	0.6368	0.0554	-0.0116	-0.6502
Del Sur 66/12 (D)	0.0043	29.12	40.44%	72.02	-0.0868	-0.0314	-0.0871	0.4004	0.0321	0.0211	0.2483
Delano 66/12 (D)	4.8474	72.55	66.69%	108.78	-0.0787	-0.3341	-0.5278	0.2565	0.0282	-0.0139	-0.6698
Delano 66/4.16 (D)	0.0027	2.55	42.86%	5.95	-0.0039	-0.0086	-0.0151	0.0168	0.0081	-0.0012	-0.0039
Deluz P.T. 33/12 (A)	0.0020	1.69	86.38%	1.96	-0.0706	-0.0009	-0.0044	0.0124	0.0012	-0.0002	-0.0625
Desert Outpost 33/12 (D)	0.0000	11.12	91.51%	12.15	-0.0090	-0.0030	-0.0338	0.0386	0.0080	-0.0030	-0.0022
Devers 115/12 (D)	9.1235	32.40	45.56%	71.11	-0.2996	-0.2224	-0.2795	0.1575	0.0186	-0.0113	-0.6367
Diamond Bar 66/12 (D)	3.9581	52.73	90.61%	58.20	-0.0772	-0.0882	-0.2620	0.8056	0.0210	-0.0037	0.3955
Dinkey Creek P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0024	-0.0006	-0.0003	0.0006	0.0006	0.0009	-0.0012
Ditmar 16/4.16 (D)	0.0047	13.48	59.40%	22.69	-0.0478	-0.0126	-0.0514	0.8851	0.0516	-0.0079	0.8170
Ditmar 66/16 (D)	4.8772	51.89	89.83%	57.76	-0.1202	-0.2575	-0.3542	1.7918	0.0342	-0.0132	1.0809
Dolores P.T. 16/4.16 (A)	0.0013	1.40	71.70%	1.95	-0.0081	0.0000	-0.0040	0.0223	0.0026	0.0000	0.0128
Dolphin P.T. 16/4.16 (D)	0.0000	[redacted]			-0.0019	-0.0004	-0.0005	0.0230	0.0025	0.0006	0.0233
Domeland P.T. 33/12 (A)	0.0000	[redacted]			-0.0055	-0.0055	-0.0031	0.0115	0.0025	0.0007	0.0006
Downey 12/4.16 (D)	0.0000	13.82	90.77%	15.23	-0.0532	-0.0048	-0.0387	0.1976	0.0189	-0.0016	0.1182
Downs 115/12 (D)	2.1757	54.12	82.30%	65.76	-0.1574	-0.1115	-0.3556	0.4174	0.0303	-0.0281	-0.2049
Duarte 16/4.16 (D)	0.0000	7.16	78.23%	9.15	-0.0283	-0.0029	-0.0193	0.0985	0.0095	-0.0005	0.0570
Dunes 33/12 (D)	0.0021	[redacted]			-0.0987	-0.0102	-0.0219	0.0158	0.0046	-0.0059	-0.1163
Dunn Siding 115/12 (D)	0.0003	[redacted]			-0.0060	-0.0018	-0.0021	0.0038	0.0021	0.0000	-0.0040
Dysart P.T. 33/12 (A)	0.0000	0.69	76.67%	0.90	-0.0097	-0.0004	-0.0022	0.0317	0.0020	-0.0008	0.0206
Eagle Crest P.T. 33/12 (A)	0.0013	1.41	72.31%	1.95	-0.0281	0.0000	-0.0047	0.0093	0.0016	0.0000	-0.0219
Eagle Mountain 66/12 (D)	0.0014	[redacted]			-0.0258	-0.0052	-0.0088	0.0069	0.0036	0.0001	-0.0292
Earlimart 66/12 (D)	0.0134	23.30	42.67%	54.61	-0.0721	-0.0698	-0.1380	0.0199	0.0112	-0.0058	-0.2546
East Barstow 33/4.16 (D)	0.0013	1.39	37.04%	3.75	-0.0003	0.0000	-0.0060	0.0076	0.0062	-0.0012	0.0063
Eaton 66/16 (D)	1.2295	62.82	86.83%	72.35	-0.2289	-0.0771	-0.2255	1.1228	0.0254	-0.0083	0.6084
Edinger 12/4.16 (D)	0.0023	0.00	0.00%	12.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Edwards 115/33 (D)	40.1030	[redacted]			-0.0542	-0.0850	-0.0892	0.0849	0.0158	-0.0021	-0.1298
Eisenhower 115/12 (D)	1.0832	51.83	89.63%	57.83	-0.2808	-0.2816	-0.4426	0.2985	0.0281	-0.0184	-0.6968
Eisenhower 115/33 (D)	2.6487	76.79	54.36%	141.26	-0.3601	-0.1652	-0.4518	0.3862	0.0943	-0.0120	-0.5086
El Casco 115/12 (D)	14.3357	37.93	35.15%	107.90	-0.2121	-0.0146	-0.0810	0.1934	0.0161	-0.0015	-0.0997
El Nido 66/16 (D)	10.0498	100.94	69.46%	145.32	-0.1473	-0.7905	-1.1811	1.4128	0.0735	-0.0021	-0.6347
El Sobrante 33/12 (D)	0.0146	27.82	77.65%	35.83	-0.1934	-0.0082	-0.0807	0.5261	0.0176	-0.0016	0.2598
Elementary P.T. 16/4.16 (A)	0.0000	0.95	73.26%	1.30	-0.0010	0.0000	-0.0023	0.0152	0.0029	0.0000	0.0148
Elizabeth Lake 66/16 (D)	7.7074	88.53	81.26%	108.95	-0.3382	-0.2825	-0.5631	0.7448	0.0172	-0.0057	-0.4275
Ellis 66/12 (D)	0.0080	48.03	86.64%	55.44	-0.3723	-0.2752	-0.3998	0.8632	0.0379	-0.0168	-0.1630
Elsinore 115/12 (D)	3.8038	65.12	89.58%	72.69	-0.6570	-0.3559	-0.4853	0.8457	0.0371	-0.0132	-0.6286
Elsinore 115/33 (D)	0.0152	[redacted]			-0.4938	-0.0050	-0.1417	0.7697	0.1131	-0.0023	0.2400
Ely 66/12 (D)	2.5141	79.00	61.81%	127.80	-0.2488	-0.3209	-0.5353	0.8367	0.0510	-0.0048	-0.2221
Emigrant P.T. 33/12 (A)	0.0000	[redacted]			0.0000	-0.0036	-0.0042	0.0005	0.0003	-0.0002	-0.0072
Eric 66/12 (D)	4.3202	85.20	102.01%	83.52	-0.1609	-0.3644	-0.7122	0.6946	0.0455	-0.0162	-0.5136
Escala P.T. 33/12 (A)	0.0001	1.52	23.31%	6.52	-0.0385	-0.0005	-0.0041	0.0806	0.0014	-0.0003	0.0386
Estero 66/16 (D)	3.2043	34.98	62.46%	56.00	-0.1249	-0.1874	-0.2545	0.5099	0.0335	0.0034	-0.0200
Estrella 66/12 (D)	7.1606	103.52	71.32%	145.15	-0.1957	-0.7730	-1.1607	1.0187	0.7684	-0.0116	-0.3539
Etiwanda 66/12 (D)	8.2651	95.34	87.47%	109.00	-0.3405	-0.2073	-0.4938	1.2385	0.1924	-0.0011	0.3882
Euclid 12/4.16 (D)	0.0000	4.82	64.81%	7.44	-0.0099	-0.0020	-0.0181	0.0490	0.0066	-0.0003	0.0253
Fair Oaks 16/4.16 (D)	0.0008	9.20	53.35%	17.25	-0.0542	-0.0033	-0.0287	0.3071	0.0138	-0.0006	0.2341
Fairfax 16/4.16 (D)	0.0004	5.97	38.59%	15.47	-0.0029	-0.0176	-0.0436	0.0966	0.0088	-0.0021	0.0392
Fairfax 66/16 (D)	12.6485	88.01	86.35%	101.92	-0.0319	-0.3879	-0.8124	0.6530	0.0296	-0.0240	-0.5736
Fairview 66/12 (D)	5.0672	98.40	79.77%	123.35	-0.1653	-0.9898	-1.2696	0.5509	0.0286	-0.0129	-1.8581
Falcon Ridge 66/12 (D)	0.0219	45.47	62.46%	72.80	-0.2579	-0.0653	-0.2128	0.3015	0.0192	-0.0018	-0.2171
Farrell 115/12 (D)	4.6704	111.87	77.08%	145.13	-0.7707	-0.2912	-0.6315	0.5290	0.0616	-0.0123	-1.1151
Felton 16/4.16 (D)	0.0027	6.16	67.30%	9.15	-0.0294	-0.0031	-0.0262	0.1781	0.0218	-0.0009	0.1403
Felton 66/16 (D)	0.2561	42.90	73.85%	58.09	-0.0712	-0.3431	-0.5328	0.6383	0.0374	-0.0061	-0.2775
Fernwood 66/16 (D)	0.0145	46.14	92.88%	49.68	-0.0896	-0.3248	-0.5917	0.6878	0.0409	-0.0079	-0.2853
Fillmore 66/16 (D)	0.0207	37.81	65.76%	57.50	-0.3205	-0.1308	-0.2637	0.2957	0.0217	-0.0061	-0.4037
Firehouse 66/12 (D)	14.3079	123.77	96.99%	127.61	-0.1730	-0.7609	-1.2083	0.3519	0.2405	-0.0131	-1.5629
Flagstone P.T. 12/4.16 (A)	0.0002	[redacted]			-0.0089	-0.0006	-0.0027	0.0111	0.0022	0.0000	0.0011
Floraday 12/4.16 (D)	0.0040	8.43	66.50%	12.68	-0.0449	-0.0003	-0.0321	0.1259	0.0145	0.0000	0.0631
Fogarty 115/12 (D)	4.3658	46.78	64.25%	72.81	-0.2576	-0.0485	-0.1622	0.2108	0.0269	-0.0110	-0.2416
Francis 66/12 (D)	3.9351	108.53	104.49%	103.87	-0.3081	-0.4619	-0.8324	0.9044	0.0484	-0.0320	-0.6816
Frazier Park 66/12 (D)	0.0028	7.83	41.16%	19.02	0.0000	0.0000	-0.0411	0.0224	0.0315	-0.0095	0.0033
Fremont 16/4.16 (D)	0.0018	8.34	48.77%	17.10	-0.0184	-0.0019	-0.0422	0.2227	0.0198	-0.0025	0.1775
Fremont 66/16 (D)	5.6962	73.20	73.94%	99.00	-0.0636	-0.5154	-0.8275	0.7697	0.0398	-0.0052	-0.6022
Fruitland 66/16 (D)	0.0156	45.75	64.97%	70.41	-0.0357	-0.2845	-0.4804	0.3380	0.0311	-0.0129	-0.4444
Fruitland 66/4.16 (D)	0.0006	3.88	33.44%	11.60	-0.0032	-0.0063	-0.0205	0.0518	0.0059	-0.0018	0.0259
Fullerton 66/12 (D)	1.2860	91.77	86.01%	106.70	-0.2431	-0.4274	-0.6585	0.5093	0.0277	-0.0098	-0.8018
Fullerton 66/4.16 (D)	0.0006	5.78	63.15%	9.15	-0.0483	-0.0094	-0.0327	0.1102	0.0100	-0.0019	0.0279
Gabrielino P.T. 16/4.16 (A)	0.1062	1.16	84.49%	1.37	-0.0017	0.0000	-0.0035	0.0192	0.0030	-0.0004	0.0166
Gage 16/4.16 (D)	0.0672	3.44	46.25%	7.44	-0.0079	-0.0044	-0.0205	0.0367	0.0054	-0.0011	0.0082
Gale 115/33 (D)	15.3103	[redacted]			-0.0340	-0.0134	-0.1196	0.0419	0.0875	-0.0020	-0.0396
Galileo P.T. 33/12 (A)	0.0000	0.57	43.70%	1.30	0.0000	0.0000	-0.0005	0.0170	0.0007	-0.0002	0.0170
Gallatin 66/12 (D)	4.4862	60.62	83.89%	72.26	-0.0967	-0.1946	-0.3815	0.7778	0.0446	-0.0097	0.1399
Ganesha 12/4.16 (D)	0.0030	6.50	109.25%	5.95	-0.0150	-0.0154	-0.0370	0.0814	0.0118	-0.0020	0.0238
Ganesha 66/12 (D)	6.2944	94.09	98.78%	95.26	-0.2547	-0.3916	-0.6861	0.8276	0.0460	-0.0152	-0.4740
Garfield 66/4.16 (D)	0.0040	9.04	77.92%	11.60	-0.0299	-0.0203	-0.0391	0.2359	0.0132	-0.0029	0.1569
Garnet 115/33 (D)	127.7037	[redacted]			-1.3317	-0.3362	-0.5212	0.2244	0.0600	-0.0047	-1.9094
Garnet 33/12 (D)	0.8010	[redacted]			-0.0561	-0.0254	-0.0228	0.0441	0.0010	-0.0012	-0.0604
Garvey 16/4.16 (D)	0.0011	8.24	47.34%	17.41	-0.0117	-0.0017	-0.0334	0.1117	0.0129	-0.0035	0.0743
Gavilan 33/12 (D)	2.9523	27.93	85.65%	32.61	-0.3294	-0.0792	-0.1639	0.1575	0.0172	-0.0052	-0.4030
Gaviota 66/16 (D)	0.0003	1.54	5.69%	27.07	-0.0025	-0.0008	-0.0034	0.2292	0.0079	0.0055	0.2359
Genamic 66/12 (D)	0.6850	35.61	97.85%	36.39	-0.0734	-0.2312	-0.2578	0.2421	0.0163	-0.0019	-0.3059
Gilbert 66/12 (D)	3.7271	76.99	99.34%	77.50	-0.3832	-0.4142	-0.6320	1.2637	0.0537	-0.0143	-0.1263
Gisler 66/12 (D)	15.8760	92.02	87.73%	104.89	-0.1822	-0.6458	-0.9289	0.7674	0.0399	-0.0105	-0.9601
Glen Avon 66/12 (D)	4.1531	77.44	81.02%	95.59	-0.7304	-0.1328	-0.3185	0.4808	0.0507	-0.0047	-0.6549
Glen Ivy 33/12 (D)	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Glennville 66/12 (D)	0.0011	3.13	57.45%	5.45	-0.0269	-0.0023	-0.0166	0.1547	0.0086	-0.0167	0.1008
Goldtown 66/12 (D)	13.5826	31.24	127.74%	24.46	-0.0329	-0.1190	-0.1719	0.0372	0.0100	-0.0012	-0.2778
Goleta 66/16 (D)	0.0009	[redacted]			-0.0040	-0.0037	-0.0207	0.1474	0.0159	0.0031	0.1380
Gonzales 66/16 (D)	4.3542	79.47	73.05%	108.79	-0.1765	-0.3647	-0.8793	1.2009	0.1019	-0.0247	-0.1424

Facility	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]	Facility Loading Limit (MW) [26]
Chestnut 66/12 (D)	2.2852	101.04	77.54%	130.30
Chino 66/12 (D)	1.7179	101.59	93.69%	108.43
Chiquita 66/12 (D)	1.0630	111.98	87.93%	127.35
Chollita P.T. 33/12 (A)	0.0037	2.45	37.69%	6.50
Cima 220/16 (D)	0.0000	[redacted]		
Citrus 66/12 (D)	0.0522	100.22	86.35%	116.06
Clark 66/4.16 (D)	0.0082	17.31	67.14%	25.78
Coffee 33/12 (D)	4.2976	62.93	87.59%	71.85
Coldbrook P.T. 12/4.16 (A)	0.0000	0.81	62.31%	1.30
Colonia 66/16 (D)	7.0176	80.72	74.34%	108.59
Colorado 66/16 (D)	3.4313	61.12	70.02%	87.29
Colorado 66/4.16 (D)	0.0013	6.29	70.48%	8.92
Colton 66/12 (D)	0.5734	44.53	61.35%	72.59
Columbine 66/12 (D)	0.0170	19.12	73.29%	26.09
Compton 16/4.16 (D)	0.0000	5.20	42.08%	12.36
Concho 115/12 (D)	19.0906	82.02	75.82%	108.17
Converse Flats 33/12 (A)	0.0004	0.38	29.13%	1.30
Cornuta 66/12 (D)	1.3998	57.35	89.43%	64.13
Corona 33/4.16 (D)	0.0003	0.00	0.00%	3.87
Corona 66/12 (D)	4.1606	144.61	89.87%	160.91
Corona 66/33 (D)	15.2275	73.13	52.71%	138.75
Cortez 66/12 (D)	1.3495	113.51	101.68%	111.64
Corum 66/12 (D)	0.0031	[redacted]		
Coso 115/12 (D)	0.0017	[redacted]		
Cottonwood 115/33 (D)	0.0405	[redacted]		
Cove P.T. 33/12 (A)	0.0584	[redacted]		
Crater 66/16 (D)	0.1988	29.15	96.59%	30.18
Crest 66/16 (D)	2.9387	58.93	80.95%	72.79
Crestwind U.G.S. 16/4.16 (A)	0.0000	0.00	0.00%	1.95
Crown 66/12 (D)	0.6400	64.04	56.83%	112.70
Crump P.T. 33/12 (A)	0.0006	0.48	25.67%	1.87
Cucamonga 66/12 (D)	8.0274	137.09	93.24%	147.02
Cudahy 66/16 (D)	7.1627	92.33	68.11%	135.55
Cudahy 66/4.16 (D)	0.0219	15.15	53.22%	28.47
Culver 66/16 (D)	15.4371	61.97	70.92%	87.38
Culver 66/4.16 (D)	0.0159	21.58	81.39%	26.51
Cummings 66/12 (D)	0.0069	9.00	35.69%	25.22
Cypress 66/12 (D)	0.9617	81.00	79.29%	102.15
Daeley P.T. 12/4.16 (A)	0.0016	1.24	95.63%	1.30
Daggett 33/12 (A)	0.0000	3.39	56.30%	6.02
Daisy 12/4.16 (D)	0.0000	5.47	75.33%	7.26
Dalton 66/12 (D)	1.2435	61.76	84.91%	72.74
Declez 66/12 (D)	8.3885	109.97	87.95%	125.04
Defrain 33/12 (D)	0.5285	4.28	60.95%	7.02
Deigaard P.T. 16/4.16 (A)	0.0002	[redacted]		
Del Amo 66/12 (D)	3.2455	31.45	43.20%	72.80
Del Rosa 66/12 (D)	1.3133	94.02	82.76%	113.61
Del Sur 66/12 (D)	0.5012	29.74	41.30%	72.02
Delano 66/12 (D)	6.3024	73.91	67.94%	108.78
Delano 66/4.16 (D)	0.0047	2.56	43.03%	5.95
Deluz P.T. 33/12 (A)	0.0120	1.69	86.38%	1.96
Desert Outpost 33/12 (D)	0.0000	11.12	91.51%	12.15
Devers 115/12 (D)	9.1430	32.29	45.41%	71.11
Diamond Bar 66/12 (D)	6.0980	55.24	94.92%	58.20
Dinkey Creek P.T. 12/4.16 (A)	0.0000	[redacted]		
Ditmar 16/4.16 (D)	0.0078	13.79	60.77%	22.69
Ditmar 66/16 (D)	5.8195	53.20	92.10%	57.76
Dolores P.T. 16/4.16 (A)	0.0015	1.40	71.70%	1.95
Dolphin P.T. 16/4.16 (D)	0.0000	[redacted]		
Domeland P.T. 33/12 (A)	0.0000	[redacted]		
Downey 12/4.16 (D)	0.0000	13.86	91.03%	15.23
Downs 115/12 (D)	2.2230	54.11	82.28%	65.76
Duarte 16/4.16 (D)	0.0000	7.18	78.45%	9.15
Dunes 33/12 (D)	0.0606	[redacted]		
Dunn Siding 115/12 (D)	0.0005	[redacted]		
Dysart P.T. 33/12 (A)	0.0000	0.69	76.67%	0.90
Eagle Crest P.T. 33/12 (A)	0.0328	1.44	73.85%	1.95
Eagle Mountain 66/12 (D)	0.0260	[redacted]		
Earlimart 66/12 (D)	0.0217	23.24	42.56%	54.61
East Barstow 33/4.16 (D)	0.0013	1.39	37.04%	3.75
Eaton 66/16 (D)	1.2537	63.06	87.16%	72.35
Edinger 12/4.16 (D)	0.0000	0.00	0.00%	0.00
Edwards 115/33 (D)	40.1625	[redacted]		
Eisenhower 115/12 (D)	1.1631	52.85	91.39%	57.83
Eisenhower 115/33 (D)	2.6800	75.62	53.53%	141.26
El Casco 115/12 (D)	15.8164	49.85	46.20%	107.90
El Nido 66/16 (D)	13.4856	104.39	71.83%	145.32
El Sobrante 33/12 (D)	0.1178	28.03	78.24%	35.83
Elementary P.T. 16/4.16 (A)	0.0000	0.95	73.26%	1.30
Elizabeth Lake 66/16 (D)	9.6652	90.55	83.11%	108.95
Ellis 66/12 (D)	0.0157	48.07	86.71%	55.44
Elsinore 115/12 (D)	4.2216	65.38	89.94%	72.69
Elsinore 115/33 (D)	0.1447	[redacted]		
Ely 66/12 (D)	2.5209	78.98	61.80%	127.80
Emigrant P.T. 33/12 (A)	0.0125	[redacted]		
Eric 66/12 (D)	6.2768	87.13	75.77%	115.00
Escala P.T. 33/12 (A)	0.0001	1.54	23.61%	6.52
Estero 66/16 (D)	3.3540	36.25	64.73%	56.00
Estrella 66/12 (D)	8.7073	104.83	72.22%	145.15
Etiwanda 66/12 (D)	16.6769	104.53	95.90%	109.00
Euclid 12/4.16 (D)	0.0000	4.83	64.94%	7.44
Fair Oaks 16/4.16 (D)	0.0012	9.28	53.81%	17.25
Fairfax 16/4.16 (D)	0.0006	5.99	38.72%	15.47
Fairfax 66/16 (D)	13.6123	88.78	87.11%	101.92
Fairview 66/12 (D)	6.8173	101.20	82.04%	123.35
Falcon Ridge 66/12 (D)	0.0415	45.42	62.39%	72.80
Farrell 115/12 (D)	6.4249	113.50	78.21%	145.13
Felton 16/4.16 (D)	0.0044	6.21	67.84%	9.15
Felton 66/16 (D)	0.2697	42.81	73.70%	58.09
Fernwood 66/16 (D)	0.0227	46.05	92.70%	49.68
Fillmore 66/16 (D)	0.0349	37.71	65.58%	57.50
Firehouse 66/12 (D)	14.5738	123.50	96.78%	127.61
Flagstone P.T. 12/4.16 (A)	0.0006	[redacted]		
Floraday 12/4.16 (D)	0.0051	8.45	66.66%	12.68
Fogarty 115/12 (D)	7.3518	50.02	68.70%	72.81
Francis 66/12 (D)	7.3328	112.00	76.94%	145.57
Frazier Park 66/12 (D)	0.0033	7.84	41.22%	19.02
Fremont 16/4.16 (D)	0.0023	8.38	49.00%	17.10
Fremont 66/16 (D)	6.0166	73.30	74.04%	99.00
Fruitland 66/16 (D)	0.0476	45.64	64.82%	70.41
Fruitland 66/4.16 (D)	0.0007	3.89	33.53%	11.60
Fullerton 66/12 (D)	1.3318	91.56	85.81%	106.70
Fullerton 66/4.16 (D)	0.0008	5.79	63.26%	9.15
Gabrielino P.T. 16/4.16 (A)	0.1257	1.19	86.67%	1.37
Gage 16/4.16 (D)	0.0797	3.46	46.52%	7.44
Gale 115/33 (D)	18.5042	[redacted]		
Galileo P.T. 33/12 (A)	0.0003	0.57	43.70%	1.30
Gallatin 66/12 (D)	6.0607	62.42	86.38%	72.26
Ganesha 12/4.16 (D)	0.0059	6.51	109.42%	5.95
Ganesha 66/12 (D)	6.4770	93.60	98.26%	95.26
Garfield 66/4.16 (D)	0.0061	9.10	78.44%	11.60
Garnet 115/33 (D)	156.8531	[redacted]		
Garnet 33/12 (D)	0.8010	[redacted]		
Garvey 16/4.16 (D)	0.0042	8.27	47.51%	17.41
Gavilan 33/12 (D)	3.4370	28.36	86.97%	32.61
Gaviota 66/16 (D)	0.0003	1.64	6.06%	27.07
Genamic 66/12 (D)	0.7255	35.57	97.74%	36.39
Gilbert 66/12 (D)	3.7435	76.91	99.24%	77.50
Gisler 66/12 (D)	20.4622	96.57	92.07%	104.89
Glen Avon 66/12 (D)	4.1710	88.31	92.39%	95.59
Glen Ivy 33/12 (D)	0.0000	0.00	0.00%	0.00
Glennville 66/12 (D)	0.0015	3.16	58.01%	5.45
Goldtown 66/12 (D)	18.1027	35.94	64.18%	56.00
Goleta 66/16 (D)	0.0015	[redacted]		
Gonzales 66/16 (D)	8.1945	83.52	76.77%	108.79

2026											2027							Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
-0.3103	-1.0979	-1.2756	1.2593	0.0830	-0.0328	-1.3743	3.4454	100.70	77.28%	130.30	-0.3811	-1.3820	-1.5518	1.5580	0.1204	-0.0388	-1.6753	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3489	-0.6369	-0.8678	0.8034	0.0827	-0.0222	-0.9897	1.7653	101.39	93.50%	108.43	-0.4521	-0.8111	-1.0472	1.0045	0.1149	-0.0275	-1.2185	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.3401	-0.2600	-0.6528	3.1224	0.1064	-0.0107	0.9652	1.3077	112.44	88.29%	127.35	-1.7156	-0.3305	-0.7972	3.8313	0.1588	-0.0133	1.1335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0122	-0.0015	-0.0079	0.0150	0.0233	0.0021	0.0188	0.0116	2.46	37.85%	6.50	-0.0148	-0.0019	-0.0096	0.0188	0.0292	0.0027	0.0244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0314	-0.0009	-0.0021	0.0029	0.0023	0.0000	-0.0292	0.0000	[redacted]			-0.0379	-0.0012	-0.0026	0.0037	0.0032	0.0000	-0.0348	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.6276	-0.3379	-0.7051	1.5332	0.0778	-0.0261	-0.0857	0.0928	99.79	85.98%	116.06	-0.7970	-0.4246	-0.8529	1.8825	0.1204	-0.0297	-0.1013	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1669	-0.0106	-0.0818	0.6422	0.0413	-0.0008	0.4234	0.0161	17.41	67.53%	25.78	-0.2206	-0.0135	-0.1000	0.7770	0.0611	-0.0009	0.5031	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7788	-0.1885	-0.4364	0.1359	0.0546	-0.0093	-1.2225	4.5696	62.94	87.60%	71.85	-0.9661	-0.2360	-0.5305	0.1717	0.0838	-0.0118	-1.4889	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0084	-0.0004	-0.0037	0.0139	0.0047	0.0000	0.0061	0.0000	0.81	62.31%	1.30	-0.0113	-0.0005	-0.0046	0.0172	0.0065	0.0000	0.0073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1483	-0.3678	-0.5997	1.0462	0.0539	-0.0197	-0.0354	22.3480	81.92	75.44%	108.59	-0.1873	-0.4773	-0.7316	1.2690	0.0799	-0.0231	-0.0704	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0490	-0.5363	-0.7836	0.9273	0.0366	-0.0034	-0.4084	3.6787	61.28	70.20%	87.29	-0.0635	-0.6827	-0.9529	1.1486	0.0495	-0.0035	-0.5045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0046	-0.0026	-0.0358	0.4923	0.0326	-0.0076	0.4743	0.0033	6.39	71.60%	8.92	-0.0069	-0.0064	-0.0423	0.5900	0.0430	-0.0092	0.5682	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3055	-0.1329	-0.2880	0.5844	0.0499	-0.0138	-0.1059	1.6563	45.68	62.93%	72.59	-0.3787	-0.1695	-0.3487	0.7272	0.0725	-0.0179	-0.1151	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0809	-0.0933	-0.0702	0.0492	0.0241	0.0087	-0.1624	0.0330	19.10	73.22%	26.09	-0.0977	-0.1174	-0.0849	0.0633	0.0296	0.0110	-0.1961	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0041	-0.0023	-0.0363	0.1517	0.0266	-0.0035	0.1321	0.0000	5.01	40.54%	12.36	-0.0041	-0.0023	-0.0433	0.1908	0.0368	-0.0041	0.1738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3647	-0.4271	-0.7296	0.4677	0.0612	-0.0213	-1.0138	19.7751	82.54	76.30%	108.17	-0.4313	-0.5337	-0.8875	0.5826	0.0914	-0.0275	-1.2060	0.00	0.00	9.49	16.69	17.19	0.00%	0.00%	13.16%	23.15%	23.84%
0.0000	0.0000	-0.0032	0.0086	0.0083	-0.0017	0.0120	0.0009	0.39	29.90%	1.30	0.0000	0.0000	-0.0039	0.0103	0.0111	-0.0020	0.0155	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3506	-0.3098	-0.5483	0.9866	0.0929	-0.0165	-0.1457	1.4092	57.30	89.35%	64.13	-0.4794	-0.4056	-0.6723	1.2439	0.1313	-0.0203	-0.2024	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.1517	-1.0177	-1.4190	1.3765	0.1285	-0.0151	-2.0985	4.9086	144.91	90.06%	160.91	-1.4317	-1.2938	-1.7210	1.7045	0.1935	-0.0184	-2.5669	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4665	-0.2198	-0.3436	1.0714	0.0953	-0.0019	0.1349	16.3500	74.40	53.62%	138.75	-0.5617	-0.2684	-0.4157	1.3166	0.1243	-0.0052	0.1899	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2969	-0.4662	-0.9082	1.4430	0.0854	-0.0334	-0.1763	1.4143	113.54	101.70%	111.64	-0.3689	-0.5919	-1.1055	1.7667	0.1265	-0.0401	-0.2132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0120	-0.0318	-0.0449	0.0047	0.0026	-0.0008	-0.0822	0.0073	[redacted]			-0.0151	-0.0405	-0.0534	0.0058	0.0040	-0.0010	-0.1002	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0011	-0.0070	-0.0036	0.0325	0.0024	-0.0001	0.0231	0.0037				-0.0016	-0.0105	-0.0043	0.0397	0.0030	0.0001	0.0264	0.00	0.00	0.00	0.00	0.00					
-0.0422	-0.1958	-0.1718	0.1022	0.0466	-0.0386	-0.2996	0.0830				-0.0498	-0.2372	-0.2085	0.1262	0.0602	-0.0492	-0.3583	0.00	0.00	0.00	0.00	0.00					
-0.0275	-0.0068	-0.0191	0.0513	0.0025	-0.0010	-0.0006	0.0584				-0.0299	-0.0076	-0.0229	0.0628	0.0041	-0.0017	0.0048	0.00	0.00	0.00	0.00	0.00					
-0.1221	-0.1835	-0.3808	0.9315	0.0209	0.0007	0.2667	0.9704	30.05	99.57%	30.18	-0.1529	-0.2338	-0.4720	1.1613	0.0309	0.0008	0.3343	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3189	-0.2932	-0.4922	2.0468	0.1691	-0.0029	1.1087	2.9565	59.25	81.39%	72.79	-0.4054	-0.3732	-0.6198	2.5592	0.2309	-0.0030	1.3887	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5518	-0.4290	-1.0078	3.1879	0.0946	-0.0155	1.2784	2.2481	65.93	58.50%	112.70	-0.7565	-0.5799	-1.1985	3.8296	0.1549	-0.0157	1.4339	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0028	0.0050	0.0171	-0.0005	0.0188	0.0011	0.93	49.74%	1.87	0.0000	0.0000	-0.0035	0.0061	0.0219	-0.0006	0.0239	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2215	-1.2529	-1.8145	1.1574	0.0944	-0.0231	-2.0602	9.0427	137.74	93.69%	147.02	-0.2685	-1.5637	-2.1753	1.4505	0.1329	-0.0302	-2.4543	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2166	-0.7387	-1.1830	0.7629	0.0635	-0.0346	-1.3465	7.9077	92.82	68.47%	135.55	-0.2822	-0.9216	-1.4438	0.9850	0.0883	-0.0432	-1.6175	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0201	-0.0127	-0.1034	0.2373	0.0474	-0.0058	0.1427	0.1253	15.30	53.75%	28.47	-0.0258	-0.0145	-0.1259	0.2892	0.0671	-0.0074	0.1827	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0542	-0.3956	-0.6528	0.8825	0.0684	-0.0033	-0.1550	20.1336	66.92	76.58%	87.38	-0.0643	-0.4758	-0.8029	1.1072	0.0901	-0.0066	-0.1523	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0569	-0.0400	-0.1398	0.8631	0.0916	-0.0162	0.7018	0.0247	21.74	81.99%	26.51	-0.0722	-0.0493	-0.1741	1.0388	0.1174	-0.0211	0.8395	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0285	-0.0172	-0.0493	0.1108	0.0165	-0.0088	0.0235	0.0109	9.01	35.73%	25.22	-0.0349	-0.0214	-0.0603	0.1354	0.0240	-0.0109	0.0319	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-1.0523	1.6526	0.0754	-0.0158	0.6599	0.9695	80.99	79.28%	102.15	0.0000	0.0000	-1.2505	2.0241	0.1223	-0.0183	0.8776	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0036	-0.0004	-0.0031	0.0086	0.0043	0.0000	0.0058	0.0033	1.24	95.63%	1.30	-0.0048	-0.0005	-0.0038	0.0103	0.0061	0.0000	0.0073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0062	0.0020	0.0029	-0.0023	-0.0036	0.0000	3.39	56.30%	6.02	0.0000	0.0000	-0.0076	0.0028	0.0040	-0.0030	-0.0038	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0054	-0.0132	-0.0324	0.1902	0.0353	0.0003	0.1748	0.0000	5.51	75.88%	7.26	-0.0076	-0.0171	-0.0394	0.2305	0.0466	0.0008	0.2138	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1930	-0.4605	-0.6471	0.4059	0.0503	-0.0048	-0.8492	1.2671	61.59	84.67%	72.74	-0.2429	-0.5751	-0.7843	0.5043	0.0663	-0.0066	-1.0383	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6331	-1.1243	-1.2531	1.4585	0.1010	-0.0037	-1.4547	8.4287	109.99	87.96%	125.04	-0.7918	-1.3722	-1.5017	2.0527	0.1471	-0.0064	-1.4723	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0715	-0.0063	-0.0194	0.0313	0.0071	-0.0061	-0.0649	0.5285	4.27	60.81%	7.02	-0.0800	-0.0072	-0.0242	0.0387	0.0107	-0.0080	-0.0700	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0014	0.0325	0.0073	-0.0003	0.0381	0.0003	[redacted]			0.0000	0.0000	-0.0016	0.0430	0.0090	-0.0003	0.0501	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.1514	-0.1373	-0.3079	0.7093	0.0364	-0.0044	0.1447	3.2717	31.52	43.29%	72.80	-0.1941	-0.1713	-0.3704	0.8673	0.0565	-0.0052	0.1828	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3528	-0.4450	-0.9547	0.8385	0.0912	-0.0161	-0.8389	1.3668	93.88	82.63%	113.61	-0.4400	-0.5629	-1.1669	1.0301	0.1391	-0.0209	-1.0215	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1150	-0.0406	-0.1119	0.5381	0.0434	0.0259	0.3399	2.6721	32.17	44.67%	72.02	-0.1340	-0.0485	-0.1357	0.7011	0.0541	0.0252	0.4622	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1042	-0.4507	-0.6738	0.3511	0.0447	-0.0184	-0.8513	6.3643	73.80	67.84%	108.78	-0.1265	-0.5533	-0.8153	0.4406	0.0654	-0.0234	-1.0125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0052	-0.0116	-0.0194	0.0219	0.0115	-0.0015	-0.0043	0.0100	2.56	43.03%	5.95	-0.0064	-0.0147	-0.0236	0.0267	0.0154	-0.0019	-0.0045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0859	-0.0011	-0.0057	0.0169	0.0022	-0.0003	-0.0739	0.0514	1.72	87.91%	1.96	-0.1011	-0.0013	-0.0070	0.0209	0.0035	-0.0004	-0.0854	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0117	-0.0040	-0.0444	0.0496	0.0134	-0.0040	-0.0011	0.0000	11.12	91.51%	12.15	-0.0186	-0.0062	-0.0551	0.0585	0.0198	-0.0045	-0.0061	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3648	-0.2965	-0.3579	0.2420	0.0297	-0.0175	-0.7650	9.1990	32.21	45.30%	71.11	-0.4298	-0.3767	-0.4370	0.3267	0.0431	-0.0242	-0.8979	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1001	-0.1186	-0.3348	1.0492	0.0350	-0.0049	0.5258	8.4608	57.99	99.65%	58.20	-0.1229	-0.1508	-0.4060	1.2729	0.0544	-0.0059	0.6417	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0031	-0.0008	-0.0004	0.0008	0.0009	0.0011	-0.0015	0.0000	[redacted]			-0.0038	-0.0010	-0.0005	0.0010	0.0012	0.0013	-0.0018	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0571	-0.0137	-0.0661	1.1843	0.0736	-0.0112	1.1098	0.0152	12.79	56.36%	22.69	-0.0674	-0.0148	-0.0791	1.5371	0.0921	-0.0123	1.4556	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1590	-0.3425	-0.4693	2.3436	0.0527	-0.0181	1.4074	5.9288	52.29	90.52%	57.76	-0.1997	-0.4294	-0.5810	2.8720	0.0753	-0.0244	1.7128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0111	0.0000	-0.0053	0.0291	0.0043	0.0000	0.0170	0.0019	1.41	72.21%	1.95	-0.0145	0.0000	-0.0066	0.0355	0.0064	0.0000	0.0208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0019	-0.0004	-0.0006	0.0330	0.0031	0.0006	0.0338	0.0000	[redacted]			-0.0019	-0.0004	-0.0007	0.0426	0.0038	0.0006	0.0440	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0069	-0.0069	-0.0039	0.0153	0.0033	0.0010	0.0019	0.0000				-0.0070	-0.0071	-0.0045	0.0177	0.0039	0.0010	0.0040	0.00	0.00	0.00	0.00	0.00					
-0.0727	-0.0065	-0.0512	0.2574	0.0324	-0.0021	0.1573	0.0000	13.90	91.30%	15.23	-0.0948	-0.0082	-0.0628	0.3129	0.0464	-0.0028	0.1907	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2149	-0.1503	-0.4563	0.5401	0.0516	-0.0383	-0.2681	2.2498	54.05	82.19%	65.76	-0.2808	-0.1911	-0.5575	0.6508	0.0779	-0.0498	-0.3505	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0365	-0.0036	-0.0250	0.1300	0.0156	-0.0007	0.0798	0.0000	7.16	78.23%	9.15	-0.0458	-0.0043	-0.0300	0.1588	0.0241	-0.0008	0.1020	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1266	-0.0136	-0.0288	0.0211	0.0068	-0.0081	-0.1492	0.1385	[redacted]			-0.1517	-0.0171	-0.0354	0.0260	0.0093	-0.0104	-0.1793	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0060	-0.0018	-0.0025	0.0053	0.0027	0.0000	-0.0023	0.0011				-0.0060	-0.0018	-0.0029	0.0068	0.0034	0.0000	-0.0005	0.00	0.00	0.00	0.00	0.00					
-0.0197	-0.0008	-0.0028	0.0386	0.0028	-0.0008	0.0173	0.0000	0.70	77.78%	0.90	-0.0215	-0.0009	-0.0034	0.0472	0.0042	-0.0013	0.0243	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0367	0.0000	-0.0062	0.0121	0.0028	0.0000	-0.0280	0.1580	1.57	80.51%	1.95	-0.0448	0.0000	-0.0076	0.0147	0.0042	0.0000	-0.0335	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0338	-0.0070	-0.0110	0.0114	0.0049	0.0002	-0.0353	0.1485	[redacted]			-0.0382	-0.0077	-0.0134	0.0139	0.0069	-0.0001	-0.0386	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0880	-0.0878	-0.1775	0.0277	0.0176	-0.0083	-0.3163	0.0406	23.20	42.48%	54.61	-0.1029	-0.1068	-0.2130	0.0351	0.0243	-0.0109	-0.3742	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	0.0000	-0.0079	0.0099	0.0095	-0.0017	0.0094	0.0013	0.00	0.00%	3.75	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3056	-0.1035	-0.2942	1.4798	0.0421	-0.0108	0.8078	1.2792	63.27	87.45%	72.35	-0.3998	-0.1320	-0.3579	1.8111	0.0640	-0.0122	0.9732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0720	-0.1151	-0.1154	0.1141	0.0251	-0.0027	-0.1660	40.4101	[redacted]			-0.0893	-0.1481	-0.1402	0.1428	0.0355	-0.0032	-0.2025	0.93	0.87	0.87	0.87	0.87	[redacted]				
-0.3518	-0.3625	-0.5742	0.4155	0.0484	-0.0248	-0.8494	1.3146	52.85	91.39%	57.83	-0.4173	-0.4474	-0.7033	0.5274	0.0739	-0.0314	-0.9981	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4581	-0.2096	-0.5851	0.5052	0.1278	-0.0160	-0.6358	2.7256	75.52	53.46%	141.26	-0.5572	-0.2554	-0.7155	0.6126	0.1673	-0.0201	-0.7683	0.96	0.96	0.96	0.96	0.95	96.20%	96.00%	95.80%	95.50%	95.30%
-0.2699	-0.0191	-0.1062	0.2540	0.0272	-0.0020	-0.1160	16.3211	50.38	46.69%	107.90	-0.3179	-0.0225	-0.1306	0.3119	0.0417	-0.0039	-0.1213	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1952	-1.0478	-1.5416	1.9251	0.1013	-0.0017	-0.7599	16.8243	107.73	74.13%	145.32	-0.2451	-1.3190	-1.8946	2.4343	0.1322	-0.0011	-0.8933	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2522	-0.0111	-0.1029	0.6806	0.0310	-0.0020	0.3434	0.6424	28.70	80.11%	35.83	-0.2995	-0.0131	-0.1255	0.8250	0.0486	-0.0041	0.4314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0013	0.0000	-0.0030	0.0196	0.0050	0.0000	0.0203	0.0000	0.96	74.03%	1.30	-0.0016	0.0000	-0.0037	0.0236	0.0071	0.0000	0.0254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4554	-0.3799	-0.7225	0.9949	0.0276	-0.0077	-0.5430	12.4135	93.43	85.76%	108.95	-0.5815	-0.4800	-0.8765	1.2359	0.0407	-0.0098	-0.6712	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4734	-0.3481	-0.5088	1.1555	0.0675	-0.0242	-0.1315	0.0373	48.03	86.64%	55.44	-0.6242	-0.4534	-0.6109	1.4220	0.1092	-0.0332	-0.1905	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8595	-0.4794	-0.6251	1.1216	0.0595	-0.0197	-0.8026	5.7160	66.81	91.91%	72.69	-1.0632	-0.6139	-0.7619	1.3821	0.0897	-0.0261	-0.9933	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5992	-0.0068	-0.1824	1.0152	0.1301	-0.0091	0.3478	0.6582	[redacted]			-0.7002	-0.0088	-0.2217	1.2353	0.1508	-0.0165	0.4389	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.3188	-0.4161	-0.6916	1.1079	0.0818	-0.0084	-0.2452	2.5346	78.96	61.78%	127.80	-0.3876	-0.5163	-0.8407	1.3624	0.1191	-0.0121	-0.2752	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	-0.0048	-0.0053	0.0006	0.0003	-0.0003	-0.0095	0.0643	[redacted]			0.0000	-0.0060	-0.0064	0.0007	0.0004	-0.0004	-0.0117	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2189	-0.4875	-0.9205	0.9150	0.0740	-0.0211	-0.6590	8.3468	89.19	77.56%	115.00	-0.2782	-0.6097	-1.1173	1.1277	0.1072	-0.0254	-0.7957	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0481	-0.0007	-0.0054	0.1059	0.0025	-0.0004	0.0538	0.0001	1.55	23.77%	6.52	-0.0569	-0.0009	-0.0066	0.1288	0.0039	-0.0005	0.0678	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1657	-0.2537	-0.3293	0.7025	0.0477	0.0049	0.0064	3.6891	36.64	65.43%	56.00	-0.2048	-0.3234	-0.4046	0.8953	0.0672	0.0074	0.0371	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2627	-1.0384	-1.4931	1.3362	0.7997	-0.0153	-0.6736	9.4526	105.26	72.52%	145.15	-0.3427	-1.2969	-1.8089	1.6344	0.8202	-0.0157	-1.0096	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4578	-0.2540	-0.6142	1.6113	0.2183	-0.0023	0.5013	20.3313	108.60	99.63%	109.00	-0.5734	-0.2931	-0.7286	1.9671	0.2514	-0.0032	0.6202	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0130	-0.0027	-0.0238	0.0634	0.0110	-0.0004	0.0345	0.0000	0.00	0.00%	7.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0727	-0.0044	-0.0373	0.4013	0.0233	-0.0008	0.3094	0.0016	9.36	54.27%	17.25	-0.0936	-0.0055	-0.0454	0.4888	0.0368	-0.0010	0.3801	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0038	-0.0229	-0.0566	0.1240	0.0145	-0.0030	0.0522	0.0011	6.00	38.79%	15.47	-0.0047	-0.0290	-0.0702	0.1501	0.0205	-0.0038	0.0629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0461	-0.5632	-1.0601	0.8235	0.0513	-0.0297	-0.8243	14.1200	89.05	87.37%	101.92	-0.0604	-0.7463	-1.2946	0.9855	0.0722	-0.0355	-1.0791	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2134	-1.2946	-1.6442	0.7380	0.0442	-0.0128	-2.3828	8.6508	102.60	83.18%	123.35	-0.2587	-1.6155	-1.9953	0.9210	0.0586	-0.0124	-2.9023	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3444	-0.0889	-0.2737	0.3924	0.0316	-0.0023	-0.2853	0.1131	44.87	61.63%	72.80	-0.4536	-0.1156	-0.3304	0.4727	0.0486	-0.0029	-0.3812	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9606	-0.3801	-0.8185	0.7199	0.1042	-0.0186	-1.3537	7.8292	114.76	79.07%	145.13	-1.1438	-0.4748	-0.9999	0.8975	0.1579	-0.0251	-1.5882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0401	-0.0042	-0.0353	0.2313	0.0313	-0.0012	0.1818	0.0086	6.25	68.28%	9.15	-0.0522	-0.0053	-0.0441	0.2820	0.0408	-0.0015	0.2197	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0968	-0.4640	-0.7080	0.8464	0.0532	-0.0080	-0.3772	0.2735	42.70	73.51%	58.09	-0.1245	-0.5912	-0.8797	1.0481	0.0703	-0.0101	-0.4871	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1149	-0.4192	-0.7747	0.8751	0.0704	-0.0125	-0.3758	0.0420	46.04	92.68%	49.68	-0.1361	-0.5200	-0.9412	1.1067	0.1015	-0.0188	-0.4079	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4257	-0.1741	-0.3410	0.4029	0.0343	-0.0082	-0.5118	0.0698	37.63	65.44%	57.50	-0.5381	-0.2231	-0.4138	0.5163	0.0489	-0.0101	-0.6199	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2296	-1.0304	-1.5398	0.4710	0.2622	-0.0169	-2.0835	15.3831	123.85	97.05%	127.61	-0.2797	-1.2906	-1.8571	0.5955	0.2853	-0.0180	-2.5646	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0123	-0.0008	-0.0033	0.0147	0.0040	0.0000	0.0023	0.0016	[redacted]			-0.0163	-0.0010	-0.0039	0.0182	0.0067	0.0000	0.0037	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0619	-0.0004	-0.0424	0.1624	0.0253	0.0000	0.0830	0.0074	8.47	66.81%	12.68	-0.0815	-0.0005	-0.0520	0.1954	0.0374	0.0000	0.0988	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3253	-0.0632	-0.2117	0.2814	0.0446	-0.0149	-0.2891	11.6603	53.54	73.54%	72.81	-0.3962	-0.0817	-0.2586	0.3443	0.0688	-0.0175	-0.3409	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4119	-0.6176	-1.0656	1.1867	0.0776	-0.0438	-0.8746	8.1079	112.63	77.37%	145.57	-0.5193	-0.7748	-1.2972	1.4580	0.1159	-0.0532	-1.0706	3.85	4.02	4.61	4.67	8.13	3.71%	3.87%	4.44%	4.50%	7.83%
0.0000	0.0000	-0.0532	0.0312	0.0466	-0.0121	0.0125	0.0044	7.85	41.27%	19.02	0.0000	0.0000	-0.0650	0.0397	0.0608	-0.0149	0.0206	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0262	-0.0026	-0.0563	0.2795	0.0297	-0.0041	0.2200	0.0033	8.45	49.41%	17.10	-0.0352	-0.0033	-0.0681	0.3506	0.0432	-0.0055	0.2817	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0853	-0.6944	-1.0657	0.9661	0.0611	-0.0076	-0.8258	6.7250	73.89	74.64%	99.00	-0.1083	-0.8830	-1.2915	1.2490	0.0818	-0.0100	-0.9620	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0467	-0.3742	-0.6253	0.4335	0.0503	-0.0172	-0.5796	0.2114	45.68	64.87%	70.41	-0.0584	-0.4672	-0.7627	0.5330	0.0714	-0.0208	-0.7047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0043	-0.0086	-0.0269	0.0677	0.0093	-0.0024	0.0348	0.0009	3.90	33.62%	11.60	-0.0055	-0.0109	-0.0329	0.0823	0.0129	-0.0030	0.0429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3227	-0.5705	-0.8522	0.6716	0.0490	-0.0155	-1.0403	1.3973	91.65	85.90%	106.70	-0.4067	-0.7209	-1.0425	0.8227	0.0754	-0.0215	-1.2935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0657	-0.0127	-0.0419	0.1426	0.0167	-0.0025	0.0365	0.0012	5.54	60.52%	9.15	-0.0847	-0.0160	-0.0509	0.1721	0.0259	-0.0031	0.0433	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0023	0.0000	-0.0047	0.0247	0.0049	-0.0006	0.0220	0.1865	1.26	91.77%	1.37	-0.0031	0.0000	-0.0058	0.0296	0.0069	-0.0008	0.0268	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0110	-0.0059	-0.0272	0.0474	0.0094	-0.0015	0.0112	0.0816	3.46	46.52%	7.44	-0.0145	-0.0075	-0.0334	0.0571	0.0134	-0.0019	0.0132	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0432	-0.0154	-0.1465	0.0673	0.1111	-0.0019	-0.0286	21.9855	[redacted]			-0.0518	-0.0176	-0.1739	0.0931	0.1363	-0.0027	-0.0166	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.0000	0.0000	-0.0006	0.0222	0.0009	-0.0003	0.0222	0.0012	0.58	44.47%	1.30	0.0000	0.0000	-0.0007	0.0271	0.0011	-0.0004	0.0271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1195	-0.2496	-0.4898	1.0369	0.0775	-0.0129	0.2426	7.9599	64.56	89.34%	72.26	-0.1450	-0.3079	-0.5925	1.2917	0.1127	-0.0160	0.3430	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0204	-0.0212	-0.0478	0.1047	0.0182	-0.0027	0.0308	0.0138	6.53	109.75%	5.95	-0.0258	-0.0268	-0.0586	0.1266	0.0264	-0.0034	0.0384	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3402	-0.5220	-0.8817	1.1015	0.0732	-0.0196	-0.5888	6.9076	93.94	98.62%	95.26	-0.4305	-0.6577	-1.0697	1.3632	0.1110	-0.0223	-0.7060	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0397	-0.0272	-0.0510	0.3094	0.0206	-0.0041	0.2080	0.0114	9.16	78.95%	11.60	-0.0507	-0.0343	-0.0621	0.3776	0.0318	-0.0048	0.2575	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.7613	-0.4593	-0.6703	0.3059	0.0959	-0.0060	-2.4951	179.9489	[redacted]			-2.1808	-0.5946	-0.8176	0.3868	0.1409	-0.0073	-3.0726	0.00	0.00	0.00	0.00	12.96	[redacted]				
-0.0804	-0.0375	-0.0228	0.0441	0.0010	-0.0012	-0.0968	0.8010				-0.0959	-0.0468	-0.0228	0.0441	0.0010	-0.0012	-0.1216	0.00	0.00	0.00	0.00	0.00					
-0.0157	-0.0022	-0.0445	0.1438	0.0209	-0.0050	0.0973	0.0164	8.30	47.68%	17.41	-0.0204	-0.0027	-0.0551	0.1731	0.0297	-0.0069	0.1177	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4032	-0.1033	-0.2142	0.2106	0.0274	-0.0091	-0.4918	4.0810	28.97	88.84%	32.61	-0.4742	-0.1289	-0.2634	0.2588	0.0408	-0.0134	-0.5803	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0025	-0.0008	-0.0042	0.3174	0.0107	0.0054	0.3260	0.0003	1.73	6.39%	27.07	-0.0025	-0.0008	-0.0050	0.4021	0.0134	0.0053	0.4125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0929	-0.3096	-0.3254	0.3178	0.0243	-0.0030	-0.3888	0.7698	35.54	97.66%	36.39	-0.1131	-0.3865	-0.3809	0.3903	0.0346	-0.0034	-0.4590	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5092	-0.5551	-0.8134	1.6433	0.0905	-0.0199	-0.1638	3.7769	75.88	97.91%	77.50	-0.6342	-0.7028	-0.9855	2.0070	0.1359	-0.0258	-0.2054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2410	-0.8757	-1.1977	1.0136	0.0619	-0.0130	-1.2519	25.8966	101.58	96.84%	104.89	-0.3012	-1.1280	-1.4407	1.2443	0.0866	-0.0154	-1.5544	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9822	-0.1821	-0.4112	0.6242	0.0830	-0.0056	-0.8739	4.1813	92.70	96.98%	95.59	-1.2263	-0.2284	-0.5011	0.7639	0.1256	-0.0070	-1.0733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0357	-0.0031	-0.0214	0.1992	0.0131	-0.0207	0.1314	0.0024	3.19	58.56%	5.45	-0.0442	-0.0039	-0.0256	0.2387	0.0186	-0.0250	0.1586	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0502	-0.1646	-0.2250	0.0596	0.0156	-0.0015	-0.3661	21.7579	39.73	70.95%	56.00	-0.0683	-0.2128	-0.2686	0.0828	0.0215	-0.0017	-0.4471	0.00	0.00	6.78	11.48	15.26	0.00%	0.00%	27.73%	46.95%	62.41%
-0.0053	-0.0049	-0.0257	0.1975	0.0220	0.0038	0.1874	0.0029	[redacted]			-0.0065	-0.0062	-0.0306	0.2469	0.0282	0.0046	0.2364	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2119	-0.4557	-1.0875	1.5758	0.1657	-0.0387	-0.0523	12.3376	103.19	94.85%	108.79	-0.2720	-0.5767	-1.3238	1.9526	0.2295	-0.0462	-0.0366	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023 Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]
Gorman 66/12 (D)		0.0001	2.82	25.94%	10.87	-0.0024	-0.0047	-0.0092	0.0076	0.0016	-0.0017	-0.0088
Goshen 66/12 (D)		0.9971	30.10	41.35%	72.80	-0.0253	-0.0547	-0.0723	0.0440	0.0073	-0.0002	-0.1012
Gould 16/33 (D)		0.0000	[redacted]			-0.0012	-0.0001	-0.0260	0.0531	0.0070	-0.0036	0.0292
Gould 66/16 (D)		0.0006	21.01	58.17%	36.12	-0.0347	-0.0017	-0.0190	0.1186	0.0014	0.0000	0.0646
Graham 16/4.16 (D)		0.2349	8.14	98.81%	8.24	-0.0027	-0.0014	-0.0146	0.0371	0.0029	-0.0010	0.0203
Granada 16/4.16 (D)		0.0127	11.57	89.00%	13.00	-0.0070	-0.0026	-0.0123	0.0697	0.0024	-0.0005	0.0497
Great Lakes 66/12 (D)		0.0003	7.18	58.98%	12.17	-0.0085	-0.0053	-0.0194	0.0165	0.0014	-0.0004	-0.0157
Greening 66/12 (D)		0.0009	39.92	68.70%	58.11	-0.0168	-0.1012	-0.1781	0.1620	0.0056	-0.0022	-0.1307
Hamilton 66/12 (D)		1.2334	54.43	83.57%	65.13	-0.3019	-0.1100	-0.1693	0.5350	0.0127	-0.0031	-0.0366
Hanford 66/12 (D)		2.0371	125.45	86.41%	145.17	-0.2401	-0.1204	-0.3054	0.1055	0.0188	-0.0141	-0.5557
Harper Lake 33/12 (A)		0.0000	[redacted]			-0.0009	-0.0010	-0.0018	0.0000	0.0005	0.0000	-0.0032
Harvard 33/12 (D)		0.0000	1.76	41.73%	4.22	-0.0088	-0.0009	-0.0028	0.0005	0.0027	0.0005	-0.0088
Haskell 66/16 (D)	GNA_2023	0.0024	127.08	96.99%	131.02	-0.1835	-0.0487	-0.1794	0.5855	0.0093	-0.0044	0.1788
Hathaway 66/12 (D)		0.2827	48.97	94.06%	52.07	-0.0465	-0.1087	-0.1726	0.2215	0.0057	-0.0003	-0.1009
Hathaway 66/4.16 (D)		0.0000	8.58	93.74%	9.15	-0.0204	-0.0033	-0.0116	0.0724	0.0025	-0.0004	0.0392
Havasu 66/16 (D)		0.0000	0.65	10.83%	6.00	-0.0009	-0.0001	-0.0004	0.0011	0.0001	0.0000	-0.0002
Haveda 16/4.16 (D)		0.0000	1.23	20.67%	5.95	-0.0006	-0.0002	-0.0017	0.0242	0.0033	0.0000	0.0250
Havilah 66/12 (D)		0.0000	1.07	29.40%	3.64	-0.0005	-0.0006	-0.0020	0.0014	0.0021	-0.0010	-0.0006
Heartwell P.T. 12/4.16 (A)		0.0000	0.99	76.15%	1.30	-0.0026	0.0000	-0.0012	0.0064	0.0008	0.0000	0.0034
Hedda 12/4.16 (D)		0.0000	5.85	78.66%	7.44	-0.0059	-0.0003	-0.0070	0.0402	0.0025	-0.0003	0.0292
Helendale 33/12 (D)		0.1244	11.80	64.84%	18.20	-0.0518	-0.0068	-0.0161	0.0107	0.0005	-0.0007	-0.0642
Hemet 33/12 (D)		0.0000	26.06	88.79%	29.35	-0.0538	-0.0530	-0.0589	0.0235	0.0060	-0.0022	-0.1384
Hesperia 115/12 (D)		0.5991	57.61	79.25%	72.70	-0.2211	-0.0752	-0.1375	0.0709	0.0079	-0.0022	-0.3572
Hi Desert 115/33 (D)		0.0008	[redacted]			-0.3103	-0.0019	-0.0830	0.0745	0.0084	-0.0064	-0.3187
Hi Desert 33/25 (D)		0.0001	7.00	19.38%	36.12	-0.0954	-0.0012	-0.0084	0.0307	0.0041	-0.0007	-0.0709
High P.T. 33/4.16 (A)		0.0000	[redacted]			-0.0007	-0.0018	-0.0042	0.0039	0.0003	-0.0006	-0.0031
Highland 66/12 (D)		1.7653	111.28	88.81%	125.29	-0.2057	-0.1102	-0.2084	0.3143	0.0127	-0.0033	-0.2006
Hinkley 33/12 (D)		0.0381	3.21	55.10%	5.83	-0.0167	-0.0038	-0.0072	0.0030	0.0037	0.0030	-0.0180
Holgate 33/12 (D)		0.0001	1.94	36.88%	5.26	-0.0002	-0.0001	-0.0036	0.0097	0.0016	-0.0004	0.0070
Holiday 33/4.16 (D)		0.0001	9.26	51.99%	17.81	-0.0134	-0.0042	-0.0117	0.0139	0.0009	-0.0008	-0.0153
Homart 115/12 (D)		3.0003	46.30	64.85%	71.39	-0.0361	-0.1433	-0.1971	0.0604	0.0041	-0.0035	-0.3155
Hot Water P.T. 33/12 (A)		0.0000	[redacted]			0.0000	-0.0002	-0.0006	0.0000	0.0023	0.0000	0.0015
Howard 66/4.16 (D)		0.0003	14.79	53.27%	27.77	-0.0024	-0.0013	-0.0199	0.1164	0.0102	-0.0024	0.1006
Hoyt 16/4.16 (D)		0.0001	10.55	76.84%	13.73	-0.0100	-0.0051	-0.0203	0.0506	0.0031	-0.0016	0.0167
Huntington Park 16/4.16 (D)		0.0001	9.14	72.62%	12.59	-0.0036	-0.0117	-0.0226	0.0564	0.0037	-0.0023	0.0199
Huston 33/12 (D)		0.1657	9.36	68.89%	13.59	-0.0169	-0.0138	-0.0198	0.0399	0.0114	-0.0029	-0.0021
Hutt P.T. 33/12 (A)		0.0000	[redacted]			-0.0001	-0.0011	-0.0052	0.0000	0.0420	0.0000	0.0356
Idyllwild P.T. 33/12 (A)		0.0003	8.29	67.52%	12.28	0.0000	0.0000	-0.0124	0.0126	0.0158	-0.0047	0.0113
Imperial 66/12 (D)		0.0015	46.43	95.18%	48.78	-0.0308	-0.1255	-0.1926	0.0913	0.0072	-0.0025	-0.2529
Imperial 66/4.16 (D)		0.0003	12.28	71.87%	17.09	-0.0196	-0.0019	-0.0169	0.0562	0.0043	-0.0006	0.0215
Indian Wells 115/12 (D)		0.0016	107.12	75.43%	142.02	-0.2211	-0.1370	-0.2723	0.1449	0.0077	-0.0053	-0.4831
Industry 66/12 (D)		0.0016	78.01	66.57%	117.18	-0.0691	-0.1625	-0.3207	0.1355	0.0096	-0.0066	-0.4138
Inglewood 66/16 (D)		4.9206	46.55	70.40%	66.12	-0.0047	-0.0349	-0.1546	0.2831	0.0157	-0.0081	0.0965
Inglewood 66/4.16 (D)		0.0001	10.72	72.07%	14.87	-0.0022	-0.0066	-0.0154	0.1040	0.0124	-0.0020	0.0902
Inyokern 115/33 (D)		0.0000	[redacted]			-0.0116	-0.0032	-0.1267	0.0369	0.1062	-0.0006	0.0010
Inyokern 33/12 (D)		0.0001	9.30	81.49%	11.41	-0.0043	-0.0012	-0.0143	0.0287	0.0054	-0.0004	0.0139
Inyokern Town 33/4.8 (D)		0.0000	1.05	70.00%	1.50	0.0000	0.0000	-0.0004	0.0001	0.0009	0.0000	0.0006
Iron Mt. SCE 7/16 (D)		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Irvine 66/12 (D)		3.2481	108.08	83.06%	130.13	-0.1355	-0.0573	-0.2366	0.8676	0.0161	-0.0134	0.4409
Isabella 66/12 (D)	GNA_2023	0.0005	17.58	53.91%	32.61	-0.0381	-0.0217	-0.0426	0.0137	0.0031	-0.0037	-0.0893
Isla Vista 66/16 (D)		0.0009	36.17	62.43%	57.94	-0.0131	-0.0863	-0.1440	0.0658	0.0106	-0.0015	-0.1685
Ivar 16/4.16 (D)		0.0000	6.71	73.31%	9.15	-0.0024	-0.0011	-0.0102	0.0226	0.0021	-0.0011	0.0099
Ivyglen 115/12 (D)		0.9124	51.93	71.30%	72.83	-0.2743	-0.0426	-0.1003	0.2356	0.0086	-0.0032	-0.1762
Jay P.T. 16/4.16 (A)		0.0000	1.34	68.62%	1.95	-0.0060	-0.0002	-0.0021	0.0059	0.0006	0.0000	-0.0018
Jefferson 66/12 (D)		0.0018	129.83	89.85%	144.50	-0.2376	-0.1045	-0.2435	0.4021	0.0196	-0.0041	-0.1680
Jersey 66/16 (D)		2.5963	56.50	77.83%	72.59	-0.0128	-0.1287	-0.2022	0.2988	0.0102	-0.0004	-0.0351
Jessie P.T. 33/4.16 (A)		0.3141	[redacted]			0.0000	0.0000	-0.0013	0.0033	0.0012	-0.0001	0.0031
Johanna 66/12 (D)		9.5075	83.66	88.57%	94.46	-0.0606	-0.2445	-0.2736	0.1502	0.0071	0.0002	-0.4212
Johnsondale P.T. 12/4.16 (A)		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001
Joshua Tree 33/12 (D)		0.0000	6.71	97.99%	6.85	-0.0240	-0.0118	-0.0232	0.0071	0.0009	-0.0006	-0.0516
June Lake 2.4/12 (D)		0.0000	3.30	53.26%	6.20	-0.0020	-0.0027	-0.0040	0.0028	0.0031	-0.0015	-0.0043
Kernville 66/12 (D)		0.0001	5.63	34.39%	16.37	-0.0041	-0.0053	-0.0128	0.0038	0.0033	-0.0025	-0.0176
Kimball 66/12 (D)		4.5868	96.37	67.54%	142.69	-0.1803	-0.0627	-0.1879	0.3430	0.0190	-0.0016	-0.0705
Kliss P.T. 12/4.16 (A)		0.0000	0.87	26.77%	3.25	-0.0024	0.0000	-0.0009	0.0035	0.0007	0.0000	0.0009
Kneeland P.T. 12/4.16 (A)		0.0000	1.02	78.46%	1.30	0.0000	0.0000	-0.0007	0.0060	0.0014	-0.0001	0.0066
Kramer 115/33 (D)		0.1841	[redacted]			-0.0235	-0.0095	-0.0260	0.0328	0.0138	-0.0004	-0.0128
La Canada 16/4.16 (D)		0.0001	7.16	47.05%	15.22	-0.0132	-0.0009	-0.0070	0.0385	0.0012	-0.0001	0.0185
La Canada 66/16 (D)		0.0009	47.43	83.67%	56.69	-0.0338	-0.0356	-0.0733	0.3982	0.0034	-0.0033	0.2556
La Cumbre P.T. 16/4.16 (A)		0.0000	1.12	74.53%	1.50	0.0000	0.0000	-0.0010	0.0198	0.0016	-0.0007	0.0197
La Fresa 66/16 (D)		8.9999	88.45	76.02%	116.35	-0.0148	-0.1338	-0.2788	0.5322	0.0411	-0.0130	0.1329
La Habra 66/12 (D)		1.0066	104.22	79.59%	130.94	-0.1347	-0.1867	-0.3080	0.3577	0.0113	-0.0093	-0.2697
La Mirada 66/12 (D)		2.2244	48.53	93.80%	51.74	-0.0540	-0.1111	-0.2036	0.1680	0.0052	-0.0016	-0.1971
La Palma 66/12 (D)		0.0009	59.60	58.66%	101.61	-0.0801	-0.1034	-0.1994	0.2237	0.0077	-0.0025	-0.1540
La Veta 66/12 (D)		6.7230	95.71	87.23%	109.72	-0.1131	-0.1501	-0.3208	0.3063	0.0110	-0.0062	-0.2729
Lacresta P.T. 33/12 (A)		0.0001	3.77	57.81%	6.52	-0.0292	-0.0014	-0.0051	0.0367	0.0004	0.0000	0.0014
Lafayette 66/12 (D)		0.8123	62.26	77.74%	80.09	-0.1038	-0.1715	-0.2195	0.3873	0.0084	-0.0005	-0.0996
Laguna Bell 66/16 (D)		5.2236	67.49	92.98%	72.59	-0.0259	-0.1844	-0.2609	0.0779	0.0117	-0.0031	-0.3847
Lakeview 115/12 (D)		0.0006	24.33	43.45%	56.00	-0.1184	-0.0173	-0.0368	0.0591	0.0032	-0.0004	-0.1106
Lakewood 66/4.16 (D)		0.0002	17.41	70.23%	24.79	-0.0416	-0.0009	-0.0168	0.1439	0.0048	-0.0012	0.0882
Lampson 66/12 (D)		0.1881	76.47	76.40%	100.09	-0.0571	-0.1447	-0.3018	0.1929	0.0075	-0.0028	-0.3060
Lancaster 66/12 (D)		0.8762	107.36	67.64%	158.73	-0.1137	-0.1352	-0.2995	0.0962	0.0081	-0.0085	-0.4526
Landing 66/16 (D)		0.0000	[redacted]			0.0000	0.0000	-0.0093	0.0119	0.0009	-0.0005	0.0030
Lark Ellen 66/12 (D)		0.0017	63.38	61.02%	103.87	-0.0808	-0.0801	-0.1390	0.1612	0.0058	-0.0017	-0.1346
Las Lomas 66/12 (D)		1.0263	63.75	58.38%	109.20	-0.1328	-0.0316	-0.1151	0.4735	0.0069	-0.0053	0.1956
Latigo 66/16 (D)		1.3145	27.87	78.97%	35.29	-0.0241	-0.0156	-0.0499	0.3023	0.0101	-0.0016	0.2212
Laurel 66/12 (D)		1.1502	31.47	43.39%	72.54	-0.0300	-0.0497	-0.0579	0.0279	0.0091	0.0010	-0.0996
Lawndale 16/4.16 (D)		0.0001	4.79	80.51%	5.95	-0.0055	-0.0016	-0.0077	0.0553	0.0072	-0.0003	0.0474
Layfair 66/12 (D)		4.6788	84.26	88.17%	95.56	-0.0486	-0.1551	-0.2917	0.1704	0.0161	-0.0041	-0.3130
Layfair 66/4.16 (D)		0.0001	3.77	43.93%	8.58	-0.0029	-0.0005	-0.0039	0.0216	0.0012	-0.0001	0.0154
Lemon Cove 66/12 (D)		0.0003	9.53	26.18%	36.40	-0.0106	-0.0071	-0.0148	0.0157	0.0046	-0.0028	-0.0150
Lennox 16/4.16 (D)		0.0746	9.39	64.62%	14.53	-0.0023	-0.0005	-0.0166	0.0622	0.0049	-0.0017	0.0460
Lennox 66/16 (D)		10.1382	55.73	51.59%	108.03	-0.0176	-0.0825	-0.2042	0.2304	0.0063	-0.0092	-0.0768
Levy 66/16 (D)		0.5046	44.96	93.67%	48.00	-0.0236	-0.1060	-0.1342	0.0956	0.0136	0.0015	-0.1531
Liberty 66/12 (D)		0.1769	112.64	77.72%	144.93	-0.1249	-0.0968	-0.2681	0.1601	0.0113	-0.0095	-0.3279
Lighthipe 66/12 (D)		0.9695	47.34	88.31%	53.61	-0.0246	-0.0839	-0.1397	0.1112	0.0134	-0.0009	-0.1245
Limestone 66/12 (D)		5.6217	140.53	80.02%	175.61	-0.2431	-0.3613	-0.4815	0.4653	0.0130	-0.0049	-0.6125
Linden 12/4.16 (D)	GNA_2023	0.0000	6.44	62.52%	10.30	-0.0048	-0.0007	-0.0079	0.0260	0.0061	-0.0007	0.0180
Lindsay 66/12 (D)		0.0008	39.56	54.34%	72.80	-0.0341	-0.0546	-0.1014	0.0412	0.0060	-0.0055	-0.1484
Little Rock 66/12 (D)		0.5614	29.37	40.34%	72.80	-0.1116	-0.0216	-0.0536	0.0384	0.0027	0.0077	-0.1380
Live Oak 66/12 (D)		0.0015	80.04	85.66%	93.43	-0.1200	-0.0532	-0.1273	0.4280	0.0084	-0.0047	0.1312
Lockheed 66/16 (D)	GNA_2023	8.2189	72.11	99.42%	72.53	-0.0456	-0.1013	-0.1732	0.2122	0.0040	-0.0007	-0.1046
Locust 12/4.16 (D)		0.0000	11.63	95.29%	12.20	-0.0051	-0.0137	-0.0301	0.0950	0.0058	-0.0014	0.0505
Long P.T. 12/4.16 (A)		0.0000	1.14	87.69%	1.30	-0.0028	0.0000	-0.0011	0.0041	0.0008	0.0000	0.0010
Longdon 16/4.16 (D)		0.0000	9.90	86.01%	11.51	-0.0231	-0.0065	-0.0206	0.0366	0.0027	-0.0009	-0.0118
Loraine 66/12 (D)		0.0000	0.95	24.41%	3.89	-0.0004	0.0000	-0.0012	0.0031	0.0004	-0.0051	-0.0032
Los Cerritos 12/4.16 (D)	GNA_2023	0.0002	8.54	114.83%	7.44	-0.0030	-0.0034	-0.0137	0.0664	0.0061	-0.0012	0.0512
Los Cerritos 66/12 (D)		0.0008	43.27	78.55%	55.09	-0.0120	-0.1200	-0.2343	0.1259	0.0407	-0.0013	-0.2010
Loucks P.T. 16/12 (A)		0.0000	[redacted]			-0.0013	-0.0001	-0.0004	0.0082	0.0002	0.0000	0.0066
Lucas 66/12 (D)		0.5832	64.91	89.84%	72.25	-0.0562	-0.1134	-0.2347	0.2986	0.0109	-0.0039	-0.0987
Lucas 66/4.16 (D)		0.0001	16.23	84.17%	19.28	-0.0278	-0.0029	-0.0191	0.1093	0.0044	-0.0011	0.0628
Lucerne 33/12 (D)		0.0004	10.25	56.33%	18.20	-0.0527	-0.0045	-0.0226	0.0153	0.0028	-0.0088	-0.0705
Lunada 16/4.16 (D)		0.0000	0.00	0.00%	5.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lunar 33/12 (D)		0.0000	[redacted]			-0.0003	-0.0004	-0.0020	0.0003	0.0006	0.0008	-0.0010
Lundy 55/16 (D)		0.0000	3.59	25.64%	14.00	0.0000	0.0000	-0.0011	0.0005	0.0025	-0.0026	-0.0007
Lynwood 16/4.16 (D)		0.0001	10.29	59.98%	17.15	-0.0072	-0.0034	-0.0158	0.0431	0.0073	-0.0008	0.0232
MacArthur 66/12 (D)		0.2077	82.05	64.71%	126.80	-0.0798	-0.1257	-0.2644	0.5765	0.0141	-0.0043	0.1164
Madrid 16/4.16 (D)		0.4156	4.82	64.81%	7.44	-0.0056	-0.0043	-0.0110	0.0447	0.0058	-0.0006	0.0290
Madrone P.T. 12/4.16 (A)		0.0000	1.80	48.00%	3.75	-0.0018	-0.0003	-0.0019	0.0092	0.0007	0.0000	0.0059
Malibu 66/16 (D)		0.3976	63.45	92.07%	68.91	-0.0552	-0.0648	-0.1579	0.2546	0.0032	-0.0048	-0.0249
Manhattan 16/4.16 (D)		0.0003	6.35	65.65%	9.67	-0.0026	-0.0003	-0.0066	0.1442	0.0089	-0.0012	0.1424
Maraschino 115/12 (D)		0.5390	84.77	77.66%	109.15	-0.2942	-0.0929	-0.2462	0.3235	0.0147	-0.0065	-0.3016
Marina P.T. 12/4.16 (A)		0.0000	[redacted]			-0.0002	-0.0016	-0.0025	0.0049	0.0001	0.0001	0.0008
Marine 66/16 (D)		4.0871	47.17	71.28%	66.18	-0.0226	-0.1079	-0.2330	0.4625	0.0116	-0.0026	0.1080
Marion 66/12 (D)		7.5333	74.83	73.91%	101.24	-0.1089	-0.1157	-0.2576	0.4480	0.0105	-0.0026	-0.0263
Mariposa 66/12 (D)		0.0004	[redacted]			-0.0046	-0.0164	-0.0281	0.0125	0.0029	-0.0002	-0.0339
Marymount 66/16 (D)		0.0002	12.69	43.58%	29.12	-0.0062	-0.0075	-0.0380	0.2953	0.0079	-0.0014	0.2501
Mascot 66/12 (D)		1.1284	30.23	41.83%	72.26	-0.0747	-0.0282	-0.0509	0.0309	0.0058	-0.0020	-0.1191
Maxwell 115/12 (D)		0.8855	104.54	97.70%	107.00	-0.3754	-0.0985	-0.2115	0.1979	0.0212	-0.0041	-0.4704
Mayberry 115/12 (D)		0.6800	110.04	89.57%	122.85	-0.3292	-0.0580	-0.1667	0.1244	0.0159	-0.0077	-0.4213
Mayflower 16/4.16 (D)		0.0001	9.75	67.53%	14.44	-0.0071	-0.0002	-0.0077	0.0556	0.0020	-0.0001	0.0425
Mc Clary P.T. 33/4.16 (A)		0.0046	0.75	41.66%	1.80	-0.0018	-0.0003	-0.0006	0.0010	0.0017	0.0002	0.0002
Mckevett P.T. 16/4.16 (A)		0.0000	0.75	117.06%	0.64	0.0000	0.0000	-0.0006	0.0022	0.0016	-0.0001	0.0031
Mebane P.T. 2.4/12 (A)		0.0000	[redacted]			-0.0007	0.0000	-0.0001	0.0102	0.0001	0.0001	0.0096
Mentone 115/12 (D)		0.0002	31.68	91.25%	34.72	-0.0786	-0.0226	-0.0494	0.0589	0.0019	-0.0012	-0.0910
Merced 66/12 (D)		1.0737	73.41	74.53%	98.49	-0.1246	-0.0478	-0.1223	0.2593	0.0059	-0.0024	-0.0319

Facility	2024 Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]
Gorman 66/12 (D)	0.0016	2.82	25.94%	10.87	-0.0048	-0.0089	-0.0169	0.0158	0.0035	-0.0027	-0.0140
Goshen 66/12 (D)	1.4788	30.53	41.94%	72.80	-0.0500	-0.1003	-0.1363	0.0953	0.0164	-0.0001	-0.1750
Gould 16/33 (D)	0.0001	[redacted]			-0.0012	-0.0001	-0.0427	0.1126	0.0162	-0.0045	0.0803
Gould 66/16 (D)	0.0113	21.16	58.59%	36.12	-0.0504	-0.0024	-0.0395	0.2835	0.0049	-0.0016	0.1945
Graham 16/4.16 (D)	0.3010	8.23	99.90%	8.24	-0.0057	-0.0032	-0.0307	0.0768	0.0074	-0.0024	0.0422
Granada 16/4.16 (D)	0.0167	11.64	89.54%	13.00	-0.0129	-0.0050	-0.0252	0.1429	0.0082	-0.0010	0.1070
Great Lakes 66/12 (D)	0.0032	7.16	58.81%	12.17	-0.0172	-0.0120	-0.0357	0.0312	0.0025	-0.0010	-0.0322
Greening 66/12 (D)	0.0134	39.90	68.66%	58.11	-0.0303	-0.1743	-0.3082	0.3432	0.0127	-0.0046	-0.1615
Hamilton 66/12 (D)	1.2461	54.58	83.80%	65.13	-0.5546	-0.2091	-0.3144	1.1351	0.0342	-0.0036	0.0876
Hanford 66/12 (D)	2.8104	125.81	86.66%	145.17	-0.4475	-0.2209	-0.5858	0.2266	0.0580	-0.0302	-0.9998
Harper Lake 33/12 (A)	0.0000	[redacted]			-0.0023	-0.0023	-0.0034	0.0000	0.0011	0.0000	-0.0069
Harvard 33/12 (D)	0.0000	1.76	41.73%	4.22	-0.0172	-0.0016	-0.0052	0.0010	0.0058	0.0020	-0.0152
Haskell 66/16 (D)	0.2653	127.74	97.50%	131.02	-0.3068	-0.0866	-0.3460	1.2473	0.0216	-0.0088	0.5207
Hathaway 66/12 (D)	0.2958	48.97	68.18%	71.83	-0.0831	-0.2036	-0.3128	0.4660	0.0150	0.0004	-0.1181
Hathaway 66/4.16 (D)	0.0003	8.63	94.28%	9.15	-0.0360	-0.0064	-0.0231	0.1500	0.0059	-0.0009	0.0895
Havasu 66/16 (D)	0.0000	0.65	10.83%	6.00	-0.0017	-0.0002	-0.0008	0.0023	0.0002	0.0000	-0.0002
Haveda 16/4.16 (D)	0.0002	1.25	21.01%	5.95	-0.0019	-0.0003	-0.0040	0.0477	0.0056	-0.0002	0.0469
Havilah 66/12 (D)	0.0005	1.07	29.40%	3.64	-0.0006	-0.0008	-0.0038	0.0029	0.0044	-0.0014	0.0007
Heartwell P.T. 12/4.16 (A)	0.0004	1.00	76.92%	1.30	-0.0045	0.0000	-0.0024	0.0131	0.0017	0.0000	0.0079
Hedda 12/4.16 (D)	0.0000	5.89	79.20%	7.44	-0.0104	-0.0006	-0.0137	0.0819	0.0061	-0.0009	0.0624
Helendale 33/12 (D)	0.1567	11.79	64.78%	18.20	-0.0913	-0.0128	-0.0315	0.0237	0.0019	-0.0014	-0.1114
Hemet 33/12 (D)	0.0000	25.93	88.35%	29.35	-0.0979	-0.0945	-0.1193	0.0519	0.0122	-0.0060	-0.2536
Hesperia 115/12 (D)	0.7904	57.54	79.15%	72.70	-0.3973	-0.1408	-0.2561	0.1601	0.0199	-0.0038	-0.6180
Hi Desert 115/33 (D)	0.0343	[redacted]			-0.5920	-0.0033	-0.1623	0.1598	0.0196	-0.0143	-0.5925
Hi Desert 33/25 (D)	0.0017	6.93	19.19%	36.12	-0.1879	-0.0023	-0.0179	0.0638	0.0091	-0.0021	-0.1373
High P.T. 33/4.16 (A)	0.0000	[redacted]			-0.0017	-0.0043	-0.0078	0.0071	0.0009	-0.0011	-0.0069
Highland 66/12 (D)	5.3884	113.82	90.84%	125.29	-0.3682	-0.2036	-0.4088	0.6617	0.0314	-0.0064	-0.2939
Hinkley 33/12 (D)	0.0673	3.23	55.44%	5.83	-0.0324	-0.0069	-0.0135	0.0075	0.0078	0.0044	-0.0331
Holgate 33/12 (D)	0.0010	1.95	37.07%	5.26	-0.0004	-0.0001	-0.0065	0.0200	0.0048	-0.0012	0.0166
Holiday 33/4.16 (D)	0.0018	9.25	51.93%	17.81	-0.0247	-0.0080	-0.0227	0.0285	0.0030	-0.0016	-0.0255
Homart 115/12 (D)	3.0112	46.06	64.52%	71.39	-0.0674	-0.2662	-0.3576	0.1380	0.0097	-0.0066	-0.5501
Hot Water P.T. 33/12 (A)	0.0000	[redacted]			0.0000	-0.0004	-0.0010	0.0000	0.0047	0.0000	0.0033
Howard 66/4.16 (D)	0.0040	14.72	53.02%	27.77	-0.0059	-0.0025	-0.0373	0.2426	0.0225	-0.0043	0.2151
Hoyt 16/4.16 (D)	0.0018	10.57	76.98%	13.73	-0.0199	-0.0099	-0.0405	0.1031	0.0077	-0.0031	0.0374
Huntington Park 16/4.16 (D)	0.0016	9.17	72.86%	12.59	-0.0075	-0.0234	-0.0428	0.1154	0.0095	-0.0047	0.0465
Huston 33/12 (D)	0.2178	9.43	69.40%	13.59	-0.0329	-0.0262	-0.0387	0.0857	0.0242	-0.0044	0.0077
Hutt P.T. 33/12 (A)	0.0000	[redacted]			-0.0002	-0.0020	-0.0100	0.0000	0.0830	0.0000	0.0708
Idyllwild P.T. 33/12 (A)	0.0061	8.31	67.69%	12.28	0.0000	0.0000	-0.0245	0.0269	0.0361	-0.0088	0.0297
Imperial 66/12 (D)	0.0240	46.27	94.85%	48.78	-0.0562	-0.2315	-0.3546	0.1979	0.0171	-0.0060	-0.4333
Imperial 66/4.16 (D)	0.0044	12.32	72.10%	17.09	-0.0355	-0.0039	-0.0346	0.1164	0.0114	-0.0010	0.0528
Indian Wells 115/12 (D)	0.0235	106.76	75.17%	142.02	-0.4105	-0.2507	-0.5138	0.3082	0.0273	-0.0103	-0.8498
Industry 66/12 (D)	0.0246	77.73	66.33%	117.18	-0.1226	-0.2954	-0.5846	0.2974	0.0221	-0.0131	-0.6962
Inglewood 66/16 (D)	8.6815	50.60	76.53%	66.12	-0.0120	-0.0815	-0.2863	0.5601	0.0352	-0.0149	0.2006
Inglewood 66/4.16 (D)	0.0015	10.83	72.81%	14.87	-0.0039	-0.0129	-0.0278	0.2117	0.0297	-0.0037	0.1931
Inyokern 115/33 (D)	0.0005	[redacted]			-0.0219	-0.0055	-0.2236	0.0759	0.2193	-0.0013	0.0429
Inyokern 33/12 (D)	0.0010	9.32	81.66%	11.41	-0.0077	-0.0023	-0.0278	0.0613	0.0120	-0.0015	0.0340
Inyokern Town 33/4.8 (D)	0.0000	1.05	70.00%	1.50	0.0000	0.0000	-0.0007	0.0002	0.0020	0.0000	0.0015
Iron Mt. SCE 7/16 (D)	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Irvine 66/12 (D)	4.6949	108.50	83.38%	130.13	-0.2647	-0.1203	-0.4413	1.6751	0.0400	-0.0244	0.8644
Isabella 66/12 (D)	0.0077	17.51	53.70%	32.61	-0.0698	-0.0412	-0.0851	0.0316	0.0079	-0.0072	-0.1638
Isla Vista 66/16 (D)	0.0089	36.03	62.18%	57.94	-0.0231	-0.1580	-0.2837	0.1372	0.0198	-0.0029	-0.3107
Ivar 16/4.16 (D)	0.0004	6.72	73.42%	9.15	-0.0055	-0.0030	-0.0205	0.0451	0.0051	-0.0021	0.0191
Ivyglen 115/12 (D)	1.7906	52.80	72.49%	72.83	-0.4918	-0.0785	-0.1962	0.4877	0.0210	-0.0069	-0.2647
Jay P.T. 16/4.16 (A)	0.0000	1.35	69.14%	1.95	-0.0073	-0.0003	-0.0044	0.0148	0.0017	-0.0003	0.0042
Jefferson 66/12 (D)	0.4897	131.12	90.74%	144.50	-0.4334	-0.1933	-0.4761	0.8390	0.0506	-0.0079	-0.2211
Jersey 66/16 (D)	2.7707	56.81	78.26%	72.59	-0.0225	-0.2227	-0.3709	0.6904	0.0238	-0.0025	0.0956
Jessie P.T. 33/4.16 (A)	0.3144	[redacted]			0.0000	0.0000	-0.0023	0.0067	0.0036	-0.0003	0.0077
Johanna 66/12 (D)	10.0784	83.94	88.87%	94.46	-0.1180	-0.4489	-0.4948	0.3130	0.0187	0.0015	-0.7285
Johnsondale P.T. 12/4.16 (A)	0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001
Joshua Tree 33/12 (D)	0.0000	6.67	97.40%	6.85	-0.0463	-0.0218	-0.0435	0.0162	0.0028	-0.0011	-0.0937
June Lake 2.4/12 (D)	0.0000	3.29	53.10%	6.20	-0.0038	-0.0050	-0.0073	0.0059	0.0079	-0.0022	-0.0045
Kernville 66/12 (D)	0.0018	5.61	34.27%	16.37	-0.0080	-0.0101	-0.0244	0.0081	0.0056	-0.0055	-0.0343
Kimball 66/12 (D)	22.9581	113.30	79.40%	142.69	-0.3061	-0.1172	-0.3440	0.7458	0.0446	-0.0028	0.0203
Kliss P.T. 12/4.16 (A)	0.0004	0.88	27.08%	3.25	-0.0042	0.0000	-0.0018	0.0073	0.0015	0.0000	0.0028
Kneeland P.T. 12/4.16 (A)	0.0003	1.03	79.23%	1.30	-0.0006	-0.0001	-0.0016	0.0135	0.0041	-0.0003	0.0150
Kramer 115/33 (D)	8.3995	[redacted]			-0.0333	-0.0118	-0.0488	0.0683	0.0361	-0.0014	0.0091
La Canada 16/4.16 (D)	0.0013	7.18	47.18%	15.22	-0.0235	-0.0017	-0.0152	0.0795	0.0031	-0.0002	0.0420
La Canada 66/16 (D)	0.8495	48.68	85.88%	56.69	-0.0624	-0.0676	-0.1446	0.8189	0.0086	-0.0063	0.5466
La Cumbre P.T. 16/4.16 (A)	0.0000	1.14	75.86%	1.50	0.0000	0.0000	-0.0021	0.0403	0.0043	-0.0011	0.0414
La Fresa 66/16 (D)	11.1610	90.95	78.17%	116.35	-0.0317	-0.2679	-0.5147	1.1207	0.0790	-0.0248	0.3606
La Habra 66/12 (D)	1.0158	104.07	79.48%	130.94	-0.2508	-0.3422	-0.5797	0.7421	0.0301	-0.0178	-0.4183
La Mirada 66/12 (D)	2.2375	48.46	93.66%	51.74	-0.0974	-0.2018	-0.3555	0.3744	0.0114	-0.0026	-0.2715
La Palma 66/12 (D)	0.0096	59.53	58.59%	101.61	-0.1507	-0.1879	-0.3693	0.4579	0.0182	-0.0048	-0.2366
La Veta 66/12 (D)	6.9591	95.82	87.33%	109.72	-0.2144	-0.2793	-0.5562	0.6352	0.0249	-0.0120	-0.4018
Lacresta P.T. 33/12 (A)	0.0019	3.82	58.57%	6.52	-0.0382	-0.0018	-0.0097	0.0920	0.0018	-0.0018	0.0423
Lafayette 66/12 (D)	0.8178	62.34	77.84%	80.09	-0.1893	-0.3146	-0.3944	0.8482	0.0208	-0.0007	-0.0300
Laguna Bell 66/16 (D)	9.4889	71.61	98.65%	72.59	-0.0485	-0.3339	-0.4690	0.1855	0.0258	-0.0056	-0.6457
Lakeview 115/12 (D)	0.0072	24.26	43.32%	56.00	-0.2174	-0.0304	-0.0744	0.1265	0.0077	-0.0008	-0.1888
Lakewood 66/4.16 (D)	0.0021	16.81	67.81%	24.79	-0.0725	-0.0017	-0.0340	0.2943	0.0118	-0.0037	0.1942
Lampson 66/12 (D)	0.2572	76.36	76.29%	100.09	-0.1088	-0.2598	-0.5254	0.4095	0.0177	-0.0061	-0.4729
Lancaster 66/12 (D)	1.5237	107.63	67.81%	158.73	-0.2118	-0.2642	-0.5676	0.1926	0.0193	-0.0175	-0.8492
Landing 66/16 (D)	0.0000	[redacted]			0.0000	0.0000	-0.0160	0.0245	0.0022	-0.0018	0.0089
Lark Ellen 66/12 (D)	0.0259	63.31	60.95%	103.87	-0.1446	-0.1482	-0.2751	0.3343	0.0148	-0.0033	-0.2221
Las Lomas 66/12 (D)	2.0613	65.14	59.65%	109.20	-0.2483	-0.0678	-0.2248	0.9599	0.0209	-0.0110	0.4289
Latigo 66/16 (D)	1.3175	28.13	79.70%	35.29	-0.0483	-0.0293	-0.0940	0.6229	0.0217	-0.0027	0.4703
Laurel 66/12 (D)	1.7285	32.00	44.12%	72.54	-0.0555	-0.0857	-0.1115	0.0562	0.0199	0.0020	-0.1746
Lawndale 16/4.16 (D)	0.0011	4.85	81.52%	5.95	-0.0098	-0.0032	-0.0161	0.1142	0.0180	-0.0008	0.1023
Layfair 66/12 (D)	6.3573	85.86	89.85%	95.56	-0.0881	-0.2858	-0.5391	0.3628	0.0364	-0.0080	-0.5218
Layfair 66/4.16 (D)	0.0016	3.79	44.17%	8.58	-0.0054	-0.0010	-0.0084	0.0441	0.0029	-0.0002	0.0320
Lemon Cove 66/12 (D)	0.0052	9.51	26.13%	36.40	-0.0221	-0.0143	-0.0322	0.0327	0.0073	-0.0066	-0.0352
Lennox 16/4.16 (D)	0.1027	9.47	65.17%	14.53	-0.0065	-0.0037	-0.0348	0.1246	0.0123	-0.0035	0.0884
Lennox 66/16 (D)	15.1736	60.97	56.44%	108.03	-0.0361	-0.1614	-0.3693	0.4524	0.0170	-0.0179	-0.1153
Levy 66/16 (D)	0.5360	46.24	96.33%	48.00	-0.0437	-0.1795	-0.2493	0.2047	0.0250	0.0028	-0.2400
Liberty 66/12 (D)	0.6119	112.86	77.87%	144.93	-0.2201	-0.1803	-0.5042	0.3322	0.0335	-0.0203	-0.5592
Lighthipe 66/12 (D)	1.3005	49.53	92.39%	53.61	-0.0442	-0.1531	-0.2584	0.2532	0.0304	-0.0035	-0.1756
Limestone 66/12 (D)	11.4197	141.90	80.80%	175.61	-0.4485	-0.6652	-0.8665	0.9840	0.0337	-0.0091	-0.9716
Linden 12/4.16 (D)	0.0000	6.47	62.81%	10.30	-0.0082	-0.0016	-0.0164	0.0569	0.0124	-0.0018	0.0413
Lindsay 66/12 (D)	0.0100	39.44	54.18%	72.80	-0.0680	-0.0968	-0.1952	0.0869	0.0155	-0.0114	-0.2690
Little Rock 66/12 (D)	1.8754	31.43	43.17%	72.80	-0.2050	-0.0398	-0.1068	0.0871	0.0075	0.0118	-0.2452
Live Oak 66/12 (D)	0.0210	80.32	85.96%	93.43	-0.2016	-0.0947	-0.2563	0.9091	0.0214	-0.0092	0.3687
Lockheed 66/16 (D)	8.2577	70.74	97.53%	72.53	-0.0773	-0.1844	-0.3175	0.4446	0.0081	-0.0018	-0.1283
Locust 12/4.16 (D)	0.0000	11.70	95.87%	12.20	-0.0096	-0.0269	-0.0567	0.1944	0.0158	-0.0027	0.1143
Long P.T. 12/4.16 (A)	0.0000	1.15	88.46%	1.30	-0.0042	0.0000	-0.0022	0.0096	0.0023	0.0000	0.0055
Longdon 16/4.16 (D)	0.0003	9.90	86.01%	11.51	-0.0432	-0.0130	-0.0416	0.0739	0.0077	-0.0017	-0.0179
Loraine 66/12 (D)	0.0001	0.95	24.41%	3.89	-0.0008	0.0000	-0.0024	0.0063	0.0010	-0.0058	-0.0017
Los Cerritos 12/4.16 (D)	0.0030	6.72	90.36%	7.44	-0.0054	-0.0065	-0.0265	0.1380	0.0118	-0.0037	0.1077
Los Cerritos 66/12 (D)	0.0121	43.22	78.46%	55.09	-0.0231	-0.2251	-0.4156	0.2507	0.1539	-0.0024	-0.2616
Loucks P.T. 16/12 (A)	0.0001	[redacted]			-0.0026	-0.0001	-0.0008	0.0170	0.0005	0.0000	0.0140
Lucas 66/12 (D)	0.7487	67.25	93.08%	72.25	-0.0988	-0.1927	-0.4111	0.6317	0.0273	-0.0106	-0.0542
Lucas 66/4.16 (D)	0.0014	16.32	84.63%	19.28	-0.0475	-0.0055	-0.0380	0.2258	0.0130	-0.0031	0.1447
Lucerne 33/12 (D)	0.0059	10.18	55.95%	18.20	-0.1137	-0.0100	-0.0447	0.0308	0.0065	-0.0136	-0.1447
Lunada 16/4.16 (D)	0.0000	0.00	0.00%	5.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Lunar 33/12 (D)	0.0000	[redacted]			-0.0006	-0.0008	-0.0037	0.0007	0.0013	0.0009	-0.0022
Lundy 55/16 (D)	0.0000	3.59	25.64%	14.00	0.0000	0.0000	-0.0020	0.0011	0.0048	-0.0030	0.0009
Lynwood 16/4.16 (D)	0.0017	10.33	60.22%	17.15	-0.0136	-0.0074	-0.0287	0.0917	0.0155	-0.0012	0.0563
MacArthur 66/12 (D)	0.2734	82.42	65.00%	126.80	-0.1452	-0.2116	-0.4839	1.2110	0.0338	-0.0094	0.3947
Madrid 16/4.16 (D)	0.5395	4.72	63.47%	7.44	-0.0091	-0.0074	-0.0204	0.1025	0.0105	-0.0009	0.0752
Madrone P.T. 12/4.16 (A)	0.0000	1.81	48.27%	3.75	-0.0033	-0.0005	-0.0040	0.0188	0.0017	0.0000	0.0127
Malibu 66/16 (D)	2.4771	65.79	95.47%	68.91	-0.0957	-0.1174	-0.2913	0.5370	0.0109	-0.0095	0.0340
Manhattan 16/4.16 (D)	0.0011	6.50	67.20%	9.67	-0.0064	-0.0013	-0.0151	0.2934	0.0149	-0.0024	0.2831
Maraschino 115/12 (D)	1.4883	87.93	80.56%	109.15	-0.4911	-0.1686	-0.4617	0.6795	0.0333	-0.0180	-0.4266
Marina P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0004	-0.0030	-0.0042	0.0102	0.0002	0.0002	0.0030
Marine 66/16 (D)	4.1211	47.45	71.70%	66.18	-0.0412	-0.2006	-0.3913	0.9568	0.0225	-0.0057	0.3405
Marion 66/12 (D)	8.2978	75.78	74.85%	101.24	-0.1998	-0.2081	-0.4619	0.9386	0.0249	-0.0066	0.0871
Mariposa 66/12 (D)	0.0063	[redacted]			-0.0118	-0.0337	-0.0540	0.0282	0.0068	-0.0003	-0.0648
Marymount 66/16 (D)	0.0033	12.93	44.41%	29.12	-0.0197	-0.0185	-0.0713	0.5700	0.0255	-0.0027	0.4833
Mascot 66/12 (D)	2.7077	31.79	43.99%	72.26	-0.1447	-0.0512	-0.1019	0.0635	0.0161	-0.0035	-0.2217
Maxwell 115/12 (D)	1.7425	105.09	98.21%	107.00	-0.6801	-0.1848	-0.4138	0.4088	0.0505	-0.0078	-0.8272
Mayberry 115/12 (D)	0.8854	109.07	88.78%	122.85	-0.5699	-0.1040	-0.3383	0.2730	0.0390	-0.0189	-0.7191
Mayflower 16/4.16 (D)	0.0018	9.80	67.87%	14.44	-0.0120	-0.0004	-0.0167	0.1154	0.0056	-0.0004	0.0915
Mc Clary P.T. 33/4.16 (A)	0.0059	0.75	41.66%	1.80	-0.0034	-0.0005	-0.0012	0.0021	0.0034	0.0006	0.0010
Mckevett P.T. 16/4.16 (A)	0.0000	0.56	87.40%	0.64	0.0000	0.0000	-0.0012	0.0045	0.0035	-0.0002	0.0066
Mebane P.T. 2.4/12 (A)	0.0000	[redacted]			-0.0014	0.0000	-0.0002	0.0212	0.0002	0.0001	0.0199
Mentone 115/12 (D)	0.0021	31.65	91.16%	34.72	-0.1251	-0.0369	-0.0957	0.1358	0.0064	-0.0042	-0.1197
Merced 66/12 (D)	2.3177	74.82	75.97%	98.49	-0.2194	-0.0899	-0.2423	0.5375	0.0158	-0.0047	-0.0030

Facility	2025 Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]	Facility Loading Limit (MW) [26]
Gorman 66/12 (D)	2.7069	5.60	30.78%	18.20	-0.0056	-0.0104	-0.0245	0.0244	0.0060	-0.0040	-0.0141	2.7078	5.60	30.78%	18.20
Goshen 66/12 (D)	1.8047	36.25	49.79%	72.80	-0.0901	-0.1771	-0.2152	0.1591	0.0250	0.0005	-0.2978	2.2552	37.42	51.40%	72.80
Gould 16/33 (D)	0.0001	[redacted]			-0.0012	-0.0001	-0.0545	0.1826	0.0235	-0.0046	0.1457	0.0002	[redacted]		
Gould 66/16 (D)	0.0167	21.30	58.97%	36.12	-0.0687	-0.0031	-0.0605	0.4412	0.0090	-0.0034	0.3145	0.0301	21.43	59.33%	36.12
Graham 16/4.16 (D)	0.3244	7.79	94.56%	8.24	-0.0091	-0.0051	-0.0467	0.1128	0.0132	-0.0038	0.0613	0.3405	7.83	95.04%	8.24
Granada 16/4.16 (D)	0.0182	11.71	90.08%	13.00	-0.0184	-0.0075	-0.0382	0.2154	0.0162	-0.0015	0.1660	0.0192	11.77	90.54%	13.00
Great Lakes 66/12 (D)	0.0044	7.15	58.73%	12.17	-0.0245	-0.0171	-0.0524	0.0483	0.0051	-0.0014	-0.0420	0.0059	7.14	58.65%	12.17
Greening 66/12 (D)	0.0192	39.86	68.60%	58.11	-0.0444	-0.2529	-0.4398	0.5122	0.0234	-0.0071	-0.2086	0.0295	39.80	68.49%	58.11
Hamilton 66/12 (D)	1.2561	54.91	84.31%	65.13	-0.7449	-0.2795	-0.4398	1.8068	0.0678	-0.0127	0.3977	1.3791	55.30	84.91%	65.13
Hanford 66/12 (D)	3.0961	125.65	86.55%	145.17	-0.6581	-0.3283	-0.8671	0.3518	0.1129	-0.0464	-1.4352	3.3677	125.52	86.46%	145.17
Harper Lake 33/12 (A)	0.0000	[redacted]			-0.0037	-0.0037	-0.0051	0.0000	0.0023	0.0000	-0.0102	0.0000	[redacted]		
Harvard 33/12 (D)	0.0000	1.76	41.73%	4.22	-0.0197	-0.0018	-0.0073	0.0014	0.0097	0.0021	-0.0156	0.0000	1.75	41.49%	4.22
Haskell 66/16 (D)	0.3513	141.75	97.36%	145.60	-0.4393	-0.1270	-0.5059	1.8941	0.0386	-0.0133	0.8472	0.4415	142.16	97.64%	145.60
Hathaway 66/12 (D)	0.3020	48.96	68.16%	71.83	-0.1243	-0.3054	-0.4452	0.7137	0.0285	0.0007	-0.1320	0.3143	48.95	68.15%	71.83
Hathaway 66/4.16 (D)	0.0004	8.69	94.94%	9.15	-0.0534	-0.0096	-0.0338	0.2267	0.0119	-0.0015	0.1403	0.0007	8.41	91.88%	9.15
Havasu 66/16 (D)	0.0000	0.65	10.83%	6.00	-0.0025	-0.0003	-0.0013	0.0034	0.0004	0.0000	-0.0003	0.0000	0.65	10.83%	6.00
Haveda 16/4.16 (D)	0.0003	1.28	21.51%	5.95	-0.0036	-0.0005	-0.0059	0.0679	0.0085	-0.0002	0.0662	0.0003	1.29	21.68%	5.95
Havilah 66/12 (D)	0.0007	1.08	29.67%	3.64	-0.0007	-0.0010	-0.0056	0.0044	0.0066	-0.0018	0.0019	0.0012	1.08	29.67%	3.64
Heartwell P.T. 12/4.16 (A)	0.0006	1.00	76.92%	1.30	-0.0055	0.0000	-0.0035	0.0202	0.0036	-0.0002	0.0146	0.0010	1.01	77.69%	1.30
Hedda 12/4.16 (D)	0.0000	5.92	79.60%	7.44	-0.0158	-0.0009	-0.0205	0.1216	0.0111	-0.0015	0.0940	0.0000	5.96	80.14%	7.44
Helendale 33/12 (D)	0.1650	11.74	64.51%	18.20	-0.1353	-0.0192	-0.0470	0.0382	0.0040	-0.0020	-0.1613	0.1657	11.69	64.23%	18.20
Hemet 33/12 (D)	0.0000	25.81	87.94%	29.35	-0.1417	-0.1387	-0.1790	0.0820	0.0205	-0.0095	-0.3664	0.0000	25.69	87.53%	29.35
Hesperia 115/12 (D)	0.8577	57.33	78.86%	72.70	-0.5917	-0.2089	-0.3697	0.2634	0.0345	-0.0055	-0.8779	1.7781	58.03	79.83%	72.70
Hi Desert 115/33 (D)	7.0437	[redacted]			-0.7673	-0.0048	-0.2363	0.2631	0.0354	-0.0236	-0.7335	9.1405	[redacted]		
Hi Desert 33/25 (D)	0.0024	6.87	19.02%	36.12	-0.2778	-0.0034	-0.0267	0.0966	0.0144	-0.0035	-0.2004	0.0202	6.83	18.91%	36.12
High P.T. 33/4.16 (A)	0.0000	[redacted]			-0.0027	-0.0070	-0.0112	0.0102	0.0016	-0.0016	-0.0107	0.0000	[redacted]		
Highland 66/12 (D)	7.8994	116.50	92.98%	125.29	-0.5292	-0.2994	-0.6105	1.0220	0.0611	-0.0103	-0.3663	9.2923	115.86	92.47%	125.29
Hinkley 33/12 (D)	0.0807	3.23	55.44%	5.83	-0.0474	-0.0102	-0.0198	0.0134	0.0124	0.0056	-0.0460	0.0866	3.22	55.27%	5.83
Holgate 33/12 (D)	0.0015	1.96	37.26%	5.26	-0.0006	-0.0002	-0.0098	0.0305	0.0071	-0.0021	0.0249	0.0026	1.97	37.45%	5.26
Holiday 33/4.16 (D)	0.0025	9.24	51.88%	17.81	-0.0347	-0.0106	-0.0336	0.0432	0.0060	-0.0025	-0.0322	0.0029	9.24	51.88%	17.81
Homart 115/12 (D)	5.6112	48.32	67.68%	71.39	-0.0995	-0.3979	-0.5149	0.2290	0.0179	-0.0097	-0.7751	6.9452	49.52	69.36%	71.39
Hot Water P.T. 33/12 (A)	0.0000	[redacted]			0.0000	-0.0006	-0.0015	0.0000	0.0072	0.0000	0.0051	0.0101	[redacted]		
Howard 66/4.16 (D)	0.0054	14.84	53.45%	27.77	-0.0107	-0.0045	-0.0553	0.3686	0.0385	-0.0056	0.3310	0.0080	14.56	52.44%	27.77
Hoyt 16/4.16 (D)	0.0027	0.00	0.00%	13.73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Huntington Park 16/4.16 (D)	0.0020	9.20	73.10%	12.59	-0.0110	-0.0351	-0.0626	0.1711	0.0171	-0.0073	0.0722	0.0023	9.23	73.34%	12.59
Huston 33/12 (D)	0.2371	9.47	69.70%	13.59	-0.0484	-0.0393	-0.0573	0.1339	0.0388	-0.0059	0.0218	0.2495	9.50	69.92%	13.59
Hutt P.T. 33/12 (A)	0.0000	[redacted]			-0.0003	-0.0030	-0.0144	0.0000	0.1248	0.0000	0.1071	0.0000	[redacted]		
Idyllwild P.T. 33/12 (A)	0.0083	8.34	67.93%	12.28	0.0000	0.0000	-0.0359	0.0412	0.0600	-0.0127	0.0526	0.0122	8.36	68.09%	12.28
Imperial 66/12 (D)	0.0323	45.89	94.07%	48.78	-0.0845	-0.3451	-0.5134	0.3001	0.0294	-0.0094	-0.6229	0.1599	45.81	93.91%	48.78
Imperial 66/4.16 (D)	0.0064	11.86	69.41%	17.09	-0.0564	-0.0060	-0.0521	0.1696	0.0216	-0.0014	0.0753	0.0111	11.66	68.24%	17.09
Indian Wells 115/12 (D)	0.0325	106.41	74.93%	142.02	-0.5900	-0.3703	-0.7446	0.4750	0.0557	-0.0156	-1.1898	0.0497	106.09	74.70%	142.02
Industry 66/12 (D)	0.0341	77.44	66.09%	117.18	-0.1827	-0.4333	-0.8518	0.4650	0.0415	-0.0198	-0.9811	0.3393	77.49	66.13%	117.18
Inglewood 66/16 (D)	8.6885	50.73	76.73%	66.12	-0.0198	-0.1313	-0.4104	0.8530	0.0532	-0.0203	0.3244	8.7591	50.93	77.03%	66.12
Inglewood 66/4.16 (D)	0.0021	10.94	73.55%	14.87	-0.0056	-0.0186	-0.0400	0.3201	0.0472	-0.0057	0.2974	0.0031	11.04	74.22%	14.87
Inyokern 115/33 (D)	1.3468	[redacted]			-0.0249	-0.0063	-0.3160	0.1177	0.3242	-0.0027	0.0920	1.9931	[redacted]		
Inyokern 33/12 (D)	0.9734	10.36	90.77%	11.41	-0.0115	-0.0035	-0.0416	0.0962	0.0191	-0.0026	0.0561	1.4410	10.88	95.33%	11.41
Inyokern Town 33/4.8 (D)	0.0000	1.05	70.00%	1.50	0.0000	0.0000	-0.0010	0.0003	0.0032	0.0000	0.0025	0.0000	1.05	70.00%	1.50
Iron Mt. SCE 7/16 (D)	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]		
Irvine 66/12 (D)	11.8090	119.48	91.82%	130.13	-0.3684	-0.1806	-0.6487	2.4862	0.0753	-0.0428	1.3210	15.8380	124.34	95.55%	130.13
Isabella 66/12 (D)	0.0109	17.43	53.45%	32.61	-0.1050	-0.0620	-0.1278	0.0526	0.0149	-0.0109	-0.2382	0.0188	17.36	53.24%	32.61
Isla Vista 66/16 (D)	2.2555	38.23	65.98%	57.94	-0.0283	-0.2148	-0.4237	0.2220	0.0292	-0.0067	-0.4223	3.3236	39.21	67.67%	57.94
Ivar 16/4.16 (D)	0.0005	6.73	73.53%	9.15	-0.0091	-0.0050	-0.0309	0.0663	0.0094	-0.0032	0.0275	0.0006	6.74	73.63%	9.15
Ivyglen 115/12 (D)	2.6445	53.63	73.63%	72.83	-0.7257	-0.1171	-0.2914	0.7330	0.0396	-0.0106	-0.3722	15.6423	67.87	93.18%	72.83
Jay P.T. 16/4.16 (A)	0.0000	1.36	69.65%	1.95	-0.0088	-0.0004	-0.0067	0.0237	0.0034	-0.0006	0.0106	0.0000	1.36	69.65%	1.95
Jefferson 66/12 (D)	0.5008	131.09	90.72%	144.50	-0.6233	-0.2849	-0.7089	1.2738	0.0991	-0.0118	-0.2560	0.5239	134.51	93.08%	144.50
Jersey 66/16 (D)	2.8284	56.93	78.43%	72.59	-0.0327	-0.3237	-0.5336	1.0156	0.0358	-0.0030	0.1584	2.8975	56.99	78.51%	72.59
Jessie P.T. 33/4.16 (A)	0.3146	[redacted]			0.0000	0.0000	-0.0034	0.0099	0.0054	-0.0005	0.0114	0.3150	[redacted]		
Johanna 66/12 (D)	12.8369	85.46	90.48%	94.46	-0.1790	-0.6683	-0.7109	0.4783	0.0305	0.0029	-1.0465	14.9515	86.03	91.08%	94.46
Johnsondale P.T. 12/4.16 (A)	0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001	0.0000	[redacted]		
Joshua Tree 33/12 (D)	0.0000	6.63	96.82%	6.85	-0.0653	-0.0298	-0.0633	0.0272	0.0056	-0.0018	-0.1274	0.0000	6.60	96.38%	6.85
June Lake 2.4/12 (D)	0.0000	3.29	53.10%	6.20	-0.0056	-0.0075	-0.0102	0.0091	0.0118	-0.0029	-0.0053	0.0000	3.29	53.10%	6.20
Kernville 66/12 (D)	0.0025	5.73	35.00%	16.37	-0.0121	-0.0152	-0.0360	0.0127	0.0085	-0.0085	-0.0506	0.0043	5.72	34.94%	16.37
Kimball 66/12 (D)	35.9836	127.06	89.05%	142.69	-0.4402	-0.1789	-0.4873	1.1227	0.0762	-0.0043	0.0882	52.1192	110.07	77.14%	142.69
Kliss P.T. 12/4.16 (A)	0.0006	0.88	27.08%	3.25	-0.0064	0.0000	-0.0027	0.0110	0.0028	0.0000	0.0047	0.0010	0.88	27.08%	3.25
Kneeland P.T. 12/4.16 (A)	0.0004	1.04	80.00%	1.30	-0.0006	-0.0001	-0.0023	0.0196	0.0056	-0.0004	0.0218	0.0007	1.04	80.00%	1.30
Kramer 115/33 (D)	8.4006	[redacted]			-0.0394	-0.0125	-0.0708	0.1025	0.0602	-0.0028	0.0372	8.4031	[redacted]		
La Canada 16/4.16 (D)	0.0017	7.21	47.38%	15.22	-0.0354	-0.0025	-0.0235	0.1195	0.0059	-0.0003	0.0637	0.0020	7.23	47.51%	15.22
La Canada 66/16 (D)	0.8545	48.99	86.42%	56.69	-0.0940	-0.1016	-0.2154	1.2234	0.0173	-0.0092	0.8205	0.8614	49.26	86.90%	56.69
La Cumbre P.T. 16/4.16 (A)	0.0001	1.17	77.86%	1.50	0.0000	0.0000	-0.0031	0.0603	0.0072	-0.0015	0.0629	0.0001	1.17	77.86%	1.50
La Fresa 66/16 (D)	11.2127	91.20	78.38%	116.35	-0.0495	-0.4241	-0.7510	1.6884	0.1215	-0.0379	0.5474	11.3520	91.65	78.77%	116.35
La Habra 66/12 (D)	1.0221	103.91	79.36%	130.94	-0.3692	-0.5060	-0.8453	1.1228	0.0594	-0.0261	-0.5644	1.0994	103.75	79.24%	130.94
La Mirada 66/12 (D)	2.2436	48.38	93.51%	51.74	-0.1472	-0.2946	-0.5070	0.5751	0.0214	-0.0034	-0.3557	2.3470	48.41	93.57%	51.74
La Palma 66/12 (D)	6.8765	66.81	65.75%	101.61	-0.2144	-0.2651	-0.5238	0.7058	0.0383	-0.0079	-0.2671	10.0861	70.14	69.03%	101.61
La Veta 66/12 (D)	7.0497	95.77	87.29%	109.72	-0.3229	-0.4175	-0.7933	0.9590	0.0479	-0.0175	-0.5443	7.1145	95.69	87.21%	109.72
Lacresta P.T. 33/12 (A)	0.0028	3.86	59.19%	6.52	-0.0469	-0.0022	-0.0143	0.1444	0.0028	-0.0035	0.0803	0.0049	3.90	59.80%	6.52
Lafayette 66/12 (D)	0.8209	62.51	78.05%	80.09	-0.2598	-0.4369	-0.5632	1.3531	0.0393	-0.0040	0.1285	0.8258	62.63	78.20%	80.09
Laguna Bell 66/16 (D)	9.5973	71.44	98.42%	72.59	-0.0737	-0.4949	-0.6757	0.2888	0.0414	-0.0081	-0.9222	9.8159	71.39	98.35%	72.59
Lakeview 115/12 (D)	0.0104	24.16	43.14%	56.00	-0.3246	-0.0459	-0.1120	0.1925	0.0152	-0.0012	-0.2760	0.0172	24.06	42.96%	56.00
Lakewood 66/4.16 (D)	0.0035	16.91	68.21%	24.79	-0.1091	-0.0026	-0.0514	0.4382	0.0220	-0.0065	0.2906	0.0068	17.00	68.58%	24.79
Lampson 66/12 (D)	0.3033	76.24	76.17%	100.09	-0.1612	-0.3788	-0.7452	0.6251	0.0340	-0.0096	-0.6357	0.6642	76.45	76.38%	100.09
Lancaster 66/12 (D)	1.7876	108.84	68.57%	158.73	-0.3169	-0.4021	-0.8269	0.2953	0.0351	-0.0269	-1.2424	1.9850	108.63	68.44%	158.73
Landing 66/16 (D)	0.0004	[redacted]			0.0000	0.0000	-0.0223	0.0372	0.0039	-0.0030	0.0158	0.0377	[redacted]		
Lark Ellen 66/12 (D)	0.0331	63.22	60.87%	103.87	-0.2181	-0.2159	-0.4120	0.5045	0.0296	-0.0048	-0.3167	0.0402	63.17	60.82%	103.87
Las Lomas 66/12 (D)	2.8034	63.53	58.18%	109.20	-0.3378	-0.1029	-0.3339	1.4675	0.0422	-0.0205	0.7146	4.3275	67.75	62.04%	109.20
Latigo 66/16 (D)	1.3185	28.38	80.41%	35.29	-0.0717	-0.0433	-0.1344	0.9269	0.0376	-0.0041	0.7110	1.3206	28.61	81.06%	35.29
Laurel 66/12 (D)	1.9333	32.13	44.30%	72.54	-0.0844	-0.1269	-0.1672	0.0874	0.0324	0.0041	-0.2546	2.0943	32.22	44.42%	72.54
Lawndale 16/4.16 (D)	0.0014	4.90	82.36%	5.95	-0.0148	-0.0049	-0.0260	0.1714	0.0265	-0.0012	0.1510	0.0016	4.95	83.20%	5.95
Layfair 66/12 (D)	6.5546	85.86	89.85%	95.56	-0.1306	-0.4264	-0.7790	0.5637	0.0646	-0.0119	-0.7196	6.7219	85.82	89.80%	95.56
Layfair 66/4.16 (D)	0.0020	3.80	44.28%	8.58	-0.0080	-0.0015	-0.0131	0.0655	0.0058	-0.0003	0.0484	0.0024	3.82	44.52%	8.58
Lemon Cove 66/12 (D)	0.0075	10.57	29.04%	36.40	-0.0321	-0.0210	-0.0472	0.0502	0.0129	-0.0086	-0.0458	0.0128	10.57	29.04%	36.40
Lennox 16/4.16 (D)	0.1087	9.53	65.58%	14.53	-0.0116	-0.0062	-0.0503	0.1837	0.0265	-0.0049	0.1372	0.1172	9.58	65.93%	14.53
Lennox 66/16 (D)	15.8670	61.67	57.08%	108.03	-0.0536	-0.2425	-0.5232	0.6729	0.0321	-0.0247	-0.1390	16.5283	62.40	57.76%	108.03
Levy 66/16 (D)	0.5484	46.16	96.17%	48.00	-0.0610	-0.2713	-0.3580	0.3004	0.0532	0.0034	-0.3333	0.5681	46.09	96.02%	48.00
Liberty 66/12 (D)	0.7555	112.74	77.79%	144.93	-0.3253	-0.2714	-0.7430	0.4973	0.0666	-0.0307	-0.8065	1.0722	112.82	77.85%	144.93
Lighthipe 66/12 (D)	1.4288	49.59	92.50%	53.61	-0.0657	-0.2270	-0.3752	0.3818	0.0488	-0.0057	-0.2430	1.5656	49.64	92.60%	53.61
Limestone 66/12 (D)	14.6362	144.50	82.29%	175.61	-0.6756	-1.0000	-1.2486	1.5169	0.0618	-0.0137	-1.3592	17.9034	146.92	83.66%	175.61
Linden 12/4.16 (D)	0.0000	5.97	57.96%	10.30	-0.0121	-0.0025	-0.0250	0.0870	0.0200	-0.0030	0.0644	0.0000	6.00	58.25%	10.30
Lindsay 66/12 (D)	0.0128	39.30	53.98%	72.80	-0.1033	-0.1465	-0.2993	0.1395	0.0270	-0.0172	-0.3998	0.0951	39.30	53.98%	72.80
Little Rock 66/12 (D)	2.3399	31.83	43.72%	72.80	-0.3040	-0.0593	-0.1595	0.1423	0.0136	0.0156	-0.3513	2.6531	32.13	44.13%	72.80
Live Oak 66/12 (D)	0.0292	80.57	86.23%	93.43	-0.2915	-0.1391	-0.3859	1.3755	0.0425	-0.0137	0.5878	0.0435	81.71	87.45%	93.43
Lockheed 66/16 (D)	8.5156	57.89	79.82%	72.53	-0.1115	-0.2742	-0.4651	0.6702	0.0144	-0.0029	-0.1691	9.5901	58.99	81.33%	72.53
Locust 12/4.16 (D)	0.0002	11.76	96.36%	12.20	-0.0146	-0.0409	-0.0826	0.2917	0.0264	-0.0041	0.1759	0.0006	12.07	98.90%	12.20
Long P.T. 12/4.16 (A)	0.0000	1.15	88.46%	1.30	-0.0058	0.0000	-0.0033	0.0148	0.0043	0.0000	0.0100	0.0000	1.16	89.23%	1.30
Longdon 16/4.16 (D)	0.0005	9.89	85.92%	11.51	-0.0671	-0.0199	-0.0627	0.1098	0.0143	-0.0024	-0.0280	0.0008	9.89	85.92%	11.51
Loraine 66/12 (D)	0.0001	0.95	24.41%	3.89	-0.0012	0.0000	-0.0036	0.0094	0.0018	-0.0065	-0.0001	0.0002	0.95	24.41%	3.89
Los Cerritos 12/4.16 (D)	0.0038	6.78	91.16%	7.44	-0.0081	-0.0098	-0.0372	0.2035	0.0207	-0.0064	0.1627	0.0052	6.84	91.97%	7.44
Los Cerritos 66/12 (D)	0.0169	43.13	78.29%	55.09	-0.0349	-0.3405	-0.5987	0.3758	0.2543	-0.0038	-0.3478	0.0272	42.95	77.97%	55.09
Loucks P.T. 16/12 (A)	0.0001	[redacted]			-0.0039	-0.0001	-0.0012	0.0255	0.0011	0.0000	0.0214	0.0009	[redacted]		
Lucas 66/12 (D)	0.8086	67.32	93.17%	72.25	-0.1498	-0.2949	-0.5852	0.9510	0.0517	-0.0168	-0.0440	0.8575	67.79	93.82%	72.25
Lucas 66/4.16 (D)	0.0020	16.42	85.15%	19.28	-0.0645	-0.0079	-0.0569	0.3404	0.0260	-0.0063	0.2308	0.0035	16.49	85.52%	19.28
Lucerne 33/12 (D)	0.0083	10.13	55.67%	18.20	-0.1505	-0.0140	-0.0668	0.0478	0.0108	-0.0198	-0.1925	0.0128	10.10	55.51%	18.20
Lunada 16/4.16 (D)	0.0000	0.00	0.00%	5.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Lunar 33/12 (D)	0.0000	[redacted]			-0.0009	-0.0012	-0.0053	0.0011	0.0021	0.0010	-0.0032	0.0000	[redacted]		
Lundy 55/16 (D)	0.0000	3.60	25.71%	14.00	0.0000	0.0000	-0.0028	0.0016	0.0087	-0.0034	0.0041	0.0000	3.60	25.71%	14.00
Lynwood 16/4.16 (D)	0.0024	10.36	60.39%	17.15	-0.0212	-0.0116	-0.0415	0.1378	0.0250	-0.0016	0.0869	0.0039	10.39	60.57%	17.15
MacArthur 66/12 (D)	0.3052	82.73	65.24%	126.80	-0.2171	-0.3040	-0.6999	1.8246	0.0582	-0.0145	0.6473	0.3352	83.88	66.15%	126.80
Madrid 16/4.16 (D)	0.5827	4.82	64.81%	7.44	-0.0130	-0.0107	-0.0293	0.1592	0.0161	-0.0012	0.1211	0.6108	4.89	65.75%	7.44
Madrone P.T. 12/4.16 (A)	0.0002	1.81	48.27%	3.75	-0.0049	-0.0008	-0.0062	0.0279	0.0034	0.0000	0.0194	0.0007	0.00	0.00%	3.75
Malibu 66/16 (D)	2.4868	65.89	95.61%	68.91	-0.1356	-0.1679	-0.4163	0.8241	0.0223	-0.0154	0.1112	2.5021	65.97	95.73%	68.91
Manhattan 16/4.16 (D)	0.0013	6.64	68.65%	9.67	-0.0106	-0.0024	-0.0241	0.4364	0.0209	-0.0036	0.4166	0.0038	6.77	70.00%	9.67
Maraschino 115/12 (D)	4.6792	91.24	83.59%	109.15	-0.6889	-0.2502	-0.6763	1.0307	0.0657	-0.0287	-0.5477	6.5423	93.08	85.28%	109.15
Marina P.T. 12/4.16 (A)	0.0000	[redacted]			-0.0006	-0.0045	-0.0058	0.0155	0.0003	0.0003	0.0052	0.0000	[redacted]		
Marine 66/16 (D)	4.1331	47.74	72.14%	66.18	-0.0593	-0.2868	-0.5436	1.4714	0.0380	-0.0103	0.6094	4.1761	48.16	72.78%	66.18
Marion 66/12 (D)	8.7329	76.38	75.44%	101.24	-0.2890	-0.3040	-0.6598	1.4223	0.0490	-0.0106	0.2079	8.7429	76.48	75.54%	101.24
Mariposa 66/12 (D)	0.0090	[redacted]			-0.0178	-0.0504	-0.0794	0.0497	0.0101	-0.0004	-0.0882	0.0134	[redacted]		
Marymount 66/16 (D)	0.0047	13.20	45.33%	29.12	-0.0285	-0.0295	-0.1057	0.8643	0.0445	-0.0032	0.7419	0.0080	14.13	48.53%	29.12
Mascot 66/12 (D)	3.2569	32.27	44.66%	72.26	-0.2153	-0.0760	-0.1523	0.0953	0.0301	-0.0053	-0.3235	3.6259	32.56	45.06%	72.26
Maxwell 115/12 (D)	1.7757	104.71	97.86%	107.00	-1.0094	-0.2771	-0.6149	0.6155	0.0932	-0.0114	-1.2041	1.8010	104.33	97.50%	107.00
Mayberry 115/12 (D)	0.9560	107.98	87.90%	122.85	-0.8135	-0.1502	-0.5132	0.4278	0.0793	-0.0298	-0.9996	1.0186	107.65	87.63%	122.85
Mayflower 16/4.16 (D)	0.0030	9.85	68.22%	14.44	-0.0184	-0.0006	-0.0259	0.1711	0.0111	-0.0006	0.1367	0.0471	9.93	68.77%	14.44
Mc Clary P.T. 33/4.16 (A)	0.0066	0.76	42.22%	1.80	-0.0050	-0.0007	-0.0018	0.0032	0.0054	0.0009	0.0020	0.0071	0.76	42.22%	1.80
Mckevett P.T. 16/4.16 (A)	0.0000	0.56	87.40%	0.64	0.0000	0.0000	-0.0018	0.0068	0.0057	-0.0003	0.0104	0.0000	0.57	88.97%	0.64
Mebane P.T. 2.4/12 (A)	0.0000	[redacted]			-0.0021	0.0000	-0.0003	0.0322	0.0004	0.0001	0.0303	0.0000	[redacted]		
Mentone 115/12 (D)	0.0040	31.61	91.05%	34.72	-0.1821	-0.0535	-0.1466	0.2134	0.0155	-0.0057	-0.1590	0.0076	31.57	90.93%	34.72
Merced 66/12 (D)	2.3204	74.84	75.99%	98.49	-0.3291	-0.1349	-0.3619	0.8104	0.0315	-0.0069	0.0091	2.3263	74.83	75.98%	98.49

2026							2027											Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
-0.0064	-0.0120	-0.0314	0.0325	0.0086	-0.0054	-0.0141	2.7107	5.61	30.83%	18.20	-0.0072	-0.0137	-0.0377	0.0401	0.0113	-0.0068	-0.0140	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1176	-0.2488	-0.2809	0.2191	0.0341	0.0001	-0.3940	3.3220	38.46	52.83%	72.80	-0.1400	-0.3042	-0.3332	0.2740	0.0467	0.0001	-0.4566	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0012	-0.0001	-0.0663	0.2501	0.0272	-0.0047	0.2050	0.0005	[redacted]			-0.0012	-0.0001	-0.0780	0.3152	0.0308	-0.0048	0.2619	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0891	-0.0039	-0.0797	0.5828	0.0146	-0.0052	0.4195	0.0658	22.16	61.36%	36.12	-0.1127	-0.0047	-0.0981	0.7102	0.0221	-0.0074	0.5094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0113	-0.0063	-0.0602	0.1441	0.0222	-0.0049	0.0836	0.3420	7.85	95.29%	8.24	-0.0138	-0.0075	-0.0727	0.1760	0.0320	-0.0061	0.1079	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0240	-0.0101	-0.0499	0.2805	0.0260	-0.0019	0.2206	0.0192	11.82	90.92%	13.00	-0.0299	-0.0131	-0.0608	0.3391	0.0402	-0.0023	0.2732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0327	-0.0224	-0.0674	0.0640	0.0079	-0.0017	-0.0523	0.0089	7.13	58.57%	12.17	-0.0420	-0.0279	-0.0828	0.0783	0.0121	-0.0021	-0.0644	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0600	-0.3380	-0.5633	0.6618	0.0364	-0.0089	-0.2720	0.0527	39.76	68.42%	58.11	-0.0759	-0.4302	-0.6783	0.8039	0.0513	-0.0102	-0.3394	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9475	-0.3559	-0.5531	2.4136	0.1200	-0.0225	0.6546	1.5478	55.67	85.47%	65.13	-1.1903	-0.4524	-0.6631	2.9922	0.1941	-0.0333	0.8472	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8651	-0.4354	-1.1213	0.4722	0.1890	-0.0623	-1.8229	3.7070	125.48	86.43%	145.17	-1.0739	-0.5532	-1.3558	0.5859	0.2777	-0.0789	-2.1982	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0049	-0.0052	-0.0064	0.0000	0.0036	0.0000	-0.0129	0.0000	[redacted]			-0.0060	-0.0068	-0.0075	0.0000	0.0052	0.0000	-0.0151	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0273	-0.0026	-0.0096	0.0019	0.0130	0.0033	-0.0213	0.0000	1.74	41.26%	4.22	-0.0343	-0.0035	-0.0118	0.0024	0.0165	0.0046	-0.0261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5766	-0.1692	-0.6574	2.4908	0.0653	-0.0176	1.1353	0.6291	142.64	97.97%	145.60	-0.7219	-0.2132	-0.8047	3.0482	0.0976	-0.0219	1.3841	0.00	0.00	10.68	11.18	11.58	0.00%	0.00%	8.15%	8.53%	8.84%
-0.1692	-0.4125	-0.5721	0.9501	0.0476	0.0012	-0.1549	0.3430	48.99	68.21%	71.83	-0.2159	-0.5185	-0.6864	1.2012	0.0791	0.0014	-0.1391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0729	-0.0129	-0.0419	0.2948	0.0213	-0.0021	0.1863	0.0015	8.46	92.43%	9.15	-0.0951	-0.0163	-0.0499	0.3607	0.0341	-0.0028	0.2307	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0032	-0.0004	-0.0017	0.0044	0.0006	0.0000	-0.0003	0.0000	0.65	10.83%	6.00	-0.0039	-0.0006	-0.0021	0.0053	0.0009	0.0000	-0.0004	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0053	-0.0007	-0.0077	0.0861	0.0127	-0.0002	0.0849	0.0004	1.32	22.19%	5.95	-0.0055	-0.0008	-0.0089	0.1083	0.0185	-0.0004	0.1112	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0008	-0.0012	-0.0074	0.0055	0.0099	-0.0027	0.0033	0.0026	1.08	29.67%	3.64	-0.0009	-0.0014	-0.0092	0.0065	0.0131	-0.0036	0.0045	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0067	0.0000	-0.0045	0.0265	0.0064	-0.0004	0.0213	0.0021	1.02	78.46%	1.30	-0.0098	0.0000	-0.0055	0.0316	0.0093	-0.0004	0.0252	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0221	-0.0012	-0.0266	0.1571	0.0185	-0.0021	0.1236	0.0000	5.99	80.54%	7.44	-0.0264	-0.0015	-0.0324	0.1902	0.0282	-0.0034	0.1547	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1834	-0.0259	-0.0613	0.0531	0.0071	-0.0026	-0.2130	0.1657	11.67	64.12%	18.20	-0.1985	-0.0278	-0.0748	0.0668	0.0112	-0.0065	-0.2296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1866	-0.1916	-0.2308	0.1107	0.0319	-0.0107	-0.4771	0.0000	25.58	87.16%	29.35	-0.2266	-0.2397	-0.2828	0.1391	0.0464	-0.0136	-0.5772	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8113	-0.2789	-0.4779	0.3695	0.0544	-0.0075	-1.1517	8.5953	65.20	89.69%	72.70	-1.0442	-0.3501	-0.5817	0.4729	0.0805	-0.0102	-1.4328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9346	-0.0065	-0.3068	0.3608	0.0565	-0.0324	-0.8630	11.4129	[redacted]			-1.0305	-0.0084	-0.3804	0.4565	0.0870	-0.0498	-0.9256	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.3619	-0.0046	-0.0352	0.1272	0.0198	-0.0049	-0.2596	0.0930	6.83	18.91%	36.12	-0.4533	-0.0061	-0.0434	0.1547	0.0259	-0.0049	-0.3271	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0036	-0.0098	-0.0145	0.0131	0.0027	-0.0020	-0.0141	0.0000	[redacted]			-0.0045	-0.0127	-0.0178	0.0158	0.0041	-0.0025	-0.0176	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.6940	-0.3957	-0.7978	1.3636	0.1027	-0.0152	-0.4364	11.1537	117.79	94.01%	125.29	-0.8734	-0.4970	-0.9819	1.6814	0.1547	-0.0199	-0.5361	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0614	-0.0137	-0.0257	0.0201	0.0172	0.0067	-0.0568	0.0866	3.21	55.10%	5.83	-0.0744	-0.0175	-0.0314	0.0268	0.0227	0.0079	-0.0659	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0008	-0.0003	-0.0126	0.0404	0.0094	-0.0030	0.0331	0.0053	2.79	53.03%	5.26	-0.0010	-0.0004	-0.0153	0.0495	0.0127	-0.0041	0.0414	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0427	-0.0138	-0.0433	0.0573	0.0109	-0.0034	-0.0350	0.0043	9.23	51.82%	17.81	-0.0534	-0.0170	-0.0523	0.0693	0.0166	-0.0040	-0.0408	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1296	-0.5187	-0.6579	0.3308	0.0277	-0.0123	-0.9600	8.5983	51.05	71.51%	71.39	-0.1606	-0.6449	-0.7967	0.4300	0.0404	-0.0149	-1.1467	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	-0.0008	-0.0019	0.0000	0.0096	0.0000	0.0069	0.0511	[redacted]			0.0000	-0.0010	-0.0023	0.0000	0.0120	0.0000	0.0087	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0132	-0.0058	-0.0743	0.4800	0.0552	-0.0080	0.4339	0.0140	13.25	47.72%	27.77	-0.0159	-0.0072	-0.0920	0.5830	0.0744	-0.0107	0.5316	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0149	-0.0472	-0.0823	0.2211	0.0283	-0.0098	0.0952	0.0029	9.25	73.50%	12.59	-0.0193	-0.0596	-0.1008	0.2698	0.0403	-0.0125	0.1179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0631	-0.0529	-0.0750	0.1811	0.0565	-0.0074	0.0392	0.2495	9.52	70.07%	13.59	-0.0772	-0.0672	-0.0921	0.2267	0.0759	-0.0089	0.0572	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	-0.0040	-0.0181	0.0000	0.1303	0.0000	0.1078	0.0000	[redacted]			-0.0005	-0.0051	-0.0212	0.0000	0.1339	0.0000	0.1071	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.0000	0.0000	-0.0467	0.0546	0.0817	-0.0164	0.0732	0.0226	8.39	68.34%	12.28	0.0000	0.0000	-0.0569	0.0669	0.1005	-0.0203	0.0902	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1161	-0.4669	-0.6690	0.3903	0.0503	-0.0118	-0.8232	0.6427	46.11	94.52%	48.78	-0.1509	-0.5948	-0.8117	0.4816	0.0691	-0.0140	-1.0207	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0727	-0.0076	-0.0697	0.2245	0.0365	-0.0025	0.1085	0.0229	11.70	68.48%	17.09	-0.0915	-0.0093	-0.0860	0.2739	0.0519	-0.0038	0.1352	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7603	-0.4959	-0.9605	0.6340	0.0951	-0.0208	-1.5084	0.0921	105.81	74.50%	142.02	-0.9243	-0.6300	-1.1716	0.7840	0.1449	-0.0257	-1.8227	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2403	-0.5532	-1.1100	0.6225	0.0700	-0.0275	-1.2385	1.4303	78.40	66.90%	117.18	-0.3019	-0.6663	-1.3395	0.7778	0.0990	-0.0359	-1.4668	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0244	-0.1653	-0.5360	1.1156	0.0789	-0.0293	0.4395	9.0579	51.38	77.71%	66.12	-0.0291	-0.2007	-0.6488	1.3844	0.1063	-0.0372	0.5749	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0076	-0.0245	-0.0542	0.4150	0.0661	-0.0086	0.3862	0.0057	11.14	74.90%	14.87	-0.0098	-0.0307	-0.0672	0.5114	0.0869	-0.0112	0.4794	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0281	-0.0073	-0.4079	0.1577	0.3369	-0.0041	0.0472	2.7241	[redacted]			-0.0315	-0.0084	-0.4974	0.1950	0.3455	-0.0056	-0.0024	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0157	-0.0047	-0.0541	0.1307	0.0265	-0.0037	0.0790	1.9721	11.04	96.73%	11.41	-0.0200	-0.0058	-0.0648	0.1636	0.0342	-0.0063	0.1009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0013	0.0004	0.0041	0.0000	0.0032	0.0000	1.05	70.00%	1.50	0.0000	0.0000	-0.0016	0.0005	0.0050	0.0000	0.0039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.4675	-0.2290	-0.8608	3.2530	0.1300	-0.0671	1.7586	19.6690	128.92	99.07%	130.13	-0.5656	-0.2793	-1.0625	3.9415	0.1870	-0.0975	2.1236	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1445	-0.0837	-0.1671	0.0750	0.0242	-0.0143	-0.3104	0.0382	17.30	53.05%	32.61	-0.1860	-0.1057	-0.2061	0.0978	0.0353	-0.0179	-0.3826	0.94	0.94	0.94	0.94	0.94	94.00%	94.00%	94.00%	94.00%	94.00%
-0.0395	-0.2820	-0.5399	0.2912	0.0407	-0.0094	-0.5389	4.5151	40.35	69.64%	57.94	-0.0419	-0.3384	-0.6488	0.3622	0.0579	-0.0128	-0.6218	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0118	-0.0061	-0.0410	0.0858	0.0156	-0.0047	0.0378	0.0008	6.75	73.74%	9.15	-0.0150	-0.0073	-0.0504	0.1031	0.0220	-0.0065	0.0459	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9456	-0.1554	-0.3701	0.9605	0.0653	-0.0176	-0.4629	16.9323	69.14	94.93%	72.83	-1.1979	-0.1967	-0.4490	1.1683	0.0972	-0.0232	-0.6013	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0105	-0.0005	-0.0088	0.0320	0.0055	-0.0010	0.0167	0.0001	1.37	70.16%	1.95	-0.0125	-0.0006	-0.0109	0.0395	0.0080	-0.0015	0.0220	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8384	-0.3913	-0.9133	1.6407	0.1611	-0.0153	-0.3565	0.5886	134.48	93.06%	144.50	-1.0562	-0.5063	-1.1090	1.9920	0.2465	-0.0184	-0.4514	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0430	-0.4316	-0.6845	1.2532	0.0515	-0.0055	0.1401	3.0509	57.30	78.94%	72.59	-0.0535	-0.5453	-0.8270	1.6548	0.0659	-0.0067	0.2882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0044	0.0128	0.0071	-0.0007	0.0148	0.3161	[redacted]			0.0000	0.0000	-0.0050	0.0154	0.0106	-0.0008	0.0202	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2232	-0.8500	-0.9002	0.6657	0.0450	0.0047	-1.2580	17.5248	88.53	93.73%	94.46	-0.2650	-1.0461	-1.0921	0.8636	0.0593	0.0067	-1.4736	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001	0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0000	0.0003	-0.0001	0.0001	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0851	-0.0387	-0.0808	0.0370	0.0104	-0.0021	-0.1593	0.0000	6.57	95.94%	6.85	-0.1016	-0.0475	-0.0987	0.0469	0.0156	-0.0026	-0.1879	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0074	-0.0101	-0.0132	0.0123	0.0158	-0.0036	-0.0062	0.0000	3.29	53.10%	6.20	-0.0093	-0.0128	-0.0162	0.0154	0.0196	-0.0043	-0.0076	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0163	-0.0205	-0.0462	0.0175	0.0142	-0.0106	-0.0619	0.0087	5.71	34.88%	16.37	-0.0211	-0.0260	-0.0563	0.0220	0.0203	-0.0127	-0.0738	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5716	-0.2416	-0.6114	1.4615	0.1070	-0.0058	0.1381	56.5106	115.00	80.60%	142.69	-0.7111	-0.3043	-0.7405	1.8387	0.1480	-0.0074	0.2234	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0090	0.0000	-0.0033	0.0144	0.0048	0.0000	0.0069	0.0019	0.88	27.08%	3.25	-0.0121	0.0000	-0.0039	0.0176	0.0078	0.0000	0.0094	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0006	-0.0001	-0.0029	0.0253	0.0094	-0.0005	0.0306	0.0015	1.06	81.54%	1.30	-0.0006	-0.0001	-0.0035	0.0306	0.0153	-0.0006	0.0411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0456	-0.0133	-0.0888	0.1338	0.0780	-0.0041	0.0600	8.4095	[redacted]			-0.0518	-0.0142	-0.1037	0.1623	0.0964	-0.0055	0.0835	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0472	-0.0033	-0.0301	0.1568	0.0099	-0.0004	0.0857	0.0026	7.25	47.64%	15.22	-0.0607	-0.0041	-0.0363	0.1913	0.0153	-0.0005	0.1050	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1278	-0.1374	-0.2792	1.5944	0.0279	-0.0108	1.0671	0.8748	49.52	87.36%	56.69	-0.1645	-0.1747	-0.3407	1.9350	0.0419	-0.0125	1.2845	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0031	0.0603	0.0072	-0.0015	0.0629	0.0001	1.17	0.00%	0.00	0.0000	0.0000	-0.0031	0.0603	0.0072	-0.0015	0.0629	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0610	-0.5354	-0.9694	2.2679	0.1829	-0.0510	0.8340	11.8109	92.35	79.37%	116.35	-0.0732	-0.6577	-1.1835	2.7898	0.2394	-0.0694	1.0454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5143	-0.6941	-1.0898	1.4471	0.0925	-0.0341	-0.7927	1.4383	103.89	79.34%	130.94	-0.6543	-0.8843	-1.3167	1.7593	0.1357	-0.0415	-1.0018	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2031	-0.3920	-0.6527	0.7894	0.0320	-0.0043	-0.4307	2.7566	48.74	94.20%	51.74	-0.2725	-0.4993	-0.7925	0.9955	0.0436	-0.0041	-0.5293	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2907	-0.3761	-0.6614	0.9157	0.0651	-0.0108	-0.3582	13.5161	73.69	72.52%	101.61	-0.3655	-0.4926	-0.7971	1.1134	0.1011	-0.0139	-0.4546	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4287	-0.5481	-1.0237	1.2654	0.0807	-0.0232	-0.6776	7.1382	95.63	87.16%	109.72	-0.5057	-0.6622	-1.2536	1.5729	0.1220	-0.0297	-0.7563	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0550	-0.0026	-0.0183	0.1912	0.0044	-0.0051	0.1146	0.0104	3.94	60.41%	6.52	-0.0624	-0.0031	-0.0214	0.2324	0.0068	-0.0068	0.1455	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3340	-0.5784	-0.7285	1.8083	0.0710	-0.0069	0.2315	0.8384	62.72	78.31%	80.09	-0.4222	-0.7385	-0.8642	2.2250	0.1167	-0.0091	0.3077	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1008	-0.6634	-0.8711	0.3984	0.0574	-0.0104	-1.1899	10.4194	71.76	98.86%	72.59	-0.1307	-0.8435	-1.0521	0.5335	0.0716	-0.0129	-1.4341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4484	-0.0638	-0.1442	0.2534	0.0247	-0.0015	-0.3798	0.0348	23.97	42.80%	56.00	-0.5642	-0.0813	-0.1760	0.3133	0.0372	-0.0018	-0.4728	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1581	-0.0035	-0.0675	0.5668	0.0366	-0.0084	0.3659	0.0156	17.09	68.94%	24.79	-0.2067	-0.0042	-0.0816	0.6923	0.0600	-0.0124	0.4474	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2122	-0.5044	-0.9541	0.8245	0.0568	-0.0130	-0.8024	1.0520	75.70	75.64%	100.09	-0.2518	-0.6301	-1.1620	1.0181	0.0861	-0.0165	-0.9562	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4258	-0.5467	-1.0754	0.3971	0.0571	-0.0357	-1.6294	2.1495	108.38	68.28%	158.73	-0.5397	-0.6980	-1.3201	0.4965	0.0870	-0.0446	-2.0189	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0293	0.0493	0.0053	-0.0041	0.0212	0.0880	[redacted]			0.0000	0.0000	-0.0352	0.0603	0.0074	-0.0053	0.0272	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2797	-0.2749	-0.5255	0.6761	0.0484	-0.0071	-0.3627	0.0554	63.11	60.76%	103.87	-0.3589	-0.3457	-0.6327	0.8315	0.0733	-0.0082	-0.4407	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4301	-0.1390	-0.4411	1.9286	0.0757	-0.0298	0.9643	6.3864	70.26	64.34%	109.20	-0.5140	-0.1759	-0.5408	2.3561	0.1102	-0.0439	1.1917	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0941	-0.0580	-0.1701	1.2123	0.0543	-0.0055	0.9389	1.3265	28.86	81.77%	35.29	-0.1154	-0.0737	-0.2125	1.5064	0.0704	-0.0057	1.1695	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1124	-0.1710	-0.2144	0.1173	0.0434	0.0061	-0.3310	2.2022	32.26	44.47%	72.54	-0.1334	-0.2107	-0.2562	0.1451	0.0545	0.0077	-0.3930	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0203	-0.0066	-0.0348	0.2240	0.0373	-0.0016	0.1980	0.0020	5.00	84.04%	5.95	-0.0266	-0.0084	-0.0433	0.2727	0.0479	-0.0020	0.2403	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1757	-0.5789	-0.9977	0.7577	0.0861	-0.0152	-0.9237	6.8724	85.79	89.77%	95.56	-0.2229	-0.7307	-1.1938	0.9465	0.1166	-0.0169	-1.1012	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0106	-0.0020	-0.0165	0.0845	0.0098	-0.0004	0.0648	0.0035	3.84	44.75%	8.58	-0.0131	-0.0026	-0.0199	0.1017	0.0150	-0.0005	0.0806	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0419	-0.0280	-0.0608	0.0662	0.0195	-0.0104	-0.0554	0.0259	10.57	29.04%	36.40	-0.0513	-0.0353	-0.0729	0.0811	0.0267	-0.0123	-0.0640	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0147	-0.0072	-0.0681	0.2396	0.0395	-0.0072	0.1819	0.1220	9.63	66.27%	14.53	-0.0174	-0.0077	-0.0833	0.2893	0.0540	-0.0096	0.2253	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0622	-0.2754	-0.6966	0.9082	0.0527	-0.0366	-0.1099	17.4923	63.34	58.63%	108.03	-0.0797	-0.3612	-0.8560	1.0995	0.0717	-0.0470	-0.1727	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0780	-0.3689	-0.4546	0.4022	0.0800	0.0044	-0.4149	0.6105	46.11	96.06%	48.00	-0.0925	-0.4499	-0.5347	0.5137	0.1152	0.0056	-0.4426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4378	-0.3670	-0.9691	0.6484	0.1132	-0.0408	-1.0531	2.0334	113.57	78.36%	144.93	-0.5573	-0.4766	-1.1909	0.7881	0.1682	-0.0519	-1.3204	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0904	-0.3090	-0.4900	0.4928	0.0731	-0.0061	-0.3296	1.7570	49.78	92.86%	53.61	-0.1171	-0.3948	-0.5922	0.6265	0.0946	-0.0064	-0.3894	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9029	-1.3343	-1.5971	2.0352	0.0969	-0.0197	-1.7219	18.7229	147.39	83.93%	175.61	-1.1465	-1.7009	-1.9143	2.5250	0.1425	-0.0238	-2.1180	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0166	-0.0035	-0.0330	0.1135	0.0298	-0.0045	0.0857	0.0000	6.02	58.44%	10.30	-0.0218	-0.0045	-0.0408	0.1379	0.0404	-0.0061	0.1051	1.82	1.92	1.42	1.42	1.42	39.74%	41.92%	31.00%	31.00%	31.00%
-0.1255	-0.1870	-0.3808	0.1952	0.0404	-0.0243	-0.4820	0.4179	39.56	54.34%	72.80	-0.1486	-0.2364	-0.4534	0.2434	0.0596	-0.0294	-0.5648	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3622	-0.0725	-0.2042	0.2133	0.0232	0.0165	-0.3859	2.7036	32.85	45.12%	72.80	-0.4228	-0.0864	-0.2477	0.2819	0.0354	0.0177	-0.4219	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3910	-0.1890	-0.4929	1.7911	0.0715	-0.0172	0.7725	0.0797	81.94	87.70%	93.43	-0.4987	-0.2394	-0.5820	2.1728	0.1145	-0.0191	0.9481	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1470	-0.3699	-0.5983	0.8768	0.0229	-0.0040	-0.2195	10.5208	59.92	82.61%	72.53	-0.1829	-0.4677	-0.7172	1.0602	0.0344	-0.0052	-0.2784	0.00	0.00	0.00	0.00	0.45	0.00%	0.00%	0.00%	0.00%	0.62%
-0.0204	-0.0563	-0.1054	0.3769	0.0404	-0.0052	0.2300	0.0020	12.13	99.39%	12.20	-0.0268	-0.0722	-0.1259	0.4597	0.0556	-0.0062	0.2842	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0077	0.0000	-0.0043	0.0194	0.0070	0.0000	0.0144	0.0000	1.16	89.23%	1.30	-0.0100	0.0000	-0.0052	0.0236	0.0104	0.0000	0.0188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0874	-0.0258	-0.0798	0.1454	0.0280	-0.0032	-0.0228	0.0015	9.89	85.92%	11.51	-0.1114	-0.0319	-0.0959	0.1785	0.0431	-0.0040	-0.0216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0030	-0.0001	-0.0049	0.0123	0.0029	-0.0073	-0.0001	0.0004	0.95	24.41%	3.89	-0.0048	-0.0002	-0.0061	0.0149	0.0041	-0.0081	-0.0002	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0097	-0.0111	-0.0475	0.2643	0.0350	-0.0095	0.2215	0.0084	6.91	92.91%	7.44	-0.0115	-0.0125	-0.0579	0.3259	0.0500	-0.0134	0.2806	1.79	1.86	1.92	1.98	2.05	24.06%	25.00%	25.81%	26.61%	27.55%
-0.0467	-0.4628	-0.7734	0.4934	0.2694	-0.0073	-0.5274	0.0523	43.44	78.86%	55.09	-0.0577	-0.5866	-0.9135	0.6114	0.2824	-0.0117	-0.6757	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0051	-0.0001	-0.0016	0.0333	0.0019	0.0000	0.0284	0.0050	[redacted]			-0.0062	-0.0002	-0.0020	0.0407	0.0029	0.0000	0.0352	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2256	-0.4227	-0.7587	1.2453	0.0799	-0.0211	-0.1029	0.8954	67.78	93.81%	72.25	-0.3003	-0.5431	-0.9274	1.5347	0.1160	-0.0274	-0.1475	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0932	-0.0107	-0.0735	0.4374	0.0436	-0.0086	0.2950	0.0073	16.55	85.83%	19.28	-0.1274	-0.0135	-0.0894	0.5252	0.0653	-0.0114	0.3488	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1699	-0.0161	-0.0866	0.0646	0.0164	-0.0282	-0.2198	0.0240	10.10	55.51%	18.20	-0.1777	-0.0169	-0.1047	0.0796	0.0230	-0.0395	-0.2362	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0012	-0.0016	-0.0067	0.0015	0.0032	0.0011	-0.0037	0.0000	[redacted]			-0.0014	-0.0020	-0.0079	0.0019	0.0043	0.0012	-0.0039	0.00	0.00	0.00	0.00	0.00	[redacted]				
0.0000	0.0000	-0.0035	0.0021	0.0120	-0.0038	0.0068	0.0000	3.60	25.71%	14.00	0.0000	0.0000	-0.0042	0.0025	0.0155	-0.0042	0.0096	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0281	-0.0146	-0.0542	0.1771	0.0402	-0.0021	0.1183	0.0074	10.43	60.80%	17.15	-0.0363	-0.0177	-0.0663	0.2165	0.0554	-0.0026	0.1490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2934	-0.4016	-0.9031	2.3753	0.0875	-0.0184	0.8463	0.3794	90.19	71.13%	126.80	-0.3874	-0.5130	-1.1037	2.8942	0.1276	-0.0225	0.9952	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0171	-0.0142	-0.0379	0.2120	0.0238	-0.0016	0.1650	0.6108	4.96	66.69%	7.44	-0.0195	-0.0155	-0.0445	0.2782	0.0332	-0.0020	0.2299	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1770	-0.2210	-0.5343	1.0865	0.0375	-0.0212	0.1705	2.5381	66.04	95.83%	68.91	-0.2239	-0.2828	-0.6507	1.3234	0.0578	-0.0260	0.1978	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0146	-0.0034	-0.0316	0.5557	0.0267	-0.0046	0.5282	0.0038	0.00	0.00%	9.67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9071	-0.3432	-0.8683	1.3400	0.1090	-0.0381	-0.7077	8.7753	95.34	87.35%	109.15	-1.0967	-0.4364	-1.0548	1.6311	0.1644	-0.0495	-0.8419	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0658	-0.3291	-0.6861	1.9928	0.0706	-0.0206	0.9618	4.3229	48.53	73.33%	66.18	-0.0781	-0.4080	-0.8318	2.4069	0.1102	-0.0259	1.1733	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3784	-0.4094	-0.8471	1.8576	0.0863	-0.0155	0.2935	8.7602	76.56	75.62%	101.24	-0.4713	-0.5341	-1.0117	2.2447	0.1373	-0.0187	0.3462	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0235	-0.0682	-0.1025	0.0745	0.0136	-0.0005	-0.1066	0.0231	[redacted]			-0.0288	-0.0870	-0.1247	0.0992	0.0176	-0.0006	-0.1243	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0376	-0.0411	-0.1376	1.1708	0.0598	-0.0031	1.0112	0.0162	14.40	49.45%	29.12	-0.0473	-0.0532	-0.1680	1.4617	0.0758	-0.0030	1.2660	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2854	-0.1024	-0.1979	0.1246	0.0492	-0.0069	-0.4188	3.6730	32.57	45.07%	72.26	-0.3174	-0.1083	-0.2349	0.1486	0.0728	-0.0117	-0.4509	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.3565	-0.3621	-0.7916	0.8061	0.1475	-0.0183	-1.5749	1.8147	103.91	97.11%	107.00	-1.7273	-0.4461	-0.9644	0.9830	0.2130	-0.0241	-1.9659	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.1500	-0.2142	-0.6630	0.5796	0.1259	-0.0370	-1.3587	1.0752	107.32	87.36%	122.85	-1.4973	-0.2821	-0.8069	0.7231	0.1863	-0.0451	-1.7220	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0253	-0.0008	-0.0343	0.2211	0.0186	-0.0008	0.1785	0.2203	10.16	70.36%	14.44	-0.0328	-0.0010	-0.0421	0.2666	0.0272	-0.0011	0.2168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0066	-0.0010	-0.0023	0.0042	0.0074	0.0011	0.0028	0.0071	0.76	42.22%	1.80	-0.0066	-0.0010	-0.0026	0.0059	0.0084	0.0013	0.0054	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0023	0.0089	0.0080	-0.0004	0.0142	0.0000	0.57	88.97%	0.64	0.0000	0.0000	-0.0028	0.0108	0.0113	-0.0005	0.0188	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0028	0.0000	-0.0004	0.0426	0.0007	0.0001	0.0402	0.0000	[redacted]			-0.0034	0.0000	-0.0005	0.0527	0.0010	0.0001	0.0499	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2439	-0.0710	-0.1929	0.2892	0.0272	-0.0071	-0.1985	0.0173	31.54	90.85%	34.72	-0.3053	-0.0880	-0.2353	0.3620	0.0405	-0.0099	-0.2360	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4547	-0.1801	-0.4710	1.0640	0.0521	-0.0089	0.0014	2.3407	74.80	75.95%	98.49	-0.6076	-0.2287	-0.5772	1.3004	0.0781	-0.0109	-0.0459	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025														
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]	Facility Loading Limit (MW) [26]
Mesa 66/16 (D)		4.3875	57.67	79.42%	72.62	-0.0542	-0.0642	-0.1582	0.1552	0.0043	-0.0065	-0.1236	5.1565	58.43	80.46%	72.62	-0.0970	-0.1218	-0.2919	0.3172	0.0117	-0.0138	-0.1956	5.1599	58.34	80.34%	72.62	-0.1474	-0.1835	-0.4252	0.4740	0.0226	-0.0211	-0.2806	5.1681	58.24	80.20%	72.62
Mescalero P.T. 33/4.8 (A)		0.0000	1.12	86.15%	1.30	-0.0047	0.0000	-0.0012	0.0023	0.0004	0.0000	-0.0032	0.0007	1.12	86.15%	1.30	-0.0088	0.0000	-0.0027	0.0047	0.0013	0.0000	-0.0055	0.0009	1.12	86.15%	1.30	-0.0130	0.0000	-0.0042	0.0070	0.0026	0.0000	-0.0076	0.0021	1.12	86.15%	1.30
Michillinda 16/4.16 (D)		0.0000	11.15	57.66%	19.34	-0.0103	-0.0039	-0.0139	0.0777	0.0032	-0.0009	0.0519	0.0000	11.23	58.08%	19.34	-0.0176	-0.0075	-0.0283	0.1700	0.0086	-0.0018	0.1234	0.0000	11.30	58.44%	19.34	-0.0257	-0.0113	-0.0428	0.2576	0.0161	-0.0027	0.1912	0.0000	11.37	58.80%	19.34
Milliken 66/12 (D)		3.1136	115.01	79.88%	143.98	-0.0501	-0.2941	-0.4720	0.0999	0.0087	-0.0035	-0.7111	9.0163	120.70	83.83%	143.98	-0.0926	-0.5235	-0.8406	0.2479	0.0222	-0.0058	-1.1924	12.6274	123.98	86.11%	143.98	-0.1345	-0.7704	-1.2051	0.4105	0.0389	-0.0086	-1.6692	15.1469	124.19	86.26%	143.98
Minaret 33/12 (D)		0.0009	13.35	50.58%	26.39	-0.0015	-0.0020	-0.0067	0.0036	0.0081	0.0008	0.0023	0.0009	13.35	50.58%	26.39	-0.0028	-0.0037	-0.0129	0.0075	0.0170	0.0010	0.0061	0.0077	13.36	50.62%	26.39	-0.0042	-0.0056	-0.0191	0.0117	0.0258	0.0012	0.0098	0.3020	13.69	51.87%	26.39
Minneola 33/12 (D)		0.0000	[redacted]			-0.0007	-0.0001	-0.0060	0.0008	0.0007	-0.0007	-0.0060	0.0000	[redacted]			-0.0013	-0.0002	-0.0119	0.0023	0.0015	-0.0029	-0.0125	0.0000	[redacted]			-0.0019	-0.0003	-0.0168	0.0043	0.0028	-0.0050	-0.0169	0.0000	[redacted]		
Mira Loma 66/12 (D)	GNA_2023	1.6138	66.76	91.73%	72.78	-0.0844	-0.0870	-0.1864	0.0811	0.0116	-0.0012	-0.2663	3.6088	76.51	105.12%	72.78	-0.1430	-0.1561	-0.3441	0.1673	0.0266	-0.0031	-0.4524	9.4636	87.11	79.77%	109.20	-0.1999	-0.2240	-0.4957	0.2502	0.0469	-0.0057	-0.6282	12.9705	103.05	94.37%	109.20
Moab P.T. 12/4.16 (A)		0.0000	0.38	47.90%	0.79	-0.0003	0.0000	-0.0002	0.0075	0.0005	-0.0001	0.0074	0.0002	0.39	49.16%	0.79	-0.0005	0.0000	-0.0004	0.0153	0.0021	-0.0002	0.0163	0.0003	0.40	50.42%	0.79	-0.0007	0.0000	-0.0007	0.0226	0.0031	-0.0003	0.0240	0.0005	0.41	51.68%	0.79
Mockingbird P.T. 33/12 (A)		0.0000	0.84	42.93%	1.96	-0.0008	-0.0004	-0.0023	0.0014	0.0005	-0.0007	-0.0023	0.0004	0.83	42.42%	1.96	-0.0040	-0.0023	-0.0045	0.0025	0.0011	-0.0010	-0.0082	0.0006	0.83	42.42%	1.96	-0.0047	-0.0027	-0.0068	0.0039	0.0022	-0.0016	-0.0097	0.0013	0.83	42.42%	1.96
Modena 66/12 (D)		0.0008	113.60	87.69%	129.54	-0.1995	-0.0602	-0.1673	0.7081	0.0124	-0.0037	0.2898	0.0080	114.03	88.02%	129.54	-0.3765	-0.1098	-0.3382	1.4759	0.0332	-0.0071	0.6775	0.0116	114.44	88.34%	129.54	-0.5643	-0.1628	-0.5093	2.2251	0.0653	-0.0104	1.0436	0.4584	114.52	88.40%	129.54
Modoc 16/4.16 (D)		0.0000	0.00	0.00%	11.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Moneta 16/4.16 (D)		0.0000	10.73	72.14%	14.87	-0.0037	-0.0036	-0.0230	0.1160	0.0082	-0.0047	0.0892	0.0007	10.84	72.88%	14.87	-0.0074	-0.0080	-0.0401	0.2430	0.0193	-0.0073	0.1995	0.0010	10.97	73.75%	14.87	-0.0098	-0.0121	-0.0564	0.3721	0.0362	-0.0093	0.3207	0.0013	11.07	74.42%	14.87
Monolith 66/12 (D)		1.4030	25.56	70.53%	36.24	-0.0266	-0.0374	-0.0821	0.0801	0.0017	-0.0030	-0.0673	1.4178	25.58	70.59%	36.24	-0.0476	-0.0680	-0.1526	0.2014	0.0059	-0.0062	-0.0671	1.4248	25.58	70.59%	36.24	-0.0698	-0.1007	-0.2232	0.3185	0.0128	-0.0095	-0.0719	1.4413	25.64	70.76%	36.24
Monrovia 16/4.16 (D)		0.0002	12.96	86.69%	14.95	-0.0103	-0.0019	-0.0128	0.0679	0.0033	-0.0015	0.0447	0.0034	13.02	87.09%	14.95	-0.0184	-0.0038	-0.0262	0.1387	0.0085	-0.0030	0.0958	0.0044	13.07	87.42%	14.95	-0.0279	-0.0058	-0.0395	0.2056	0.0165	-0.0046	0.1443	0.0123	13.13	87.82%	14.95
Montecito 16/4.16 (D)		0.0000	4.63	77.13%	6.00	-0.0019	-0.0028	-0.0084	0.0448	0.0079	-0.0015	0.0381	0.0000	4.67	77.79%	6.00	-0.0034	-0.0053	-0.0164	0.0915	0.0143	-0.0026	0.0781	0.0001	4.71	78.46%	6.00	-0.0051	-0.0079	-0.0245	0.1382	0.0233	-0.0040	0.1200	0.0001	4.75	79.13%	6.00
Moorpark 66/16 (D)		0.9111	93.45	67.95%	137.53	-0.1725	-0.1131	-0.2202	0.5091	0.0090	-0.0015	0.0108	0.9292	93.65	68.09%	137.53	-0.3027	-0.2032	-0.4195	1.0838	0.0237	-0.0031	0.1790	2.4920	95.60	69.51%	137.53	-0.4291	-0.2946	-0.6182	1.6973	0.0429	-0.0068	0.3915	2.5281	95.84	69.69%	137.53
Moraga 115/12 (D)		3.7349	127.25	87.78%	144.96	-0.3894	-0.3373	-0.3901	0.2381	0.0092	-0.0036	-0.8731	5.6854	128.66	88.76%	144.96	-0.7074	-0.6370	-0.7060	0.4941	0.0252	-0.0109	-1.5420	5.9865	128.29	88.50%	144.96	-1.0216	-0.9434	-0.9987	0.7578	0.0484	-0.0183	-2.1758	7.5264	129.26	89.17%	144.96
Moreno 115/12 (D)		0.0008	54.83	94.29%	58.15	-0.3615	-0.0196	-0.0692	0.2142	0.0078	-0.0002	-0.2285	0.0109	54.74	94.13%	58.15	-0.6290	-0.0340	-0.1403	0.4624	0.0203	-0.0009	-0.3215	0.0154	54.61	93.91%	58.15	-0.9260	-0.0494	-0.2128	0.7019	0.0412	-0.0014	-0.4465	0.0251	54.42	93.58%	58.15
Morningside 16/4.16 (D)		0.0269	4.81	80.84%	5.95	-0.0023	-0.0032	-0.0106	0.0501	0.0020	-0.0015	0.0345	0.0343	4.86	81.68%	5.95	-0.0039	-0.0059	-0.0195	0.1018	0.0065	-0.0028	0.0762	0.0368	4.91	82.53%	5.95	-0.0056	-0.0087	-0.0283	0.1534	0.0122	-0.0039	0.1191	0.0508	4.96	83.37%	5.95
Morongo P.T. 33/12 (A)		0.0000	2.75	42.31%	6.50	-0.0044	-0.0003	-0.0046	0.0076	0.0008	-0.0021	-0.0030	0.0000	2.72	41.85%	6.50	-0.0251	-0.0016	-0.0095	0.0129	0.0016	-0.0023	-0.0240	0.0000	2.72	41.85%	6.50	-0.0291	-0.0019	-0.0149	0.0209	0.0034	-0.0034	-0.0250	0.0010	2.72	41.85%	6.50
Morro 66/12 (D)		0.0001	33.63	80.36%	41.85	-0.0609	-0.0643	-0.0972	0.4302	0.0149	-0.0051	0.2176	0.3277	34.27	81.89%	41.85	-0.1133	-0.1238	-0.1791	0.8818	0.0348	-0.0101	0.4903	0.3286	34.63	82.75%	41.85	-0.1317	-0.1662	-0.2637	1.3601	0.0604	-0.0233	0.8356	0.3303	34.97	83.56%	41.85
Moulton 66/12 (D)		4.0287	100.07	68.86%	145.33	-0.2013	-0.1776	-0.2442	0.3401	0.0335	-0.0054	-0.2549	4.3396	103.51	71.23%	145.33	-0.3592	-0.3254	-0.4641	0.7244	0.0786	-0.0092	-0.3549	4.4499	103.48	71.21%	145.33	-0.5417	-0.4860	-0.6777	1.0922	0.1305	-0.0123	-0.4950	4.5258	103.43	71.17%	145.33
Mountain Pass 33/12 (D)		0.0000	[redacted]			-0.0025	-0.0186	-0.0391	0.0000	0.0008	0.0000	-0.0594	0.0000	[redacted]			-0.0049	-0.0337	-0.0671	0.0000	0.0019	0.0000	-0.1038	0.0000	[redacted]			-0.0072	-0.0500	-0.0913	0.0000	0.0040	0.0000	-0.1445	0.0000	[redacted]		
Mountain Pass A 115/33 (D)		0.0000	[redacted]			-0.0165	-0.0194	-0.0187	0.0000	0.0003	0.0000	-0.0543	8.1268	[redacted]			-0.0201	-0.0229	-0.0366	0.0000	0.0012	-0.0008	-0.0792	8.1271	[redacted]			-0.0235	-0.0267	-0.0547	0.0000	0.0024	-0.0015	-0.1040	8.1276	[redacted]		
Movie 66/16 (D)		1.0095	26.05	44.80%	58.15	-0.0107	-0.0424	-0.1119	0.0963	0.0033	-0.0016	-0.0670	1.0095	26.05	44.80%	58.15	-0.0181	-0.0733	-0.1988	0.2199	0.0087	-0.0034	-0.0650	7.3143	32.66	56.17%	58.15	-0.0263	-0.1067	-0.2837	0.3391	0.0145	-0.0052	-0.0683	10.4998	36.00	61.91%	58.15
Moynier P.T. 16/4.16 (A)		0.0495	0.52	53.26%	0.98	0.0000	0.0000	-0.0005	0.0062	0.0039	-0.0002	0.0094	0.0632	0.54	55.31%	0.98	0.0000	0.0000	-0.0011	0.0127	0.0081	-0.0003	0.0194	0.0680	0.56	57.35%	0.98	0.0000	0.0000	-0.0017	0.0192	0.0121	-0.0004	0.0292	0.0982	0.60	61.45%	0.98
Mt. Tom 55/12 (D)		0.3034	16.31	58.25%	28.00	-0.0105	-0.0093	-0.0368	0.0293	0.0104	0.0011	-0.0158	0.7694	16.82	60.07%	28.00	-0.0180	-0.0173	-0.0736	0.0619	0.0230	0.0004	-0.0236	1.0369	17.10	61.07%	28.00	-0.0266	-0.0259	-0.1111	0.0958	0.0369	-0.0003	-0.0312	1.1265	17.19	61.39%	28.00
Mt. Vernon 33/4.16 (D)		0.0000	11.68	41.68%	28.02	-0.0181	-0.0053	-0.0231	0.0276	0.0035	-0.0014	-0.0168	0.0000	11.67	41.64%	28.02	-0.0328	-0.0102	-0.0471	0.0563	0.0084	-0.0028	-0.0282	0.0000	9.72	34.68%	28.02	-0.0492	-0.0154	-0.0714	0.0833	0.0167	-0.0042	-0.0402	0.0000	9.71	34.65%	28.02
Mt. Wilson P.T. 33/16 (A)		0.0000	3.93	30.23%	13.00	-0.0008	-0.0130	-0.0442	0.0169	0.0004	-0.0001	-0.0408	0.0000	3.90	30.00%	13.00	-0.0016	-0.0236	-0.0766	0.0345	0.0012	-0.0001	-0.0662	0.0000	3.87	29.77%	13.00	-0.0024	-0.0350	-0.1078	0.0512	0.0023	-0.0001	-0.0918	0.0000	3.85	29.62%	13.00
Murphy 66/12 (D)		0.0004	46.45	63.80%	72.80	-0.0469	-0.0622	-0.1138	0.1043	0.0058	-0.0040	-0.1168	0.0072	46.42	63.76%	72.80	-0.0787	-0.1055	-0.2107	0.2297	0.0142	-0.0084	-0.1594	0.0095	46.37	63.70%	72.80	-0.1135	-0.1517	-0.3072	0.3513	0.0264	-0.0128	-0.2075	0.0111	46.28	63.57%	72.80
Murrietta 2 33/12 (D)		0.2202	27.63	76.75%	36.00	-0.0678	-0.0631	-0.0550	0.0590	0.0041	-0.0019	-0.1247	0.3131	27.65	76.81%	36.00	-0.1137	-0.1147	-0.1034	0.1319	0.0098	-0.0055	-0.1956	0.3528	27.62	76.72%	36.00	-0.1588	-0.1696	-0.1486	0.2060	0.0172	-0.0090	-0.2628	0.3848	27.58	76.61%	36.00
Muscoy 33/4.16 (D)		0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Naomi 16/4.16 (D)	GNA_2023	0.0002	6.45	92.92%	6.94	0.0000	0.0000	-0.0093	0.0245	0.0033	-0.0008	0.0177	0.0023	6.49	93.50%	6.94	0.0000	0.0000	-0.0172	0.0638	0.0102	-0.0016	0.0552	0.0032	6.83	98.40%	6.94	0.0000	0.0000	-0.0250	0.0986	0.0184	-0.0024	0.0896	0.0052	6.86	98.83%	6.94
Naples 12/4.16 (D)		0.0000	13.40	90.46%	14.81	-0.0214	-0.0078	-0.0203	0.0904	0.0095	0.0000	0.0504	0.0000	13.47	90.93%	14.81	-0.0378	-0.0151	-0.0380	0.1874	0.0197	0.0005	0.1167	0.0001	13.54	91.41%	14.81	-0.0564	-0.0228	-0.0555	0.2847	0.0302	0.0009	0.1811	0.0001	0.00	0.00%	14.81
Narod 66/12 (D)		2.1333	121.14	93.31%	129.83	-0.1353	-0.1389	-0.2883	0.3135	0.0140	-0.0083	-0.2433	2.4981	124.17	95.64%	129.83	-0.2380	-0.2560	-0.5515	0.6587	0.0348	-0.0165	-0.3685	2.6291	124.17	95.64%	129.83	-0.3466	-0.3812	-0.8104	0.9933	0.0668	-0.0246	-0.5027	2.9465	124.33	95.77%	129.83
Narrows 66/12 (D)		0.7599	98.90	75.22%	131.48	-0.0694	-0.1186	-0.2503	0.3805	0.0118	-0.0078	-0.0538	1.3201	98.94	75.25%	131.48	-0.1243	-0.2187	-0.4709	0.8094	0.0286	-0.0147	0.0094	1.3340	99.02	75.31%	131.48	-0.1845	-0.3261	-0.6912	1.2402	0.0529	-0.0216	0.0697	1.3581	99.10	75.37%	131.48
Neenach 66/12 (D)	GNA_2023	0.0000	[redacted]			-0.0219	-0.0086	-0.0191	0.0872	0.0012	0.0035	0.0423	0.0005	[redacted]			-0.0431	-0.0156	-0.0369	0.1855	0.0032	0.0043	0.0974	0.0008	[redacted]			-0.0566	-0.0226	-0.0546	0.3026	0.0060	0.0034	0.1782	0.0010	[redacted]		
Nelson 115/12 (D)		1.2233	86.13	92.18%	93.43	-0.2517	-0.0895	-0.1592	0.1292	0.0150	-0.0045	-0.3607	2.3418	87.04	93.16%	93.43	-0.4585	-0.1666	-0.3221	0.2730	0.0335	-0.0087	-0.6494	2.4066	86.81	92.91%	93.43	-0.6640	-0.2468	-0.4852	0.4208	0.0589	-0.0128	-0.9291	2.7394	85.17	91.15%	93.43
Nelson 115/33 (D)		0.2189	59.50	49.83%	119.40	-0.1898	-0.0107	-0.1053	0.0575	0.0278	0.0000	-0.2205	0.3669	59.50	49.83%	119.40	-0.3480	-0.0188	-0.2024	0.1250	0.0722	-0.0009	-0.3729	0.3749	59.52	49.85%	119.40	-0.4934	-0.0257	-0.2797	0.1994	0.2331	0.0011	-0.3652	0.5033	59.50	49.83%	119.40
Neptune 66/12 (D)		0.0003	48.77	84.53%	57.70	-0.0447	-0.1042	-0.1719	0.2316	0.0052	-0.0036	-0.0876	1.2544	50.11	86.85%	57.70	-0.0733	-0.1846	-0.3143	0.4955	0.0138	-0.0071	-0.0700	1.2568	50.10	86.83%	57.70	-0.1046	-0.2711	-0.4547	0.7337	0.0258	-0.0112	-0.0821	1.3219	50.09	86.82%	57.70
Neptune 66/4.16 (D)		0.0002	11.27	45.46%	24.79	-0.0066	-0.0005	-0.0143	0.1070	0.0105	-0.0012	0.0949	0.0037	11.38	45.91%	24.79	-0.0117	-0.0010	-0.0300	0.2269	0.0198	-0.0034	0.2006	0.0052	11.51	46.43%	24.79	-0.0172	-0.0015	-0.0447	0.3531	0.0357	-0.0053	0.3201	0.0085	11.66	47.03%	24.79
Newbury 66/16 (D)		1.0900	102.80	79.37%	129.53	-0.1192	-0.1232	-0.2593	0.6793	0.0136	-0.0025	0.1887	1.1098	103.26	79.72%	129.53	-0.1867	-0.2098	-0.4746	1.4308	0.0327	-0.0087	0.5837	1.9966	104.50	80.68%	129.53	-0.2835	-0.3097	-0.7019	2.0881	0.0560	-0.0201	0.8289	3.3725	105.70	81.60%	129.53
Newcomb 115/12 (D)		1.3581	117.67	82.41%	142.78	-0.5552	-0.0834	-0.2241	0.3553	0.0318	-0.0025	-0.4781	2.9668	119.14	83.44%	142.78	-0.9746	-0.1536	-0.4398	0.7458	0.0722	-0.0049	-0.7549	6.3992	122.64	85.89%	142.78	-1.3894	-0.2218	-0.6462	1.1303	0.1242	-0.0076	-1.0105	8.9043	125.14	87.64%	142.78
Newhall 66/16 (D)		1.7425	126.62	87.31%	145.03	-0.1424	-0.1496	-0.4211	0.6447	0.0082	-0.0066	-0.0668	2.7691	128.16	88.37%	145.03	-0.2451	-0.2729	-0.7360	1.5526	0.0183	-0.0128	0.3041	3.7411	129.87	89.55%	145.03	-0.3571	-0.4047	-1.0499	2.6900	0.0347	-0.0187	0.8943	5.7116	132.84	91.60%	145.03
Newmark 66/16 (D)		0.0001	28.46	78.35%	36.32	-0.0305	-0.0360	-0.0757	0.0883	0.0022	-0.0042	-0.0559	0.0020	28.43	78.27%	36.32	-0.0556	-0.0682	-0.1407	0.1832	0.0062	-0.0079	-0.0830	0.0027	28.40	78.19%	36.32	-0.0850	-0.1026	-0.2046	0.2764	0.0115	-0.0116	-0.1159	0.0033	28.35	78.05%	36.32
Newmark 66/4.16 (D)		0.0002	12.77	83.92%	15.22	-0.0251	-0.0032	-0.0166	0.0671	0.0035	-0.0007	0.0250	0.0034	12.82	84.25%	15.22	-0.0418	-0.0054	-0.0334	0.1407	0.0092	-0.0019	0.0674	0.0049	12.86	84.51%	15.22	-0.0616	-0.0078	-0.0503	0.2111	0.0172	-0.0032	0.1054	0.0086	12.89	84.71%	15.22
Niguel 66/12 (D)		0.2646	79.60	73.56%	108.21	-0.1034	-0.1294	-0.2473	0.5024	0.0053	-0.0008	0.0268	0.2724	79.78	73.73%	108.21	-0.1952	-0.2408	-0.4461	1.0479	0.0209	-0.0026	0.1841	0.2781	79.94	73.88%	108.21	-0.2961	-0.3587	-0.6519	1.5924	0.0391	-0.0035	0.3213	0.2878	80.07	74.00%	108.21
Nogal P.T. 16/4.16 (A)		0.0000	0.59	55.25%	1.07	-0.0009	-0.0001	-0.0009	0.0069	0.0004	0.0000	0.0054	0.0000	0.59	55.25%	1.07	-0.0016	-0.0001	-0.0017	0.0142	0.0008	0.0000	0.0116	0.0000	0.60	56.19%	1.07	-0.0024	-0.0001	-0.0025	0.0214	0.0014	0.0000	0.0178	0.0000	0.61	57.12%	1.07
Nogales 66/12 (D)		2.1861	87.38	76.13%	114.78	-0.1423	-0.1088	-0.2009	0.3218	0.0067	-0.0072	-0.1307	2.2116	88.08	76.74%	114.78	-0.2516	-0.2040	-0.3870	0.6720	0.0174	-0.0136	-0.1668	2.2225	88.03	76.69%	114.78	-0.3735	-0.3059	-0.5715	1.0113	0.0333	-0.0199	-0.2262	2.2623	88.01	76.68%	114.78
Nola 66/16 (D)		4.4439	39.14	67.24%	58.21	-0.0229	-0.0693	-0.1132	0.1369	0.0039	-0.0006	-0.0652	6.4243	41.20	70.78%	58.21	-0.0410	-0.1262	-0.2036	0.3070	0.0081	-0.0015	-0.0572	7.5633	42.37	72.79%	58.21	-0.0595	-0.1871	-0.2924	0.4548	0.0147	-0.0026	-0.0721	10.1143	44.99	77.29%	58.21
North Intake 33/12 (D)		0.0000	1.26	14.98%	8.41	-0.0092	-0.0008	-0.0013	0.0018	0.0002	0.0000	-0.0093	0.0000	1.25	14.86%	8.41	-0.0151	-0.0013	-0.0026	0.0042	0.0009	0.0000	-0.0139	0.0000	1.25	14.86%	8.41	-0.0209	-0.0019	-0.0038	0.0069	0.0019	0.0000	-0.0178	0.0000	1.25	14.86%	8.41
North Muroc 33/12 (D)		0.0000	1.15	61.51%	1.87	-0.0037	-0.0004	-0.0016	0.0017	0.0002	-0.0001	-0.0039	0.0000	1.14	60.98%	1.87	-0.0056	-0.0006	-0.0032	0.0039	0.0009	-0.0002	-0.0048	0.0000	1.14	60.98%	1.87	-0.0077	-0.0009	-0.0048	0.0061	0.0017	-0.0003	-0.0059	0.0147	1.16	62.05%	1.87
North Oaks 66/16 (D)		0.0024	108.23	92.57%	116.91	-0.0705	-0.0762	-0.2258	0.4103	0.0069	-0.0106	0.0341	0.0380	108.44	92.75%	116.91	-0.1208	-0.1360	-0.4229	0.8753	0.0167	-0.0195	0.1928	0.0521	108.62	92.91%	116.91	-0.1753	-0.1997	-0.6142	1.3309	0.0310	-0.0286	0.3441	0.1003	108.82	93.08%	116.91
Nugget 33/25 (D)		0.0004	11.12	77.71%	14.31	-0.0365	-0.0010	-0.0154	0.0366	0.0077	-0.0015	-0.0101	0.0068	11.14	77.85%	14.31	-0.0480	-0.0013	-0.0315	0.0789	0.0176	-0.0075	0.0082	0.0093	11.16	77.99%	14.31	-0.0593	-0.0016	-0.0476	0.1199	0.0284	-0.0131	0.0267	0.0211	11.19	78.20%	14.31
Oak Grove 66/12 (D)		3.9147	99.93	83.85%	119.17	-0.0883	-0.2872	-0.3823	0.1000	0.0087	-0.0065	-0.6556	6.5631	102.19	85.75%	119.17	-0.1624	-0.5285	-0.7042	0.2086	0.0281	-0.0124	-1.1708	8.0571	94.60	79.38%	119.17	-0.2386	-0.7819	-1.0243	0.3175	0.0532	-0.0187	-1.6928	8.9618	94.18	79.03%	119.17
Oak Park 66/16 (D)		0.0012	52.90	73.80%	71.68	-0.0706	-0.0393	-0.1090	0.3153	0.0056	-0.0001	0.1019	0.0131	53.08	74.05%	71.68	-0.1294	-0.0766	-0.2101	0.6538	0.0148	-0.0002	0.2523	0.0154	53.98	75.31%	71.68	-0.1925	-0.1154	-0.3082	0.9905	0.0232	-0.0004	0.3972	0.0161	54.14	75.53%	71.68
Oak Springs P.T. 33/12 (A)		0.0008	1.10	8.46%	13.00	-0.0069	-0.0003	-0.0010	0.0065	0.0002	0.0000	-0.0015	0.0017	1.10	8.46%	13.00	-0.0130	-0.0005	-0.0021	0.0144	0.0006	0.0000	-0.0006	0.0021	1.10	8.46%	13.00	-0.0194	-0.0007	-0.0032	0.0231	0.0010	0.0000	0.0008	0.0027	1.11	8.54%	13.00
Oasis 66/12 (D)	GNA_2023	2.1452	82.42	88.45%	93.18	-0.0787	-0.0683	-0.1819	0.1003	0.0093	-0.0045	-0.2238	3.9781	84.22	90.38%	93.18	-0.1423	-0.1281	-0.3474	0.2215	0.0227	-0.0087	-0.3823	4.1195	84.22	90.38%	93.18	-0.2101	-0.1922	-0.5096	0.3611	0.0387	-0.0133	-0.5254	4.2356	84.21	90.37%	93.18
Observatory P.T. 16/4.16 (A)		0.0000	[redacted]			-0.0001	-0.0002	-0.0004	0.0007	0.0004	0.0000	0.0004	0.0000	[redacted]			-0.0002	-0.0004	-0.0008	0.0015	0.0005	0.0000	0.0006	0.0000	[redacted]			-0.0003	-0.0006	-0.0012	0.0023	0.0008	0.0000	0.0010	0.0000	[redacted]		
Ocean Park 16/4.16 (D)		0.0000	1.60	10.76%	14.87	-0.0077	-0.0114	-0.0185	0.0882	0.0051	-0.0009	0.0548	0.0000	1.68	11.29%	14.87	-0.0135	-0.0219	-0.0329	0.1925	0.0098	-0.0009	0.1331	0.0000	1.76	11.83%	14.87	-0.0197	-0.0331	-0.0470	0.2978	0.0153	-0.0010	0.2123	0.0000	1.88	12.64%	14.87
Oceanview 66/12 (D)		3.0401	62.04	85.22%	72.80	-0.0669	-0.0832	-0.1779	0.3616	0.0155	-0.0062	0.0429	3.0413	60.66	83.32%	72.80	-0.1355	-0.1680	-0.3191	0.7039	0.0406	-0.0136	0.1083	4.5846	62.37	85.67%	72.80	-0.2099	-0.2582	-0.4641	1.0423	0.0660	-0.0215	0.1546	5.7195	63.67	87.46%	72.80
Octol 66/12 (D)		0.4756	32.56	44.73%	72.80	-0.0258	-0.0567	-0.0634	0.0202	0.0071	0.0006	-0.1180	0.6200	32.60	44.78%	72.80	-0.0536	-0.1059	-0.1264	0.0445	0.0147	0.0015	-0.2252	0.6737	32.55	44.71%	72.80	-0.0792	-0.1576	-0.1907	0.0762	0.0240	0.0040	-0.3233	0.8455	32.66	44.86%	72.80
Ojai 66/16 (D)		0.0007	31.76	57.59%	55.15	-0.0505	-0.0429	-0.0801	0.1251	0.0024	-0.0005	-0.0465	0.0074	31.78	57.63%	55.15	-0.0942	-0.0778	-0.1414	0.2710	0.0108	-0.0019	-0.0335	0.2647	32.04	58.10%	55.15	-0.1423	-0.1184	-0.2131	0.4174	0.0188	-0.0028	-0.0404	0.5881	32.38	58.72%	55.15
Oldfield 12/4.16 (D)		0.0001	13.80	90.46%	15.26	-0.0143	-0.0076	-0.0281	0.1269	0.0033	-0.0021	0.0781	0.0012	13.91	91.18%	15.26	-0.0251	-0.0145	-0.0549	0.2678	0.0101	-0.0039	0.1795	0.0014	13.36	87.58%	15.26	-0.0372	-0.0219	-0.0818	0.3919	0.0203	-0.0058	0.2655	0.2042	9.51	62.34%	15.26
Olinda 66/12 (D)		0.2964	30.85	84.77%	36.39	-0.0374	-0.0285	-0.0595	0.1513	0.0035	-0.0013	0.0281	0.3772	30.99	85.16%	36.39	-0.0714	-0.0535	-0.1163	0.3148	0.0088	-0.0025	0.0799	0.4074	31.08	85.40%	36.39	-0.1068	-0.0802	-0.1719	0.4770	0.0177	-0.0036	0.1322	0.4300	31.16	85.62%	36.39
Olive Lake 33/12 (D)		0.0122	6.93	27.48%	25.22	-0.0481	-0.0039	-0.0090	0.0049	0.0006	0.0000	-0.0555	0.0124	7.61	30.18%	25.22	-0.0839	-0.0069	-0.0168	0.0109	0.0019	0.0001	-0.0947	0.0125	7.57	30.02%	25.22	-0.1195	-0.0101	-0.0249	0.0174	0.0036	0.0001	-0.1334	0.0129	7.53	29.86%	25.22
Olympic 16/4.16 (D)		0.8109	9.64	72.01%	13.39	-0.0024	-0.0078	-0.0201	0.0717	0.0024	-0.0013	0.0425	1.1301	10.05	75.07%	13.39	-0.0046	-0.0149	-0.0378	0.1483	0.0070	-0.0026	0.0954	1.2401	10.23	76.42%	13.39	-0.0068	-0.0219	-0.0554	0.2227	0.0135	-0.0040	0.1481	1.4740	10.56	78.88%	13.39
O'Neill 66/12 (D)		0.6584	88.56	84.48%	104.82	-0.2030	-0.1103	-0.2064	0.7447	0.0081	-0.0026	0.2305	0.6732	88.96	84.87%	104.82	-0.3746	-0.2043	-0.4021	1.5422	0.0213	-0.0050	0.5775	0.6807	89.34	85.23%	104.82	-0.5539	-0.3033	-0.5978	2.3385	0.0426	-0.0076	0.9185	0.6934	89.65	85.52%	104.82
Ontario 12/4.16 (D)		0.0001	10.91	66.12%	16.50	-0.0103	-0.0086	-0.0190	0.0453	0.0027	-0.0017	0.0084	0.0012	10.93	66.24%	16.50	-0.0189	-0.0167	-0.0378	0.0926	0.0071	-0.0033	0.0230	0.0017	10.95	66.36%	16.50	-0.0268	-0.0244	-0.0563	0.1388	0.0137	-0.0051	0.0399	0.0841	11.05	66.97%	16.50
Orange 66/12 (D)		0.0013	79.54	76.59%	103.85	-0.0643	-0.2403	-0.3461	0.1244	0.0069	-0.0060	-0.5254	0.6820	79.89	76.93%	103.85	-0.1163	-0.4311	-0.6062	0.2684	0.0176	-0.0134	-0.8810	0.9234	79.75	76.80%	103.85	-0.1724	-0.6360	-0.8632	0.4109	0.0325	-0.0207	-1.2489	1.1744	79.62	76.67%	103.85
Ordway 33/12 (D)		0.4666	8.53	68.84%	12.39	-0.0156	-0.0078	-0.0152	0.0215	0.0009	-0.0016	-0.0178	0.5829	8.64	69.73%	12.39	-0.0287	-0.0145	-0.0304	0.0453	0.0030	-0.0035	-0.0288	0.6280	8.68	70.05%	12.39	-0.0421	-0.0217	-0.0455	0.0692	0.0056	-0.0054	-0.0399	0.6486	8.69	70.13%	12.39
Oro Grande 33/12 (D)		0.0001	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	[redacted]		
Outlaw P.T. 33/12 (A)		0.4818	4.95	75.90%	6.52	-0.0092	-0.0031	-0.0081	0.0132	0.0007	-0.0002	-0.0067	0.9520	5.47	83.87%	6.52	-0.0174	-0.0057	-0.0160	0.0271	0.0017	-0.0004	-0.0107	1.2302	5.77	88.47%	6.52	-0.0259	-0.0085	-0.0239	0.0405	0.0035	-0.0006	-0.0149	1.3953	5.94	91.08%	6.52
Outlet P.T. 33/12 (A)		0.7037	11.43	62.80%	18.20	-0.0232	-0.0289	-0.0465	0.0162	0.0022	-0.0009	-0.0811	1.9766	12.74	70.00%	18.20	-0.0370	-0.0451	-0.0801	0.0383	0.0045	-0.0016	-0.1210	1.9811	10.61	58.30%	18.20	-0.0427	-0.0523	-0.1140	0.0641	0.0074	-0.0035	-0.1410	1.9914	10.60	58.24%	18.20
Padua 66/12 (D)		0.0017	130.89	90.03%	145.39	-0.1433	-0.0634	-0.2084	0.6954	0.0176	-0.0064	0.2915	0.7899	131.28	90.30%	145.39	-0.2535	-0.1136	-0.4222	1.4459	0.0440	-0.0115	0.6891	0.7964	133.61	91.90%	145.39	-0.3683	-0.1673	-0.6371	2.1682	0.0875	-0.0166	1.0664	0.8059	133.94	92.13%	145.39
Palm Canyon 33/12 (D)		0.1212	29.95	92.28%	32.46	-0.0476	-0.0257	-0.0634	0.0541	0.0018	-0.0023	-0.0831	2.2800	30.00	92.43%	32.46	-0.0857	-0.0406	-0.1186	0.1121	0.0059	-0.0055	-0.1324	2.2978	29.97	92.34%	32.46	-0.1226	-0.0566	-0.1727	0.1673	0.0124	-0.0088	-0.1810	2.3162	32.28	99.46%	32.46
Palm Canyon 33/4.16 (D)		0.0220	3.39	55.14%	6.15	-0.0046	-0.0025	-0.0080	0.0050	0.0005	-0.0002	-0.0098	0.0287	3.39	55.14%	6.15	-0.0087	-0.0047	-0.0146	0.0103	0.0014	-0.0004	-0.0167	0.0312	3.38	54.98%	6.15	-0.0127	-0.0071	-0.0210	0.0154	0.0027	-0.0007	-0.0234	0.0339	0.00	0.00%	6.15
Palm Village 33/12 (D)		0.5336	50.69	90.34%	56.11	-0.0727	-0.1180	-0.1504	0.0558	0.0031	-0.0059	-0.2881	0.9993	50.94	90.79%	56.11	-0.1372	-0.2203	-0.2829	0.1192	0.0113	-0.0129	-0.5228	1.0000	50.69	90.34%	56.11	-0.1997	-0.3292	-0.4116	0.1842	0.0225	-0.0204	-0.7542	1.0589	50.52	90.04%	56.11
Palmdale 66/12 (D)		0.0037	125.99	96.59%	130.43	-0.1725	-0.0416	-0.2218	0.1921	0.0130	-0.0069	-0.2377	0.0617	125.42	96.16%	130.43	-0.3328	-0.0821	-0.4120	0.3787	0.0282	-0.0124	-0.4324	0.0898	125.21	95.99%	130.43	-0.5182	-0.1271	-0.6027	0.5617	0.0522	-0.0178	-0.6519	0.3222	125.23	96.01%	130.43
Palos Verdes 16/4.16 (D)		0.0001	5.64	75.84%	7.44	0.0000	0.0000	-0.0062	0.1222	0.0086	-0.0021	0.1225	0.0010	5.78	77.72%	7.44	0.0000	0.0000	-0.0114	0.2436	0.0261	-0.0039	0.2544	0.0014	5.93	79.74%	7.44	0.0000	0.0000	-0.0165	0.3640	0.0458	-0.0049	0.3884	0.0023	6.08	81.75%	7.44
Papaya P.T. 12/4.16 (A)		0.0000	1.12	86.16%	1.30	-0.0014	-0.0002	-0.0013	0.0027	0.0004	0.0000	0.0002	0.0000	1.12	86.16%	1.30	-0.0026	-0.0003	-0.0028	0.0055	0.0010	0.0000	0.0008	0.0106	1.14	87.70%	1.30	-0.0038	-0.0005	-0.0043	0.0081	0.0020	0.0000	0.0015	0.0000	0.00	0.00%	1.30
Parker Strip 33/12 (D)		0.0000	4.81	98.67%	4.88	-0.0005	-0.0009	-0.0058	0.0007	0.0002	-0.0002	-0.0065	0.0000	4.80	98.46%	4.88	-0.0010	-0.0017	-0.0101	0.0014	0.0006	-0.0004	-0.0112	0.0000	4.80	98.46%	4.88	-0.0014	-0.0025	-0.0142	0.0020	0.0010	-0.0006	-0.0157	0.0000	4.80	98.46%	4.88
Parkwood 66/12 (D)		0.0002	71.59	76.47%	93.62	-0.0885	-0.0706	-0.1501	0.3004	0.0094	-0.0039	-0.0033	0.7828	72.45	77.39%	93.62	-0.1768	-0.1363	-0.2904	0.5975	0.0217	-0.0073	0.0084	0.7856	72.49	77.43%	93.62	-0.2618	-0.2019	-0.4254	0.9037	0.0414	-0.0107	0.0453	0.7899	72.46	77.40%	93.62
Passons 66/12 (D)		0.6155	58.41	80.66%	72.41	-0.0855	-0.0925	-0.1583	0.1493	0.0059	-0.0053	-0.1864	2.1779	59.96	82.80%	72.41	-0.1519	-0.1710	-0.3004	0.3199	0.0161	-0.0101	-0.2974	2.1851	59.84	82.64%	72.41	-0.2282	-0.2551	-0.4427	0.4929	0.0295	-0.0147	-0.4183	2.2330	59.75	82.51%	72.41
Pauba 115/12 (D)		0.2407	46.81	72.70%	64.39	-0.2991	-0.0276	-0.0677	0.3183	0.0052	-0.0023	-0.0732	0.6461	47.34	73.52%	64.39	-0.5067	-0.0472	-0.1325	0.6919	0.0145	-0.0048	0.0152	0.9910	47.79	74.22%	64.39	-0.7137	-0.0683	-0.1936	1.0520	0.0266	-0.0073	0.0957	1.2186	48.11	74.72%	64.39
Peacock U.G.S. 16/4.16 (A)		0.0000	0.32	21.30%	1.50	0.0000	0.0000	-0.0002	0.0047	0.0041	-0.0001	0.0085	0.0000	0.33	21.96%	1.50	0.0000	0.0000	-0.0004	0.0096	0.0086	-0.0002	0.0176	0.0000	0.34	22.63%	1.50	0.0000	0.0000	-0.0006	0.0143	0.0131	-0.0003	0.0265	0.0000	0.34	22.63%	1.50
Peacor P.T. 33/12 (A)		0.0001	1.72	95.56%	1.80	-0.0037	0.0000	-0.0007	0.0003	0.0037	0.0001	-0.0003	0.0009	1.73	96.11%	1.80	-0.0037	0.0000	-0.0017	0.0008	0.0080	-0.0005	0.0029	0.0012	1.73	96.11%	1.80	-0.0072	0.0000	-0.0025	0.0012	0.0124	-0.0003	0.0036	0.0019	1.73	96.11%	1.80
Pearl 16/4.16 (D)		0.0324	4.63	80.40%	5.76	0.0000	0.0000	-0.0047	0.0879	0.0100	-0.0016	0.0916	0.0423	4.75	82.48%	5.76	0.0000	0.0000	-0.0089	0.1864	0.0202	-0.0026	0.1951	0.0456	4.86	84.39%	5.76	0.0000	0.0000	-0.0129	0.2829	0.0305	-0.0036	0.2969	0.0476	4.97	86.30%	5.76
Pechanga 115/12 (D)		0.0019	102.40	93.78%	109.20	-0.5152	-0.0817	-0.1741	0.3034	0.0109	-0.0017	-0.4584	0.0287	102.17	93.57%	109.20	-0.8899	-0.1492	-0.3327	0.6486	0.0292	-0.0047	-0.6987	0.0392	101.97	93.38%	109.20	-1.2289	-0.2168	-0.4813	0.9956	0.0541	-0.0118	-0.8891	0.0633	101.79	93.22%	109.20
Pechanga 115/33 (D)		0.0007	[redacted]			0.0000	0.0000	-0.0058	0.0572	0.0072	-0.0019	0.0567	0.0112	[redacted]			0.0000	0.0000	-0.0122	0.1375	0.0148	-0.0030	0.1371	0.0162	[redacted]			0.0000	0.0000	-0.0187	0.2437	0.0230	-0.0038	0.2442	0.0769	[redacted]		
Pedestrian P.T. 16/4.16 (A)		0.0000	2.54	73.67%	3.45	-0.0005	-0.0007	-0.0044	0.0111	0.0006	-0.0007	0.0054	0.0004	2.54	73.67%	3.45	-0.0009	-0.0014	-0.0085	0.0226	0.0015	-0.0015	0.0118	0.0004	2.55	73.96%	3.45	-0.0014	-0.0021	-0.0126	0.0334	0.0028	-0.0023	0.0178	0.0004	2.56	74.25%	3.45
Pedley 66/12 (D)		0.3732	71.79	98.61%	72.81	-0.2853	-0.0700	-0.1527	0.2050	0.0060	-0.0017	-0.2987	0.8187	72.16	99.11%	72.81	-0.4715	-0.1236	-0.2910	0.4597	0.0186	-0.0034	-0.4112	0.9780	69.74	95.79%	72.81	-0.6663	-0.1812	-0.4205	0.7058	0.0361	-0.0051	-0.5312	1.1121	69.75	95.80%	72.81
Peerless 33/12 (D)		0.0000	0.74	49.33%	1.50	-0.0006	0.0000	-0.0001	0.0003	0.0019	0.0000	0.0015	0.0000	0.74	49.33%	1.50	-0.0008	0.0000	-0.0002	0.0006	0.0050	0.0000	0.0046	0.0000	0.75	50.00%	1.50	-0.0010	0.0000	-0.0003	0.0010	0.0083	0.0000	0.0080	0.0000	0.75	50.00%	1.50
Penitentiary P.T. 33/12 (A)		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]		
Pepper 115/12 (D)		0.8009	78.64	82.71%	95.08	-0.1578	-0.0699	-0.1465	0.1657	0.0091	-0.0021	-0.2015	1.6560	79.44	83.55%	95.08	-0.2729	-0.1244	-0.2905	0.3532	0.0232	-0.0045	-0.3159	1.7106	80.35	84.50%	95.08	-0.3997	-0.1828	-0.4346	0.5421	0.0448	-0.0069	-0.4371	1.7748	80.27	84.42%	95.08
Perez 33/4.16 (D)		0.4579	1.84	57.03%	3.23	-0.0023	-0.0008	-0.0017	0.0044	0.0011	-0.0001	0.0006	0.6610	2.06	63.85%	3.23	-0.0042	-0.0015	-0.0033	0.0090	0.0026	-0.0002	0.0024	0.7619	1.34	41.53%	3.23	-0.0061	-0.0022	-0.0049	0.0134	0.0047	-0.0003	0.0046	0.8781	0.00	0.00%	3.23
Perris P.T. 33/12 (A)		0.1470	3.98	61.03%	6.52	-0.0159	-0.0045	-0.0061	0.0029	0.0008	0.0000	-0.0228	0.1470	3.97	60.87%	6.52	-0.0245	-0.0071	-0.0127	0.0068	0.0015	-0.0002	-0.0362	0.1470	3.95	60.57%	6.52	-0.0332	-0.0099	-0.0189	0.0105	0.0024	-0.0004	-0.0495	0.1470	3.94	60.41%	6.52
Perry 16/4.16 (D)		0.0000	9.19	77.58%	11.85	-0.0150	-0.0050	-0.0129	0.1547	0.0057	-0.0005	0.1270	0.0000	9.32	78.68%	11.85	-0.0291	-0.0102	-0.0282	0.3079	0.0142	-0.0009	0.2537	0.0000	9.45	79.77%	11.85	-0.0445	-0.0157	-0.0473	0.4569	0.0213	-0.0012	0.3695	0.0201	9.58	80.87%	11.85
Peyton 66/12 (D)		2.1128	102.80	79.48%	129.35	-0.1116	-0.1147	-0.2184	0.5214	0.0092	-0.0041	0.0818	2.1308	103.01	79.64%	129.35	-0.2004	-0.2139	-0.4190	1.0715	0.0235	-0.0077	0.2540	6.7662	108.30	83.73%	129.35	-0.2918	-0.3168	-0.6162	1.6056	0.0462	-0.0113	0.4157	9.2530	111.19	85.96%	129.35
Pheasant P.T. 33/12 (A)		0.0000	1.03	83.12%	1.24	-0.0028	0.0000	-0.0009	0.0103	0.0006	-0.0008	0.0064	0.0000	1.04	83.93%	1.24	-0.0054	0.0000	-0.0019	0.0212	0.0013	-0.0015	0.0137	0.0000	1.05	84.74%	1.24	-0.0082	0.0000	-0.0029	0.0317	0.0022	-0.0022	0.0206	0.0000	1.06	85.55%	1.24
Phelan 115/12 (D)		0.0012	35.03	61.67%	56.80	-0.1995	-0.0199	-0.0546	0.0607	0.0105	0.0067	-0.1961	0.0219	34.86	61.37%	56.80	-0.3782	-0.0403	-0.1154	0.1354	0.0226	0.0093	-0.3666	0.0316	34.69	61.07%	56.80	-0.5642	-0.0623	-0.1768	0.2165	0.0368	0.0120	-0.5380	0.0562	34.53	60.79%	56.80
Phelan 115/33 (D)		0.0016	[redacted]			0.0000	0.0000	-0.0078	0.0364	0.0127	-0.0007	0.0406	0.0039	[redacted]			0.0000	0.0000	-0.0151	0.0777	0.0280	-0.0009	0.0897	0.0048	[redacted]			0.0000	0.0000	-0.0222	0.1235	0.0449	-0.0011	0.1451	0.0058	[redacted]		
Pico 66/12 (D)		3.8680	48.67	46.51%	104.65	-0.0043	-0.0603	-0.1851	0.1287	0.0214	0.0005	-0.0991	3.8825	48.69	46.53%	104.65	-0.0084	-0.1053	-0.3076	0.2786	0.0459	0.0011	-0.0957	3.8896	48.70	46.54%	104.65	-0.0126	-0.1543	-0.4310	0.4322	0.0744	0.0014	-0.0899	3.9006	48.76	46.59%	104.65
Pierpont 16/4.16 (D)		0.0003	6.99	46.61%	15.00	-0.0025	-0.0007	-0.0108	0.0833	0.0115	-0.0013	0.0795	0.0027	7.08	47.21%	15.00	-0.0048	-0.0013	-0.0204	0.1695	0.0231	-0.0026	0.1635	0.0032	7.17	47.81%	15.00	-0.0071	-0.0019	-0.0299	0.2536	0.0361	-0.0039	0.2469	0.0032	7.26	48.41%	15.00
Pioneer 12/4.16 (D)		0.0002	7.83	54.14%	14.46	-0.0120	-0.0003	-0.0078	0.0433	0.0028	-0.0004	0.0256	0.0040	7.87	54.42%	14.46	-0.0215	-0.0006	-0.0165	0.0886	0.0074	-0.0010	0.0564	0.0057	7.16	49.51%	14.46	-0.0329	-0.0009	-0.0254	0.1310	0.0136	-0.0016	0.0838	0.0097	7.19	49.72%	14.46
Pioneer 66/12 (D)		0.5341	58.69	90.96%	64.52	-0.0690	-0.1232	-0.2380	0.1435	0.0086	-0.0033	-0.2814	1.8067	59.88	92.81%	64.52	-0.1167	-0.2134	-0.4354	0.3150	0.0216	-0.0067	-0.4356	1.8130	58.97	91.40%	64.52	-0.1733	-0.3104	-0.6313	0.4852	0.0407	-0.0101	-0.5992	1.8490	58.76	91.07%	64.52
Pitman 33/12 (D)		0.0000	3.07	17.41%	17.63	-0.0018	-0.0023	-0.0032	0.0009	0.0019	-0.0008	-0.0053	0.0000	3.06	17.36%	17.63	-0.0036	-0.0043	-0.0060	0.0020	0.0039	-0.0015	-0.0095	0.0000	3.06	17.36%	17.63	-0.0054	-0.0065	-0.0085	0.0032	0.0059	-0.0023	-0.0136	0.0000	3.06	17.36%	17.63
Piute 66/12 (D)		0.0003	10.90	59.89%	18.20	-0.0208	-0.0072	-0.0147	0.0284	0.0052	0.0004	-0.0087	0.0049	10.92	60.00%	18.20	-0.0302	-0.0107	-0.0298	0.0626	0.0121	0.0006	0.0046	0.0072	10.94	60.11%	18.20	-0.0399	-0.0145	-0.0449	0.0976	0.0197	0.0007	0.0187	0.0109	10.95	60.16%	18.20
Pixley 66/12 (D)		0.0011	35.96	50.10%	71.78	-0.0186	-0.0358	-0.0650	0.0111	0.0050	-0.0011	-0.1044	0.0153	35.88	49.98%	71.78	-0.0367	-0.0650	-0.1271	0.0239	0.0109	-0.0023	-0.1963	0.0205	35.81	49.89%	71.78	-0.0459	-0.0842	-0.1871	0.0380	0.0183	-0.0047	-0.2656	0.0416	35.77	49.83%	71.78
Placentia 66/12 (D)		2.7326	80.07	92.45%	86.61	-0.0864	-0.1390	-0.2212	0.2978	0.0094	-0.0031	-0.1425	4.1619	81.56	94.17%	86.61	-0.1617	-0.2541	-0.4075	0.6135	0.0218	-0.0069	-0.1949	4.6434	82.02	94.70%	86.61	-0.2422	-0.3747	-0.5831	0.9222	0.0396	-0.0099	-0.2481	5.0084	82.31	95.04%	86.61
Playa 16/4.16 (D)		0.0000	4.07	65.47%	6.22	0.0000	0.0000	-0.0034	0.0837	0.0056	-0.0009	0.0850	0.0004	4.17	67.08%	6.22	0.0000	0.0000	-0.0073	0.1749	0.0125	-0.0022	0.1779	0.0005	4.26	68.53%	6.22	0.0000	0.0000	-0.0113	0.2642	0.0205	-0.0035	0.2699	0.0005	4.26	68.53%	6.22
Pomona 12/4.16 (D)		0.0001	9.80	82.36%	11.90	-0.0100	-0.0093	-0.0193	0.0397	0.0022	-0.0014	0.0019	0.0021	9.81	82.44%	11.90	-0.0181	-0.0180	-0.0379	0.0813	0.0054	-0.0026	0.0101	0.0029	9.82	82.53%	11.90	-0.0271	-0.0272	-0.0563	0.1210	0.0107	-0.0039	0.0172	0.0202	9.27	77.90%	11.90
Poole 7/12 (D)		0.0000	[redacted]			-0.0005	-0.0002	-0.0002	0.0006	0.0001	0.0012	0.0010	0.0000	[redacted]			-0.0010	-0.0004	-0.0004	0.0013	0.0002	0.0013	0.0010	0.0121	[redacted]			-0.0015	-0.0006	-0.0006	0.0021	0.0003	0.0014	0.0011	0.3850	[redacted]		
Poplar 66/12 (D)		0.0006	24.56	47.07%	52.17	-0.0154	-0.0234	-0.0336	0.0239	0.0073	-0.0003	-0.0415	0.0102	24.55	47.05%	52.17	-0.0291	-0.0408	-0.0648	0.0524	0.0153	0.0000	-0.0670	0.0144	24.53	47.02%	52.17	-0.0425	-0.0596	-0.0964	0.0844	0.0239	0.0001	-0.0901	0.0358	24.54	47.04%	52.17
Porterville 66/12 (D)		0.0016	125.95	86.91%	144.91	-0.1492	-0.1276	-0.3157	0.2015	0.0113	-0.0186	-0.3983	0.0224	125.68	86.73%	144.91	-0.2698	-0.2358	-0.5931	0.4192	0.0403	-0.0364	-0.6756	2.5120	136.90	94.47%	144.91	-0.3876	-0.3468	-0.8775	0.6422	0.0800	-0.0548	-0.9445	2.5890	136.68	94.32%	144.91
Porterville 66/4.16 (D)		0.0000	7.99	88.77%	9.00	-0.0072	-0.0110	-0.0195	0.0162	0.0016	-0.0016	-0.0215	0.0006	7.98	88.66%	9.00	-0.0130	-0.0202	-0.0368	0.0338	0.0057	-0.0032	-0.0337	0.0000	0.00	0.00%	9.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Potrero 66/16 (D)		0.0033	96.93	67.40%	143.82	-0.1095	-0.1351	-0.2783	0.3493	0.0075	-0.0057	-0.1718	0.0536	96.93	67.40%	143.82	-0.1988	-0.2536	-0.5079	0.7234	0.0215	-0.0113	-0.2267	3.5278	100.71	70.02%	143.82	-0.2884	-0.3691	-0.7207	1.1058	0.0391	-0.0182	-0.2515	5.8098	103.15	71.72%	143.82
Proctor 66/12 (D)		0.0007	48.21	86.09%	56.00	-0.0091	-0.1470	-0.1703	0.0480	0.0278	-0.0002	-0.2508	0.0116	48.01	85.73%	56.00	-0.0180	-0.2724	-0.3200	0.0969	0.0587	0.0001	-0.4547	0.0155	47.80	85.36%	56.00	-0.0270	-0.4049	-0.4675	0.1467	0.0901	0.0004	-0.6622	0.0236	47.60	85.00%	56.00
Pruitt P.T. 16/4.16 (A)		0.0905	0.68	52.14%	1.30	-0.0023	-0.0003	-0.0009	0.0124	0.0007	0.0000	0.0096	0.1173	0.72	55.20%	1.30	-0.0040	-0.0006	-0.0020	0.0256	0.0019	0.0000	0.0209	0.1266	0.74	56.74%	1.30	-0.0060	-0.0009	-0.0033	0.0384	0.0029	0.0000	0.0311	0.1327	0.76	58.27%	1.30
Puente 66/12 (D)		1.2883	60.25	86.05%	70.02	-0.0555	-0.1185	-0.1905	0.1625	0.0061	-0.0027	-0.1986	1.3076	60.14	85.89%	70.02	-0.1005	-0.2182	-0.3585	0.3436	0.0165	-0.0046	-0.3217	1.3149	60.00	85.69%	70.02	-0.1507	-0.3182	-0.5241	0.5110	0.0312	-0.0065	-0.4573	1.3273	59.86	85.49%	70.02
Quartz Hill 66/12 (D)	GNA_2023	0.0021	78.20	119.99%	65.17	-0.0988	-0.0166	-0.0914	0.1501	0.0043	-0.0019	-0.0543	0.0349	68.23	104.69%	65.17	-0.1728	-0.0326	-0.1867	0.3170	0.0148	-0.0046	-0.0649	0.0501	68.24	95.21%	71.67	-0.2510	-0.0497	-0.2807	0.4869	0.0276	-0.0072	-0.0741	0.2774	68.48	95.54%	71.67
Queen Mary U.G.S. 12/4.16 (A)		0.0000	[redacted]			0.0000	0.0000	-0.0017	0.0010	0.0005	0.0000	-0.0002	0.0000	[redacted]			0.0000	0.0000	-0.0028	0.0020	0.0009	0.0000	0.0001	0.0001	[redacted]			-0.0001	-0.0018	-0.0053	0.0026	0.0013	0.0000	-0.0033	0.0004	[redacted]		
Quinn 66/12 (D)	GNA_2023	0.3099	22.93	63.01%	36.39	-0.0089	-0.0271	-0.0249	0.0119	0.0043	0.0023	-0.0424	0.4037	22.99	63.17%	36.39	-0.0173	-0.0475	-0.0480	0.0288	0.0086	0.0028	-0.0726	0.4364	23.00	63.20%	36.39	-0.0246	-0.0671	-0.0715	0.0503	0.0135	0.0033	-0.0961	0.4622	23.01	63.23%	36.39
Railroad 66/12 (D)		0.0027	106.29	80.90%	131.39	-0.1209	-0.1544	-0.2888	0.3479	0.0099	-0.0087	-0.2150	0.0335	109.22	83.13%	131.39	-0.2160	-0.2844	-0.5497	0.7222	0.0269	-0.0164	-0.3174	1.4312	110.58	84.16%	131.39	-0.3172	-0.4316	-0.8160	1.0697	0.0509	-0.0246	-0.4688	4.4181	113.63	86.48%	131.39
Ramona 66/4.16 (D)		0.0002	19.96	62.90%	31.73	-0.0120	-0.0061	-0.0287	0.1087	0.0053	-0.0023	0.0649	0.0036	20.04	63.15%	31.73	-0.0219	-0.0119	-0.0578	0.2223	0.0136	-0.0048	0.1395	0.0051	19.63	61.86%	31.73	-0.0334	-0.0180	-0.0872	0.3298	0.0257	-0.0074	0.2095	0.0088	19.70	62.08%	31.73
Rancho 33/12 (D)		0.8137	50.86	88.02%	57.78	-0.1175	-0.0267	-0.1202	0.1340	0.0072	-0.0045	-0.1277	1.1111	51.07	88.38%	57.78	-0.2307	-0.0591	-0.2210	0.2672	0.0162	-0.0081	-0.2355	1.2388	51.08	88.40%	57.78	-0.3534	-0.0937	-0.3183	0.3970	0.0279	-0.0118	-0.3523	1.3579	51.08	88.40%	57.78
Randall 66/12 (D)		0.3385	125.96	97.01%	129.85	-0.1063	-0.0912	-0.2227	0.5176	0.0153	-0.0054	0.1073	0.4453	124.77	96.09%	129.85	-0.1949	-0.1704	-0.4477	1.0691	0.0369	-0.0102	0.2828	0.4825	125.01	96.27%	129.85	-0.2810	-0.2479	-0.6738	1.6086	0.0727	-0.0150	0.4636	0.5172	125.26	96.47%	129.85
Randolph 66/16 (D)		2.1374	49.42	70.36%	70.24	-0.0176	-0.0833	-0.1785	0.1965	0.0085	-0.0097	-0.0841	7.7174	55.27	78.69%	70.24	-0.0368	-0.1741	-0.3267	0.3921	0.0208	-0.0185	-0.1432	7.7520	55.25	78.66%	70.24	-0.0554	-0.2641	-0.4719	0.5868	0.0376	-0.0278	-0.1948	7.8846	55.34	78.79%	70.24
Randsburg 115/33 (D)	GNA_2023	18.3496	[redacted]			-0.0431	-0.0062	-0.0200	0.0217	0.0064	0.0000	-0.0412	18.3545	[redacted]			-0.0762	-0.0101	-0.0395	0.0557	0.0124	-0.0005	-0.0582	61.0120	[redacted]			-0.1159	-0.0152	-0.0578	0.0910	0.0196	-0.0005	-0.0788	85.4933	[redacted]		
Ravendale 66/16 (D)		0.3333	89.11	83.56%	106.65	-0.0650	-0.1098	-0.2005	0.4614	0.0118	-0.0091	0.0888	0.6687	89.67	84.08%	106.65	-0.1180	-0.2065	-0.3925	0.9614	0.0332	-0.0174	0.2602	0.7882	88.82	83.28%	106.65	-0.1762	-0.3100	-0.5857	1.4568	0.0642	-0.0245	0.4246	0.8650	89.15	83.59%	106.65
Ravendale 66/4.16 (D)		0.0001	9.59	62.86%	15.26	-0.0081	-0.0021	-0.0096	0.0554	0.0023	-0.0002	0.0377	0.0010	9.64	63.19%	15.26	-0.0141	-0.0039	-0.0204	0.1183	0.0060	-0.0004	0.0855	0.0014	9.70	63.58%	15.26	-0.0204	-0.0058	-0.0313	0.1790	0.0114	-0.0006	0.1323	0.0023	9.31	61.03%	15.26
Rector 66/12 (D)		0.2188	68.81	95.95%	71.72	-0.0981	-0.0406	-0.1144	0.1084	0.0084	-0.0066	-0.1429	0.3074	68.83	95.97%	71.72	-0.1629	-0.0672	-0.2219	0.2231	0.0272	-0.0149	-0.2166	0.3371	68.75	95.86%	71.72	-0.2483	-0.1048	-0.3380	0.3388	0.0513	-0.0225	-0.3235	0.3650	68.68	95.76%	71.72
Red Box P.T. 33/16 (A)		0.0000	[redacted]			0.0000	0.0000	-0.0001	0.0002	0.0003	0.0000	0.0004	0.0000	[redacted]			0.0000	0.0000	-0.0002	0.0004	0.0010	0.0000	0.0012	0.0000	[redacted]			0.0000	0.0000	-0.0003	0.0006	0.0018	0.0000	0.0021	0.0000	[redacted]		
Redlands 66/12 (D)		0.2280	62.73	87.57%	71.63	-0.1237	-0.0937	-0.1701	0.1686	0.0080	-0.0045	-0.2154	0.2504	62.60	87.39%	71.63	-0.2214	-0.1758	-0.3204	0.3512	0.0204	-0.0087	-0.3547	3.8888	66.45	92.77%	71.63	-0.3227	-0.2541	-0.4706	0.5348	0.0407	-0.0126	-0.4845	5.8643	68.43	95.53%	71.63
Redlands 66/4.16 (D)		0.0003	11.46	66.77%	17.16	-0.0221	-0.0100	-0.0195	0.0382	0.0035	-0.0007	-0.0106	0.0035	11.46	66.77%	17.16	-0.0395	-0.0193	-0.0388	0.0780	0.0085	-0.0013	-0.0124	0.0045	11.46	66.77%	17.16	-0.0586	-0.0291	-0.0581	0.1156	0.0168	-0.0019	-0.0153	0.0060	11.46	66.77%	17.16

2026							2027											Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
-0.2071	-0.2467	-0.5600	0.6191	0.0392	-0.0269	-0.3824	5.1891	58.15	80.08%	72.62	-0.2710	-0.3076	-0.6888	0.7572	0.0574	-0.0329	-0.4857	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0173	0.0000	-0.0055	0.0091	0.0041	0.0000	-0.0096	0.0064	1.12	86.15%	1.30	-0.0218	0.0000	-0.0067	0.0110	0.0058	0.0000	-0.0117	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0345	-0.0151	-0.0565	0.3341	0.0269	-0.0037	0.2512	0.0000	11.43	59.11%	19.34	-0.0442	-0.0190	-0.0698	0.4035	0.0398	-0.0048	0.3055	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1758	-1.0457	-1.5389	0.5935	0.0475	-0.0112	-2.1306	16.0828	124.75	86.65%	143.98	-0.2121	-1.3127	-1.8456	0.7908	0.0582	-0.0126	-2.5340	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0057	-0.0075	-0.0246	0.0158	0.0345	0.0014	0.0139	0.7160	14.15	53.62%	26.39	-0.0073	-0.0095	-0.0292	0.0198	0.0431	0.0017	0.0186	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0025	-0.0004	-0.0212	0.0067	0.0043	-0.0070	-0.0201	0.0000	[redacted]			-0.0031	-0.0005	-0.0265	0.0095	0.0060	-0.0091	-0.0237	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2641	-0.3034	-0.6273	0.3199	0.0645	-0.0075	-0.8179	17.5644	107.88	98.79%	109.20	-0.3263	-0.3823	-0.7613	0.3854	0.0872	-0.0103	-1.0076	0.00	3.72	14.33	30.26	35.09	0.00%	5.11%	19.69%	41.58%	48.21%
-0.0009	0.0000	-0.0010	0.0291	0.0046	-0.0004	0.0314	0.0010	0.41	51.68%	0.79	-0.0011	0.0000	-0.0012	0.0348	0.0065	-0.0005	0.0385	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0054	-0.0032	-0.0089	0.0051	0.0036	-0.0021	-0.0109	0.0040	0.83	42.42%	1.96	-0.0061	-0.0037	-0.0108	0.0062	0.0052	-0.0027	-0.0119	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7552	-0.2183	-0.6530	2.8985	0.1137	-0.0137	1.3720	5.6953	120.62	93.11%	129.54	-0.9333	-0.2727	-0.7935	3.5389	0.1787	-0.0171	1.7010	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0123	-0.0152	-0.0762	0.4738	0.0553	-0.0139	0.4115	0.0021	11.17	75.10%	14.87	-0.0144	-0.0178	-0.0931	0.5796	0.0752	-0.0184	0.5111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0959	-0.1385	-0.2881	0.4797	0.0213	-0.0124	-0.0339	1.4825	25.77	71.11%	36.24	-0.1234	-0.1781	-0.3499	0.6798	0.0311	-0.0152	0.0443	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0373	-0.0076	-0.0521	0.2671	0.0271	-0.0063	0.1909	0.0404	13.04	87.22%	14.95	-0.0483	-0.0094	-0.0642	0.3220	0.0403	-0.0083	0.2321	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0071	-0.0107	-0.0320	0.1810	0.0315	-0.0055	0.1572	0.0001	4.79	79.79%	6.00	-0.0093	-0.0136	-0.0392	0.2214	0.0417	-0.0067	0.1943	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5723	-0.3925	-0.8011	2.2750	0.0734	-0.0078	0.5747	2.6907	96.21	69.96%	137.53	-0.7186	-0.4956	-0.9656	2.8303	0.1033	-0.0086	0.7452	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.3390	-1.2658	-1.2908	1.0047	0.0835	-0.0259	-2.8333	12.0455	133.49	92.09%	144.96	-1.6435	-1.6028	-1.5760	1.2409	0.1258	-0.0336	-3.4892	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.2614	-0.0664	-0.2745	0.9100	0.0688	-0.0019	-0.6254	0.0490	54.25	93.29%	58.15	-1.5965	-0.0830	-0.3338	1.1045	0.1038	-0.0028	-0.8078	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0075	-0.0120	-0.0386	0.1971	0.0185	-0.0054	0.1521	0.0993	5.04	84.71%	5.95	-0.0093	-0.0154	-0.0481	0.2361	0.0249	-0.0070	0.1812	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0331	-0.0022	-0.0197	0.0283	0.0057	-0.0045	-0.0255	0.0048	2.73	42.00%	6.50	-0.0373	-0.0025	-0.0241	0.0350	0.0082	-0.0058	-0.0265	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1510	-0.2104	-0.3407	1.7962	0.0949	-0.0368	1.1522	0.3349	35.19	84.09%	41.85	-0.2165	-0.2772	-0.4061	2.1567	0.1383	-0.0426	1.3526	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7227	-0.6422	-0.8760	1.4506	0.1881	-0.0124	-0.6146	4.5454	103.31	71.09%	145.33	-0.9118	-0.8031	-1.0671	1.7924	0.2533	-0.0124	-0.7487	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0093	-0.0674	-0.1162	0.0000	0.0049	0.0000	-0.1880	0.0000	[redacted]			-0.0112	-0.0859	-0.1462	0.0000	0.0056	0.0000	-0.2377	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0266	-0.0307	-0.0710	0.0000	0.0030	-0.0021	-0.1274	8.1290	[redacted]			-0.0294	-0.0350	-0.0859	0.0000	0.0036	-0.0028	-0.1495	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0327	-0.1339	-0.3675	0.4557	0.0198	-0.0077	-0.0663	13.8107	39.46	67.86%	58.15	-0.0380	-0.1589	-0.4504	0.5561	0.0301	-0.0080	-0.0691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0022	0.0253	0.0155	-0.0005	0.0381	0.2080	0.72	73.74%	0.98	0.0000	0.0000	-0.0027	0.0309	0.0204	-0.0007	0.0479	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0363	-0.0349	-0.1468	0.1286	0.0512	-0.0009	-0.0391	1.2475	17.32	61.86%	28.00	-0.0473	-0.0444	-0.1792	0.1601	0.0655	-0.0013	-0.0466	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0599	-0.0196	-0.0928	0.1083	0.0277	-0.0063	-0.0426	0.0000	9.71	34.65%	28.02	-0.0719	-0.0239	-0.1137	0.1305	0.0423	-0.0086	-0.0453	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0032	-0.0472	-0.1364	0.0661	0.0024	-0.0001	-0.1184	0.0000	3.82	29.38%	13.00	-0.0039	-0.0601	-0.1633	0.0796	0.0024	-0.0001	-0.1454	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1547	-0.2131	-0.4026	0.4532	0.0437	-0.0162	-0.2897	0.0145	46.20	63.46%	72.80	-0.1942	-0.2745	-0.4927	0.5534	0.0617	-0.0196	-0.3659	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2019	-0.2266	-0.1927	0.2766	0.0265	-0.0126	-0.3307	0.4147	27.54	76.50%	36.00	-0.2423	-0.2857	-0.2355	0.3429	0.0376	-0.0162	-0.3992	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0334	0.1213	0.0278	-0.0032	0.1125	0.0101	6.89	99.26%	6.94	0.0000	0.0000	-0.0412	0.1473	0.0383	-0.0041	0.1403	0.10	0.10	0.50	0.50	0.50	1.64%	1.64%	8.20%	8.20%	8.20%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4694	-0.5226	-1.0464	1.2928	0.1079	-0.0329	-0.6706	3.9669	125.27	96.49%	129.83	-0.5999	-0.6712	-1.2657	1.5752	0.1645	-0.0390	-0.8361	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2440	-0.4375	-0.9088	1.6541	0.0892	-0.0287	0.1243	1.4171	99.22	75.46%	131.48	-0.3087	-0.5546	-1.1102	2.0560	0.1269	-0.0359	0.1735	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0675	-0.0274	-0.0673	0.4234	0.0095	0.0031	0.2738	0.0015	[redacted]			-0.0865	-0.0339	-0.0784	0.5324	0.0138	0.0043	0.3517	0.92	0.92	0.92	0.92	0.92	[redacted]				
-0.8929	-0.3387	-0.6241	0.5663	0.0937	-0.0181	-1.2138	3.9486	86.23	92.29%	93.43	-1.0833	-0.4254	-0.7555	0.7004	0.1377	-0.0258	-1.4519	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6475	-0.0335	-0.3476	0.2684	0.2511	0.0044	-0.5047	0.9767	59.86	50.13%	119.40	-0.7957	-0.0390	-0.4199	0.3353	0.2648	0.0060	-0.6485	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1461	-0.3762	-0.5898	0.9298	0.0419	-0.0145	-0.1549	1.5974	50.35	87.27%	57.70	-0.1903	-0.4859	-0.7144	1.1589	0.0667	-0.0172	-0.1822	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0220	-0.0024	-0.0559	0.4842	0.0572	-0.0063	0.4548	0.0166	11.81	47.64%	24.79	-0.0273	-0.0034	-0.0668	0.6181	0.0804	-0.0074	0.5936	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3892	-0.4164	-0.9267	2.7413	0.0940	-0.0270	1.0760	4.8149	107.63	83.09%	129.53	-0.4715	-0.5210	-1.1188	3.3984	0.1352	-0.0347	1.3876	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.7906	-0.2929	-0.8430	1.4874	0.1990	-0.0104	-1.2505	11.6336	127.88	89.56%	142.78	-2.1872	-0.3685	-1.0331	1.8173	0.2928	-0.0133	-1.4920	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4716	-0.5415	-1.3547	3.9666	0.0585	-0.0248	1.6325	6.4819	134.50	92.74%	145.03	-0.5815	-0.6704	-1.6498	5.2253	0.0884	-0.0320	2.3800	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1156	-0.1380	-0.2705	0.3643	0.0207	-0.0154	-0.1545	0.0045	28.31	77.94%	36.32	-0.1513	-0.1749	-0.3321	0.4456	0.0298	-0.0192	-0.2021	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0893	-0.0111	-0.0671	0.2724	0.0296	-0.0038	0.1307	0.0176	12.92	84.90%	15.22	-0.1221	-0.0145	-0.0828	0.3285	0.0429	-0.0044	0.1476	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3993	-0.4832	-0.8471	2.1048	0.0596	-0.0042	0.4306	0.3105	80.19	74.11%	108.21	-0.5043	-0.6142	-1.0347	2.5880	0.0866	-0.0051	0.5163	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0032	-0.0002	-0.0032	0.0280	0.0025	0.0000	0.0239	0.0000	0.61	57.12%	1.07	-0.0041	-0.0003	-0.0038	0.0342	0.0040	0.0000	0.0300	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5021	-0.4034	-0.7349	1.3263	0.0541	-0.0266	-0.2866	2.3932	88.07	76.73%	114.78	-0.6436	-0.5056	-0.8938	1.6345	0.0807	-0.0333	-0.3611	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0779	-0.2514	-0.3718	0.5849	0.0254	-0.0035	-0.0943	10.1218	45.00	77.31%	58.21	-0.0967	-0.3198	-0.4489	0.7404	0.0378	-0.0045	-0.0917	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0238	-0.0024	-0.0049	0.0101	0.0029	-0.0004	-0.0185	0.0000	1.25	14.86%	8.41	-0.0264	-0.0029	-0.0061	0.0131	0.0044	-0.0008	-0.0187	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0103	-0.0012	-0.0063	0.0082	0.0029	-0.0004	-0.0071	0.1494	0.45	24.07%	1.87	-0.0132	-0.0015	-0.0077	0.0101	0.0045	-0.0005	-0.0083	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2312	-0.2638	-0.7973	1.7538	0.0518	-0.0376	0.4757	0.2704	109.12	93.34%	116.91	-0.2903	-0.3305	-0.9770	2.1410	0.0775	-0.0472	0.5735	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0701	-0.0019	-0.0623	0.1572	0.0396	-0.0184	0.0441	0.0649	11.25	78.61%	14.31	-0.0805	-0.0022	-0.0763	0.1909	0.0504	-0.0242	0.0581	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3172	-1.0544	-1.3125	0.4219	0.0798	-0.0246	-2.2070	10.0555	94.79	79.54%	119.17	-0.3984	-1.3411	-1.5855	0.5209	0.1116	-0.0308	-2.7233	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2579	-0.1556	-0.3994	1.3190	0.0379	-0.0006	0.5434	0.0174	54.27	75.71%	71.68	-0.3260	-0.1985	-0.4827	1.6198	0.0512	-0.0008	0.6630	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0257	-0.0010	-0.0042	0.0321	0.0018	0.0000	0.0030	0.0040	1.11	8.54%	13.00	-0.0321	-0.0013	-0.0052	0.0408	0.0027	0.0000	0.0049	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2808	-0.2591	-0.6582	0.5066	0.0571	-0.0178	-0.6522	4.3197	84.16	90.32%	93.18	-0.3539	-0.3293	-0.8015	0.6489	0.0792	-0.0223	-0.7789	0.00	0.00	11.21	11.34	11.53	0.00%	0.00%	10.32%	10.44%	10.62%
-0.0004	-0.0008	-0.0016	0.0031	0.0008	0.0000	0.0011	0.0000	[redacted]			-0.0005	-0.0010	-0.0020	0.0039	0.0008	0.0000	0.0012	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0214	-0.0350	-0.0574	0.4101	0.0298	-0.0036	0.3225	0.0000	1.97	13.24%	14.87	-0.0243	-0.0384	-0.0679	0.5062	0.0449	-0.0061	0.4144	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2739	-0.3389	-0.6023	1.3833	0.0956	-0.0296	0.2342	6.9529	64.98	89.26%	72.80	-0.3674	-0.4690	-0.7239	1.6903	0.1293	-0.0346	0.2247	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1003	-0.2060	-0.2391	0.1082	0.0327	0.0066	-0.3979	1.4049	33.14	45.52%	72.80	-0.1230	-0.2629	-0.2859	0.1345	0.0402	0.0080	-0.4891	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1888	-0.1609	-0.2798	0.5596	0.0274	-0.0035	-0.0460	0.9179	32.72	59.33%	55.15	-0.2324	-0.2052	-0.3436	0.6978	0.0387	-0.0045	-0.0492	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0443	-0.0285	-0.1060	0.5138	0.0360	-0.0082	0.3628	1.0414	10.55	69.16%	15.26	-0.0512	-0.0353	-0.1282	0.6607	0.0541	-0.0112	0.4889	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1416	-0.1084	-0.2226	0.6292	0.0302	-0.0052	0.1816	0.4458	31.23	85.82%	36.39	-0.1750	-0.1379	-0.2716	0.7712	0.0457	-0.0068	0.2256	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1541	-0.0135	-0.0328	0.0239	0.0063	0.0001	-0.1701	0.0126	7.50	29.74%	25.22	-0.1865	-0.0171	-0.0397	0.0302	0.0093	0.0001	-0.2037	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0083	-0.0271	-0.0743	0.2998	0.0243	-0.0063	0.2081	1.4740	0.00	0.00%	13.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7541	-0.4113	-0.7711	3.0574	0.0709	-0.0100	1.1818	0.7226	89.92	85.78%	104.82	-0.9598	-0.5248	-0.9380	3.7371	0.1053	-0.0124	1.4074	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0346	-0.0328	-0.0723	0.1789	0.0221	-0.0069	0.0544	0.3126	11.32	68.61%	16.50	-0.0431	-0.0428	-0.0871	0.2152	0.0345	-0.0077	0.0690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2286	-0.8480	-1.1108	0.5422	0.0552	-0.0263	-1.6163	1.5568	79.61	76.66%	103.85	-0.2908	-1.0853	-1.3501	0.6647	0.0806	-0.0306	-2.0115	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0556	-0.0293	-0.0592	0.0918	0.0094	-0.0072	-0.0501	0.6486	8.68	70.05%	12.39	-0.0694	-0.0373	-0.0724	0.1127	0.0142	-0.0091	-0.0613	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0346	-0.0115	-0.0311	0.0527	0.0057	-0.0008	-0.0196	1.4005	5.94	91.08%	6.52	-0.0433	-0.0146	-0.0378	0.0638	0.0084	-0.0011	-0.0246	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0483	-0.0597	-0.1460	0.0879	0.0114	-0.0053	-0.1600	2.0173	10.61	58.30%	18.20	-0.0540	-0.0674	-0.1757	0.1090	0.0164	-0.0073	-0.1790	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5009	-0.2447	-0.8142	2.7935	0.1445	-0.0209	1.3573	0.8289	134.32	92.39%	145.39	-0.6172	-0.3088	-0.9784	3.3820	0.2246	-0.0263	1.6759	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1575	-0.0735	-0.2233	0.2171	0.0223	-0.0120	-0.2269	2.3421	32.28	99.46%	32.46	-0.1743	-0.0863	-0.2735	0.2671	0.0356	-0.0167	-0.2481	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2586	-0.4425	-0.5332	0.2469	0.0369	-0.0273	-0.9778	1.6539	50.92	90.75%	56.11	-0.3103	-0.5617	-0.6519	0.3058	0.0557	-0.0324	-1.1948	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7152	-0.1728	-0.7753	0.7334	0.0847	-0.0234	-0.8686	1.2375	125.26	96.03%	130.43	-0.9501	-0.2231	-0.9448	0.8930	0.1270	-0.0264	-1.1244	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0219	0.4948	0.0617	-0.0059	0.5287	0.0023	0.00	0.00%	7.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0018	-0.0034	-0.0175	0.0026	0.0017	-0.0008	-0.0192	0.0000	4.79	98.26%	4.88	-0.0025	-0.0043	-0.0206	0.0031	0.0025	-0.0010	-0.0228	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3683	-0.2794	-0.5536	1.1607	0.0679	-0.0135	0.0138	0.8027	72.43	77.37%	93.62	-0.4789	-0.3605	-0.6775	1.4029	0.1004	-0.0166	-0.0302	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3154	-0.3454	-0.5791	0.6530	0.0519	-0.0191	-0.5541	2.4076	59.77	82.54%	72.41	-0.4151	-0.4401	-0.7057	0.8065	0.0751	-0.0237	-0.7030	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9143	-0.0906	-0.2494	1.3789	0.0443	-0.0097	0.1592	1.2363	48.18	74.82%	64.39	-1.1061	-0.1143	-0.3035	1.6789	0.0671	-0.0123	0.2098	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0008	0.0186	0.0182	-0.0004	0.0356	0.0000	0.35	23.29%	1.50	0.0000	0.0000	-0.0010	0.0228	0.0228	-0.0004	0.0442	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0072	0.0000	-0.0032	0.0024	0.0156	-0.0004	0.0072	0.0037	1.73	96.11%	1.80	-0.0180	0.0000	-0.0040	0.0029	0.0213	0.0014	0.0036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0169	0.3732	0.0445	-0.0054	0.3954	0.0480	5.11	88.73%	5.76	0.0000	0.0000	-0.0200	0.4966	0.0546	-0.0050	0.5262	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.5607	-0.2845	-0.6246	1.3129	0.0934	-0.0199	-1.0834	0.1250	101.63	93.07%	109.20	-1.8858	-0.3553	-0.7654	1.6033	0.1424	-0.0287	-1.2895	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0244	0.3652	0.0287	-0.0044	0.3651	0.3137	[redacted]			0.0000	0.0000	-0.0296	0.4854	0.0329	-0.0050	0.4837	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0019	-0.0028	-0.0167	0.0430	0.0046	-0.0030	0.0232	0.0004	2.56	74.25%	3.45	-0.0025	-0.0035	-0.0205	0.0515	0.0065	-0.0038	0.0277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8643	-0.2404	-0.5393	0.9337	0.0597	-0.0065	-0.6571	1.2917	69.80	95.87%	72.81	-1.0609	-0.3027	-0.6544	1.1442	0.0901	-0.0080	-0.7917	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0013	0.0000	-0.0004	0.0014	0.0117	0.0000	0.0114	0.0000	0.75	50.00%	1.50	-0.0016	0.0000	-0.0005	0.0018	0.0151	0.0000	0.0148	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.5423	-0.2477	-0.5647	0.7135	0.0732	-0.0089	-0.5769	1.8955	80.25	84.40%	95.08	-0.6949	-0.3129	-0.6888	0.8795	0.1147	-0.0110	-0.7134	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0419	-0.0128	-0.0249	0.0138	0.0038	-0.0006	-0.0626	0.1470	3.93	60.26%	6.52	-0.0503	-0.0159	-0.0308	0.0167	0.0057	-0.0008	-0.0754	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0610	-0.0213	-0.0642	0.5938	0.0324	-0.0015	0.4782	0.1021	9.78	82.56%	11.85	-0.0788	-0.0271	-0.0804	0.7224	0.0437	-0.0019	0.5779	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3837	-0.4232	-0.7929	2.0924	0.0763	-0.0140	0.5549	11.9013	114.23	88.31%	129.35	-0.4808	-0.5348	-0.9654	2.5412	0.1144	-0.0167	0.6579	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0112	0.0000	-0.0038	0.0411	0.0035	-0.0029	0.0267	0.0000	1.06	85.55%	1.24	-0.0145	0.0000	-0.0047	0.0495	0.0053	-0.0037	0.0319	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.7519	-0.0853	-0.2312	0.2971	0.0541	0.0147	-0.7025	0.1250	34.49	60.72%	56.80	-0.9065	-0.1079	-0.2747	0.3726	0.0838	0.0241	-0.8086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0287	0.1703	0.0596	-0.0012	0.2000	0.0081	[redacted]			0.0000	0.0000	-0.0350	0.2158	0.0740	-0.0013	0.2535	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0165	-0.2072	-0.5454	0.6386	0.0787	0.0019	-0.0499	3.9261	48.84	46.67%	104.65	-0.0201	-0.2625	-0.6582	0.8612	0.0827	0.0025	0.0056	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0080	-0.0021	-0.0373	0.3311	0.0569	-0.0055	0.3351	0.0032	7.35	49.01%	15.00	-0.0093	-0.0023	-0.0435	0.3996	0.0852	-0.0068	0.4229	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0464	-0.0012	-0.0339	0.1686	0.0229	-0.0023	0.1077	0.0196	7.22	49.92%	14.46	-0.0627	-0.0015	-0.0420	0.2034	0.0336	-0.0031	0.1277	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2589	-0.4349	-0.8237	0.6237	0.0685	-0.0126	-0.8379	1.9769	58.62	90.85%	64.52	-0.3599	-0.5660	-1.0042	0.7577	0.0947	-0.0150	-1.0927	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0071	-0.0088	-0.0106	0.0044	0.0086	-0.0030	-0.0165	0.0000	3.05	17.30%	17.63	-0.0087	-0.0112	-0.0129	0.0057	0.0118	-0.0037	-0.0190	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0492	-0.0185	-0.0587	0.1311	0.0278	0.0007	0.0332	0.0201	10.98	60.33%	18.20	-0.0581	-0.0228	-0.0721	0.1634	0.0366	0.0007	0.0477	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0547	-0.1047	-0.2400	0.0520	0.0256	-0.0071	-0.3289	0.1185	35.79	49.86%	71.78	-0.0629	-0.1265	-0.2872	0.0655	0.0330	-0.0095	-0.3876	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3311	-0.5089	-0.7494	1.1995	0.0666	-0.0152	-0.3385	5.1519	82.37	95.11%	86.61	-0.4212	-0.6483	-0.9086	1.4627	0.1023	-0.0208	-0.4339	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0113	0.2642	0.0205	-0.0035	0.2699	0.0005	4.26	0.00%	0.00	0.0000	0.0000	-0.0113	0.2642	0.0205	-0.0035	0.2699	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0367	-0.0367	-0.0720	0.1567	0.0178	-0.0051	0.0240	0.0895	9.35	78.58%	11.90	-0.0472	-0.0465	-0.0874	0.1893	0.0271	-0.0062	0.0291	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0020	-0.0008	-0.0008	0.0029	0.0003	0.0015	0.0011	0.8777	[redacted]			-0.0025	-0.0010	-0.0010	0.0037	0.0003	0.0016	0.0011	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0528	-0.0754	-0.1221	0.1198	0.0322	-0.0001	-0.0984	0.1098	24.61	47.17%	52.17	-0.0624	-0.0921	-0.1460	0.1539	0.0413	-0.0004	-0.1057	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5232	-0.4690	-1.1385	0.8454	0.1329	-0.0725	-1.2249	2.8836	136.70	94.33%	144.91	-0.6674	-0.5974	-1.3743	1.0336	0.1896	-0.0911	-1.5070	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3854	-0.4900	-0.9260	1.4561	0.0650	-0.0246	-0.3049	8.4274	105.91	73.64%	143.82	-0.4964	-0.6222	-1.1305	1.7801	0.0979	-0.0300	-0.4011	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0360	-0.5382	-0.5896	0.2014	0.1017	0.0013	-0.8594	0.0415	47.42	84.68%	56.00	-0.0452	-0.6814	-0.7053	0.2581	0.1127	0.0019	-1.0592	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0083	-0.0013	-0.0045	0.0502	0.0044	0.0000	0.0405	0.1327	0.77	59.04%	1.30	-0.0109	-0.0017	-0.0056	0.0613	0.0059	0.0000	0.0490	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2058	-0.4237	-0.6705	0.6605	0.0474	-0.0085	-0.6006	1.3566	59.74	85.32%	70.02	-0.2693	-0.5472	-0.8036	0.8224	0.0669	-0.0100	-0.7408	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3300	-0.0677	-0.3673	0.6493	0.0471	-0.0096	-0.0782	1.1169	69.39	96.81%	71.67	-0.4119	-0.0866	-0.4512	0.8022	0.0720	-0.0122	-0.0877	13.39	13.39	13.39	13.39	13.39	20.55%	20.55%	20.55%	20.55%	20.55%
-0.0001	-0.0018	-0.0064	0.0036	0.0013	0.0000	-0.0034	0.0013	[redacted]			-0.0001	-0.0018	-0.0075	0.0046	0.0013	0.0000	-0.0035	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0317	-0.0881	-0.0912	0.0742	0.0167	0.0038	-0.1163	0.4805	23.01	63.23%	36.39	-0.0377	-0.1075	-0.1090	0.0995	0.0203	0.0038	-0.1306	0.94	0.94	0.94	0.94	0.94	94.00%	94.00%	94.00%	94.00%	94.00%
-0.4370	-0.5908	-1.0510	1.3814	0.0780	-0.0338	-0.6532	8.5932	117.02	89.06%	131.39	-0.5788	-0.7605	-1.2807	1.6926	0.1132	-0.0411	-0.8553	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0461	-0.0243	-0.1160	0.4251	0.0433	-0.0100	0.2720	0.0178	19.77	62.30%	31.73	-0.0607	-0.0308	-0.1428	0.5104	0.0616	-0.0128	0.3249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4845	-0.1299	-0.4087	0.5165	0.0459	-0.0154	-0.4761	1.4570	51.04	88.33%	57.78	-0.6199	-0.1644	-0.4978	0.6272	0.0677	-0.0239	-0.6111	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3616	-0.3252	-0.8717	2.1078	0.1203	-0.0198	0.6498	0.5675	125.50	96.65%	129.85	-0.4397	-0.4017	-1.0634	2.5673	0.1840	-0.0249	0.8216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0741	-0.3475	-0.6208	0.7663	0.0659	-0.0370	-0.2472	8.3920	55.81	79.46%	70.24	-0.0949	-0.4349	-0.7595	0.9332	0.0939	-0.0464	-0.3086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1559	-0.0208	-0.0746	0.1265	0.0285	-0.0006	-0.0969	85.5071	[redacted]			-0.1958	-0.0271	-0.0909	0.1617	0.0393	-0.0006	-0.1134	10.52	10.52	55.53	81.41	81.41	[redacted]				
-0.2268	-0.3957	-0.7532	1.9448	0.1061	-0.0314	0.6438	0.8789	89.38	83.81%	106.65	-0.2816	-0.4862	-0.9142	2.4010	0.1624	-0.0361	0.8453	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0250	-0.0071	-0.0405	0.2406	0.0185	-0.0009	0.1856	0.0046	9.37	61.42%	15.26	-0.0305	-0.0086	-0.0492	0.2952	0.0294	-0.0010	0.2353	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3304	-0.1425	-0.4404	0.4478	0.0863	-0.0311	-0.4103	0.4021	68.64	95.71%	71.72	-0.4167	-0.1771	-0.5311	0.5431	0.1307	-0.0387	-0.4898	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0004	0.0008	0.0025	0.0000	0.0029	0.0000	[redacted]			0.0000	0.0000	-0.0005	0.0010	0.0032	0.0000	0.0037	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.4473	-0.3535	-0.6028	0.6988	0.0676	-0.0171	-0.6543	8.1781	70.81	98.85%	71.63	-0.5567	-0.4383	-0.7309	0.8532	0.1031	-0.0242	-0.7938	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0765	-0.0369	-0.0749	0.1489	0.0273	-0.0031	-0.0152	0.0100	11.46	66.77%	17.16	-0.0945	-0.0475	-0.0906	0.1791	0.0411	-0.0044	-0.0168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

		2023											2024											2025														
Facility	GNA ID	Base Demand (MW) [23]	Cumulative Demand (MW) [23]	Facility Loading (%) [23]	Facility Loading Limit (MW) [23]	Residential PV (MW) [23]	Non-Residential PV (MW) [23]	EE (MW) [23]	EV (MW) [23]	BE (MW) [23]	ES (MW) [23]	Total DER Growth (MW) [23]	Base Demand (MW) [24]	Cumulative Demand (MW) [24]	Facility Loading (%) [24]	Facility Loading Limit (MW) [24]	Residential PV (MW) [24]	Non-Residential PV (MW) [24]	EE (MW) [24]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [24]	Base Demand (MW) [25]	Cumulative Demand (MW) [25]	Facility Loading (%) [25]	Facility Loading Limit (MW) [25]	Residential PV (MW) [25]	Non-Residential PV (MW) [25]	EE (MW) [25]	EV (MW) [25]	BE (MW) [25]	ES (MW) [25]	Total DER Growth (MW) [25]	Base Demand (MW) [26]	Cumulative Demand (MW) [26]	Facility Loading (%) [26]	Facility Loading Limit (MW) [26]
Redman 66/12 (D)		0.0000	2.55	28.00%	9.11	-0.0099	-0.0030	-0.0043	0.0131	0.0035	-0.0001	-0.0007	0.0004	2.56	28.10%	9.11	-0.0185	-0.0054	-0.0087	0.0301	0.0076	0.0000	0.0051	0.0005	2.57	28.21%	9.11	-0.0264	-0.0079	-0.0129	0.0496	0.0104	-0.0002	0.0126	0.0006	2.58	28.32%	9.11
Redondo 16/4.16 (D)		0.0000	9.73	63.15%	15.41	-0.0033	-0.0004	-0.0113	0.2363	0.0151	-0.0017	0.2347	0.0003	9.96	64.64%	15.41	-0.0079	-0.0017	-0.0239	0.4549	0.0330	-0.0042	0.4502	0.0004	10.22	66.33%	15.41	-0.0109	-0.0021	-0.0356	0.6919	0.0558	-0.0063	0.6928	0.0004	10.46	67.89%	15.41
Repetto 66/16 (D)	GNA_2023	3.0189	96.10	102.15%	94.08	-0.0484	-0.1559	-0.3123	0.2414	0.0150	-0.0117	-0.2719	3.6944	96.63	102.71%	94.08	-0.0934	-0.2982	-0.5733	0.4887	0.0382	-0.0216	-0.4596	3.7798	96.50	88.37%	109.20	-0.1449	-0.4511	-0.8294	0.7269	0.0696	-0.0316	-0.6605	3.8429	96.37	88.25%	109.20
Repetto 66/4.16 (D)		0.0001	7.02	90.76%	7.73	-0.0057	-0.0017	-0.0072	0.0345	0.0022	-0.0006	0.0215	0.0012	7.05	91.15%	7.73	-0.0096	-0.0033	-0.0145	0.0711	0.0058	-0.0015	0.0480	0.0017	7.08	91.54%	7.73	-0.0141	-0.0050	-0.0218	0.1057	0.0109	-0.0025	0.0732	0.0029	7.11	91.92%	7.73
Retreat P.T. 33/12 (A)		1.2320	6.11	61.10%	10.00	0.0000	0.0000	-0.0032	0.0199	0.0014	-0.0023	0.0158	1.7762	6.72	67.20%	10.00	0.0000	0.0000	-0.0069	0.0407	0.0027	-0.0053	0.0312	2.0448	7.04	70.40%	10.00	0.0000	0.0000	-0.0106	0.0612	0.0046	-0.0083	0.0469	2.3592	7.40	74.00%	10.00
Rialto 33/12 (D)		0.0803	11.29	66.70%	16.93	-0.0133	-0.0171	-0.0337	0.0260	0.0012	-0.0013	-0.0382	0.1065	12.74	75.26%	16.93	-0.0240	-0.0321	-0.0641	0.0539	0.0030	-0.0025	-0.0658	0.1167	12.71	75.08%	16.93	-0.0356	-0.0481	-0.0941	0.0812	0.0057	-0.0036	-0.0945	0.1231	12.69	74.97%	16.93
Rialto 33/4.16 (D)		0.0646	5.90	78.61%	7.51	-0.0173	-0.0046	-0.0114	0.0158	0.0016	-0.0005	-0.0164	0.0825	4.49	59.82%	7.51	-0.0306	-0.0086	-0.0236	0.0324	0.0040	-0.0009	-0.0273	0.0887	4.49	59.82%	7.51	-0.0428	-0.0120	-0.0360	0.0496	0.0080	-0.0013	-0.0345	0.0926	4.48	59.69%	7.51
Ridgecrest 33/4.8 (D)		0.0000	2.47	42.95%	5.75	-0.0049	-0.0045	-0.0055	0.0037	0.0019	-0.0004	-0.0097	0.0000	2.46	42.78%	5.75	-0.0085	-0.0088	-0.0102	0.0076	0.0046	-0.0007	-0.0160	0.0000	2.46	42.78%	5.75	-0.0121	-0.0119	-0.0146	0.0116	0.0080	-0.0011	-0.0201	0.0000	2.45	42.60%	5.75
Ridgeview P.T. 33/12 (A)		0.0002	[redacted]			-0.0091	-0.0025	-0.0109	0.0196	0.0033	0.0018	0.0022	0.0044	[redacted]			-0.0180	-0.0045	-0.0195	0.0400	0.0066	0.0031	0.0077	0.0065	[redacted]			-0.0265	-0.0067	-0.0276	0.0607	0.0103	0.0043	0.0145	0.1076	[redacted]		
Rio Hondo 66/12 (D)		1.0031	78.84	83.87%	94.00	-0.0944	-0.1577	-0.2601	0.1395	0.0069	-0.0074	-0.3732	1.7614	79.39	84.46%	94.00	-0.1674	-0.2888	-0.4741	0.3053	0.0157	-0.0143	-0.6236	1.7726	79.12	84.17%	94.00	-0.2513	-0.4294	-0.6940	0.4748	0.0303	-0.0208	-0.8904	2.4833	79.58	84.66%	94.00
Rio Hondo 66/16 (D)		0.0010	42.69	83.27%	51.26	-0.0245	-0.0697	-0.1260	0.1108	0.0150	-0.0033	-0.0977	1.3764	44.09	86.00%	51.26	-0.0524	-0.1462	-0.2333	0.2293	0.0327	-0.0054	-0.1753	1.3850	44.02	85.87%	51.26	-0.0844	-0.2266	-0.3432	0.3534	0.0561	-0.0075	-0.2522	1.4718	44.03	85.89%	51.26
Ripley 33/12 (D)		0.0172	5.00	68.68%	7.28	-0.0329	-0.0006	-0.0021	0.0088	0.0009	-0.0003	-0.0262	0.0198	4.97	68.27%	7.28	-0.0695	-0.0011	-0.0044	0.0181	0.0021	-0.0022	-0.0570	0.0205	4.94	67.86%	7.28	-0.1045	-0.0017	-0.0068	0.0274	0.0036	-0.0039	-0.0859	0.0269	4.93	67.72%	7.28
Ritter Ranch 66/12 (D)		0.0000	8.14	22.37%	36.39	-0.0179	-0.0007	-0.0078	0.0468	0.0010	-0.0026	0.0188	0.0000	8.17	22.45%	36.39	-0.0310	-0.0013	-0.0163	0.0962	0.0027	-0.0037	0.0466	0.0000	8.19	22.51%	36.39	-0.0453	-0.0020	-0.0250	0.1442	0.0051	-0.0048	0.0722	0.0000	8.22	22.59%	36.39
Rivera 12/4.16 (D)		0.0001	12.13	71.02%	17.08	-0.0226	-0.0006	-0.0121	0.0731	0.0042	-0.0002	0.0418	0.0023	12.19	71.38%	17.08	-0.0379	-0.0010	-0.0253	0.1525	0.0111	-0.0003	0.0991	0.0031	11.88	69.56%	17.08	-0.0554	-0.0015	-0.0391	0.2268	0.0207	-0.0004	0.1511	0.0036	11.93	69.85%	17.08
Riverway 66/12 (D)		0.7875	60.11	83.06%	72.37	-0.0824	-0.0324	-0.0921	0.0903	0.0104	-0.0025	-0.1087	2.0899	61.44	84.90%	72.37	-0.1483	-0.0635	-0.1818	0.1828	0.0280	-0.0053	-0.1881	3.3198	62.35	86.16%	72.37	-0.2186	-0.0971	-0.2734	0.2734	0.0511	-0.0082	-0.2728	3.7004	62.68	86.61%	72.37
Roadway 115/12 (D)		39.5866	91.38	84.99%	107.52	-0.1305	-0.1604	-0.1770	0.0557	0.0163	-0.0008	-0.3967	58.0267	110.72	76.52%	144.70	-0.2362	-0.2908	-0.3257	0.1197	0.0443	-0.0021	-0.6908	68.3979	129.64	89.59%	144.70	-0.3475	-0.4347	-0.4838	0.1876	0.0635	-0.0042	-1.0191	70.0874	130.63	90.28%	144.70
Rolling Hills 66/16 (D)		0.0008	44.98	75.22%	59.79	-0.0073	-0.0999	-0.1927	0.2869	0.0287	-0.0071	0.0086	0.0123	45.85	76.68%	59.79	-0.0139	-0.1838	-0.3466	0.5880	0.0629	-0.0135	0.0931	0.0156	45.93	76.81%	59.79	-0.0207	-0.2736	-0.4941	0.8823	0.0957	-0.0192	0.1704	0.0198	46.00	76.93%	59.79
Rolling Hills 66/4.16 (D)		0.0001	9.26	79.82%	11.60	0.0000	0.0000	-0.0088	0.1250	0.0248	-0.0019	0.1391	0.0021	8.57	73.87%	11.60	0.0000	0.0000	-0.0178	0.2549	0.0568	-0.0046	0.2893	0.0030	8.73	75.25%	11.60	0.0000	0.0000	-0.0268	0.3812	0.0871	-0.0073	0.4342	0.0051	8.87	76.45%	11.60
Ronnie P.T. 12/4.16 (A)		0.0000	0.57	43.96%	1.30	-0.0001	-0.0003	-0.0008	0.0120	0.0009	0.0000	0.0117	0.0001	0.59	45.50%	1.30	-0.0002	-0.0006	-0.0015	0.0267	0.0017	0.0000	0.0261	0.0001	0.60	46.27%	1.30	-0.0003	-0.0009	-0.0022	0.0373	0.0027	0.0000	0.0366	0.0084	0.62	47.81%	1.30
Rosamond 66/12 (D)		0.9514	27.15	74.60%	36.39	-0.0640	-0.0264	-0.0753	0.0830	0.0026	-0.0011	-0.0812	1.2182	27.41	75.32%	36.39	-0.1142	-0.0471	-0.1404	0.1876	0.0073	-0.0025	-0.1093	1.3116	27.49	75.54%	36.39	-0.1708	-0.0693	-0.2036	0.3018	0.0131	-0.0039	-0.1327	1.3760	27.55	75.70%	36.39
Rosemead 66/16 (D)		3.9484	102.77	91.25%	112.62	-0.0466	-0.1182	-0.3093	0.3004	0.0110	-0.0200	-0.1827	4.5945	103.32	91.74%	112.62	-0.0951	-0.2626	-0.5722	0.6123	0.0257	-0.0343	-0.3262	13.8455	111.19	98.73%	112.62	-0.1490	-0.4045	-0.8358	0.9172	0.0485	-0.0489	-0.4725	19.7419	117.54	104.37%	112.62
Royal 66/16 (D)		0.8066	105.60	83.42%	126.59	-0.1210	-0.1263	-0.2838	0.4892	0.0116	-0.0043	-0.0346	11.0535	116.56	92.08%	126.59	-0.2179	-0.2363	-0.5095	1.0048	0.0278	-0.0085	0.0604	12.4966	118.20	93.37%	126.59	-0.3145	-0.3508	-0.7369	1.5253	0.0512	-0.0126	0.1617	17.2707	123.34	97.43%	126.59
Rubidoux 33/12 (D)		0.0002	9.87	72.30%	13.65	-0.0342	-0.0155	-0.0231	0.0172	0.0021	-0.0007	-0.0542	0.0004	9.83	72.00%	13.65	-0.0628	-0.0293	-0.0443	0.0371	0.0056	-0.0012	-0.0949	0.0006	9.79	71.71%	13.65	-0.0926	-0.0440	-0.0657	0.0583	0.0115	-0.0017	-0.1342	0.0009	9.74	71.34%	13.65
Rubidoux 33/4.16 (D)		0.0000	1.87	72.32%	2.59	-0.0057	-0.0001	-0.0018	0.0052	0.0009	0.0000	-0.0015	0.2684	2.17	83.92%	2.59	-0.0103	-0.0002	-0.0037	0.0106	0.0021	0.0000	-0.0015	0.4831	2.40	92.81%	2.59	-0.0152	-0.0003	-0.0055	0.0157	0.0039	0.0000	-0.0014	0.6224	2.40	92.81%	2.59
Running Springs 33/12 (D)		0.0453	7.67	58.41%	13.13	0.0000	0.0000	-0.0105	0.0355	0.0283	-0.0047	0.0486	0.0640	7.75	59.02%	13.13	0.0000	0.0000	-0.0210	0.0771	0.0581	-0.0075	0.1067	0.0705	7.83	59.63%	13.13	0.0000	0.0000	-0.0310	0.1177	0.0916	-0.0102	0.1681	0.0799	7.90	60.17%	13.13
Rush 66/16 (D)		5.2273	100.22	78.30%	128.00	-0.0593	-0.2568	-0.3535	0.2017	0.0389	-0.0154	-0.4444	8.9612	104.83	81.90%	128.00	-0.1074	-0.4674	-0.6517	0.4435	0.0831	-0.0307	-0.7306	8.9705	101.55	79.34%	128.00	-0.1632	-0.6951	-0.9468	0.6875	0.1323	-0.0455	-1.0308	8.9959	101.21	79.07%	128.00
Safari 33/12 (D)		-0.0060	17.48	24.01%	72.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0134	17.47	24.00%	72.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0129	17.47	24.00%	72.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0128	17.47	24.00%	72.81
San Antonio 66/12 (D)		0.0014	131.12	90.15%	145.45	-0.1156	-0.2115	-0.3359	0.3007	0.0105	-0.0146	-0.3664	6.6316	138.06	94.92%	145.45	-0.2059	-0.3944	-0.6352	0.6428	0.0266	-0.0280	-0.5941	6.6390	137.83	94.76%	145.45	-0.2993	-0.5837	-0.9325	0.9951	0.0521	-0.0404	-0.8087	6.8394	136.89	94.11%	145.45
San Bernardino 66/12 (D)		2.2953	50.99	70.65%	72.17	-0.0360	-0.2059	-0.2505	0.0528	0.0071	0.0005	-0.4320	5.2099	53.68	74.38%	72.17	-0.0686	-0.3797	-0.4461	0.1188	0.0152	0.0002	-0.7602	5.2127	53.35	73.92%	72.17	-0.1009	-0.5659	-0.6369	0.1948	0.0250	-0.0001	-1.0840	5.2141	54.99	76.19%	72.17
San Dimas 66/12 (D)		3.4920	102.15	88.89%	114.92	-0.1005	-0.1392	-0.2463	0.3595	0.0078	-0.0086	-0.1273	5.2962	104.12	90.61%	114.92	-0.1763	-0.2576	-0.4727	0.7563	0.0206	-0.0172	-0.1469	5.5842	104.40	90.85%	114.92	-0.2584	-0.3844	-0.6986	1.1450	0.0401	-0.0248	-0.1811	5.8114	104.62	91.04%	114.92
San Fernando 66/16 (D)		1.5309	49.73	68.57%	72.53	-0.0461	-0.0825	-0.1307	0.2783	0.0061	-0.0008	0.0243	1.5501	49.84	68.72%	72.53	-0.0840	-0.1543	-0.2428	0.5774	0.0113	-0.0020	0.1056	7.1419	56.03	77.25%	72.53	-0.1265	-0.2308	-0.3608	0.8700	0.0174	-0.0041	0.1652	10.2088	59.42	81.93%	72.53
San Gabriel 66/4.16 (D)		0.0001	16.78	66.14%	25.37	-0.0180	-0.0114	-0.0295	0.1348	0.0048	-0.0027	0.0780	0.0014	16.90	66.61%	25.37	-0.0313	-0.0218	-0.0581	0.2851	0.0122	-0.0053	0.1808	0.0019	16.99	66.97%	25.37	-0.0465	-0.0329	-0.0872	0.4186	0.0232	-0.0080	0.2672	0.0024	17.08	67.32%	25.37
San Marcos 66/16 (D)		0.0004	42.14	79.95%	52.71	-0.0425	-0.0800	-0.2053	0.3862	0.0196	-0.0047	0.0733	1.1608	43.56	82.65%	52.71	-0.0750	-0.1490	-0.3502	0.7989	0.0367	-0.0092	0.2522	6.1866	49.08	93.12%	52.71	-0.1100	-0.2228	-0.4916	1.2145	0.0588	-0.0128	0.4361	8.8118	52.11	98.87%	52.71
San Marino 16/4.16 (D)		0.0000	1.88	15.56%	12.08	-0.0077	-0.0028	-0.0098	0.0580	0.0018	-0.0003	0.0392	0.0001	1.92	15.89%	12.08	-0.0150	-0.0055	-0.0206	0.1159	0.0055	-0.0006	0.0797	0.0002	1.97	16.30%	12.08	-0.0216	-0.0075	-0.0313	0.1775	0.0111	-0.0010	0.1272	0.0003	2.03	16.80%	12.08
San Miguel 66/16 (D)		0.7288	68.95	75.41%	91.44	-0.0392	-0.2002	-0.3625	0.2063	0.0190	-0.0172	-0.3938	2.4394	70.44	77.04%	91.44	-0.0753	-0.3773	-0.6463	0.4314	0.0424	-0.0328	-0.6579	2.7794	70.52	77.12%	91.44	-0.1119	-0.5663	-0.9245	0.6603	0.0717	-0.0524	-0.9231	3.0610	70.53	77.13%	91.44
San Vicente 16/4.16 (D)		0.0000	4.19	70.42%	5.95	-0.0033	-0.0033	-0.0091	0.0400	0.0023	0.0000	0.0266	0.0000	4.22	70.93%	5.95	-0.0059	-0.0063	-0.0165	0.0834	0.0048	0.0001	0.0596	0.0000	0.00	0.00%	5.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Santa Barbara 66/16 (D)		3.0311	72.75	67.67%	107.50	-0.0488	-0.1896	-0.2707	0.4744	0.0120	-0.0034	-0.0261	3.5045	73.29	68.18%	107.50	-0.0890	-0.3648	-0.5403	0.9983	0.0317	-0.0072	0.0287	4.7798	74.65	69.44%	107.50	-0.1304	-0.5435	-0.8227	1.5331	0.0525	-0.0123	0.0767	5.9749	75.92	70.62%	107.50
Santa Barbara 66/4.16 (D)		0.0002	7.87	52.91%	14.87	-0.0086	-0.0080	-0.0182	0.1512	0.0068	-0.0013	0.1219	0.0013	8.00	53.78%	14.87	-0.0159	-0.0163	-0.0386	0.3108	0.0140	-0.0023	0.2517	0.0015	8.13	54.66%	14.87	-0.0242	-0.0250	-0.0605	0.4651	0.0219	-0.0033	0.3740	0.0017	8.24	55.40%	14.87
Santa Fe Springs 66/12 (D)	GNA_2023	0.8364	115.23	82.33%	139.96	-0.0607	-0.2930	-0.4359	0.1938	0.0091	-0.0050	-0.5917	1.6432	115.65	82.63%	139.96	-0.1102	-0.5319	-0.7810	0.4158	0.0211	-0.0095	-0.9957	1.9255	115.51	82.53%	139.96	-0.1573	-0.7847	-1.1245	0.6265	0.0391	-0.0139	-1.4148	2.3348	115.47	82.50%	139.96
Santa Monica 66/16 (D)	GNA_2023	6.8423	63.81	88.61%	72.02	-0.0167	-0.1689	-0.3053	0.3562	0.0136	-0.0015	-0.1226	7.1111	64.12	89.04%	72.02	-0.0313	-0.3147	-0.5136	0.7397	0.0321	-0.0039	-0.0917	19.7696	75.91	105.41%	72.02	-0.0470	-0.4711	-0.7132	1.1176	0.0531	-0.0064	-0.0670	26.9070	83.50	87.69%	95.22
Santa Monica 66/4.16 (D)		0.0001	8.18	33.00%	24.79	-0.0043	-0.0270	-0.0365	0.0612	0.0045	-0.0004	-0.0025	0.0015	8.20	33.08%	24.79	-0.0081	-0.0516	-0.0613	0.1270	0.0096	-0.0008	0.0148	0.0019	8.22	33.16%	24.79	-0.0117	-0.0769	-0.0849	0.1967	0.0165	-0.0014	0.0383	0.0022	8.27	33.36%	24.79
Santa Rosa 115/12 (D)		0.0032	110.57	79.55%	139.00	-0.1697	-0.2497	-0.3755	0.1464	0.0464	-0.0055	-0.6076	0.0461	112.19	80.71%	139.00	-0.3265	-0.4630	-0.6929	0.3111	0.0868	-0.0101	-1.0946	4.6021	116.54	83.84%	139.00	-0.4724	-0.6775	-0.9966	0.4859	0.1336	-0.0161	-1.5431	6.8391	118.43	85.20%	139.00
Santa Rosa 115/33 (D)		2.7695	87.61	65.43%	133.89	-0.2378	-0.0670	-0.2430	0.1377	0.0091	-0.0091	-0.4101	3.9995	88.61	66.18%	133.89	-0.4544	-0.1239	-0.4512	0.3015	0.0449	-0.0169	-0.7000	4.2695	88.62	66.19%	133.89	-0.6699	-0.1838	-0.6538	0.4867	0.0891	-0.0254	-0.9571	4.5693	88.67	66.22%	133.89
Santa Susana 66/16 (D)		0.0021	129.28	97.06%	133.20	-0.1916	-0.0994	-0.2510	0.4893	0.0078	-0.0066	-0.0515	0.0279	129.40	97.15%	133.20	-0.3407	-0.1864	-0.4747	1.0143	0.0247	-0.0127	0.0245	1.7719	131.39	98.64%	133.20	-0.4975	-0.2819	-0.6792	1.5304	0.0500	-0.0177	0.1041	1.7842	131.47	98.70%	133.20
Santiago 66/12 (D)		3.5024	172.29	85.54%	201.41	-0.1271	-0.3147	-0.5924	0.7948	0.0184	-0.0071	-0.2281	7.4074	180.94	89.84%	201.41	-0.2628	-0.5694	-1.0674	1.6404	0.0438	-0.0127	-0.2281	10.1157	183.88	91.30%	201.41	-0.3821	-0.8281	-1.5356	2.4811	0.0794	-0.0224	-0.2077	12.2478	186.17	92.43%	201.41
Santiago 66/33 (D)		4.0056	[redacted]			-0.0522	-0.1204	-0.1107	0.0655	0.0075	-0.0010	-0.2113	8.8329	[redacted]			-0.1038	-0.2165	-0.1990	0.1387	0.0174	-0.0024	-0.3656	13.3552	[redacted]			-0.1599	-0.3242	-0.2862	0.2115	0.0280	-0.0040	-0.5348	20.6223	[redacted]		
Saticoy 66/16 (D)		0.7964	50.85	86.49%	58.79	-0.0690	-0.0494	-0.1262	0.4865	0.0286	-0.0057	0.2648	1.8145	53.31	90.67%	58.79	-0.1252	-0.0909	-0.2453	0.9995	0.0617	-0.0132	0.5866	1.8623	53.69	91.32%	58.79	-0.1821	-0.1329	-0.3634	1.5012	0.1047	-0.0212	0.9063	1.8925	54.86	93.31%	58.79
Saugus 66/16 (D)	GNA_2023	3.3508	116.27	80.44%	144.54	-0.0580	-0.2011	-0.4064	0.2222	0.0036	-0.0039	-0.4436	7.0112	121.36	83.97%	144.54	-0.1020	-0.3658	-0.7203	0.4836	0.0092	-0.0081	-0.7034	16.5850	131.43	90.93%	144.54	-0.1455	-0.5385	-1.0315	0.7742	0.0183	-0.0126	-0.9356	25.7969	141.11	97.63%	144.54
Savage 115/12 (D)		3.3644	116.79	89.49%	130.50	-0.2533	-0.1592	-0.2656	0.1705	0.0053	-0.0113	-0.5136	3.5541	116.62	89.36%	130.50	-0.4327	-0.2918	-0.5005	0.3718	0.0196	-0.0245	-0.8581	3.6192	116.30	89.12%	130.50	-0.6327	-0.4334	-0.7342	0.5746	0.0427	-0.0382	-1.2212	3.7196	116.01	88.90%	130.50
Sawtelle 66/16 (D)		12.4708	36.40	50.76%	71.71	-0.0057	-0.0631	-0.1042	0.1025	0.0324	0.0001	-0.0380	12.7598	36.71	51.19%	71.71	-0.0105	-0.1150	-0.1842	0.2133	0.0649	0.0005	-0.0310	-2.0684	21.18	29.54%	71.71	-0.0120	-0.1578	-0.2574	0.3537	0.0976	-0.0003	0.0238	-0.5102	22.84	31.85%	71.71
Scout P.T. 33/12 (A)		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0011	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0023	0.0000	0.0000	0.0023	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0035	0.0000	0.0000	0.0035	0.0000	[redacted]		
Seabright 66/12 (D)		0.0006	19.40	39.80%	48.74	-0.0038	-0.0299	-0.0721	0.0769	0.0047	-0.0002	-0.0244	0.0099	19.42	39.84%	48.74	-0.0075	-0.0548	-0.1202	0.1598	0.0092	-0.0004	-0.0139	0.0148	19.44	39.89%	48.74	-0.0110	-0.0809	-0.1658	0.2392	0.0166	-0.0005	-0.0024	0.0262	19.47	39.95%	48.74
Searles 115/33 (D)		0.0000	[redacted]			-0.0077	-0.0198	-0.0091	0.0162	0.0016	0.0000	-0.0188	0.0000	[redacted]			-0.0164	-0.0384	-0.0175	0.0327	0.0081	0.0001	-0.0314	0.0000	[redacted]			-0.0245	-0.0581	-0.0255	0.0492	0.0121	0.0002	-0.0466	0.0164	[redacted]		
Second Avenue 33/12 (D)		0.0000	2.56	41.32%	6.20	-0.0077	-0.0004	-0.0032	0.0041	0.0003	-0.0004	-0.0073	0.0000	2.55	41.16%	6.20	-0.0114	-0.0004	-0.0056	0.0084	0.0019	-0.0020	-0.0091	0.0000	2.55	41.16%	6.20	-0.0156	-0.0008	-0.0085	0.0128	0.0070	-0.0028	-0.0079	0.0000	2.56	41.32%	6.20
Sepulveda 66/16 (D)		0.3661	68.11	62.30%	109.32	-0.0331	-0.1964	-0.3593	0.1663	0.0090	-0.0016	-0.4151	0.6601	68.14	62.33%	109.32	-0.0587	-0.3481	-0.6489	0.3523	0.0240	-0.0040	-0.6834	0.7576	67.95	62.15%	109.32	-0.0877	-0.5106	-0.9313	0.5371	0.0402	-0.0064	-0.9587	1.2772	68.17	62.36%	109.32
Sespe P.T. 16/4.16 (A)		0.0000	[redacted]			-0.0004	-0.0001	-0.0002	0.0006	0.0006	0.0000	0.0005	0.0000	[redacted]			-0.0008	-0.0002	-0.0004	0.0013	0.0013	0.0000	0.0012	0.0000	[redacted]			-0.0012	-0.0003	-0.0006	0.0019	0.0024	0.0000	0.0022	0.0000	[redacted]		
Shandin 115/12 (D)		0.0022	90.76	96.00%	94.55	-0.2076	-0.1322	-0.2342	0.1901	0.0158	0.0008	-0.3673	0.8303	91.37	96.64%	94.55	-0.3730	-0.2435	-0.4460	0.3997	0.0352	0.0005	-0.6271	0.8456	91.12	96.38%	94.55	-0.5485	-0.3551	-0.6571	0.6217	0.0634	0.0000	-0.8756	1.0387	91.08	96.33%	94.55
Shawnee 66/12 (D)	GNA_2023	2.7415	61.27	98.17%	62.41	-0.0601	-0.0923	-0.1697	0.3584	0.0157	-0.0041	0.0479	4.7214	63.50	97.01%	65.46	-0.1119	-0.1714	-0.3161	0.7371	0.0396	-0.0100	0.1673	5.4187	64.32	98.26%	65.46	-0.1707	-0.2677	-0.4690	1.1049	0.0660	-0.0161	0.2474	5.6614	64.62	98.72%	65.46
Sherwin 115/12 (D)		0.0000	1.85	37.00%	5.00	-0.0040	-0.0009	-0.0022	0.0088	0.0049	0.0039	0.0105	0.0002	1.86	37.20%	5.00	-0.0087	-0.0019	-0.0043	0.0185	0.0107	0.0050	0.0193	0.0003	1.88	37.60%	5.00	-0.0120	-0.0027	-0.0062	0.0284	0.0182	0.0056	0.0313	0.0004	1.89	37.80%	5.00
Shuttle 66/12 (D)		3.4265	126.88	98.24%	129.16	-0.1370	-0.1195	-0.2867	0.2083	0.0058	-0.0057	-0.3348	5.7161	127.93	99.05%	129.16	-0.2574	-0.2330	-0.5410	0.4223	0.0190	-0.0096	-0.5997	7.2906	125.79	97.39%	129.16	-0.3872	-0.3546	-0.7863	0.6447	0.0355	-0.0135	-0.8614	9.3556	127.76	98.92%	129.16
Sierra Madre 16/4.16 (D)		0.0000	4.55	49.71%	9.15	-0.0068	-0.0025	-0.0067	0.0697	0.0015	-0.0003	0.0549	0.0000	2.90	31.68%	9.15	-0.0122	-0.0049	-0.0136	0.1428	0.0050	-0.0006	0.1165	0.0000	2.93	32.01%	9.15	-0.0179	-0.0074	-0.0209	0.2134	0.0096	-0.0009	0.1759	0.0000	3.00	32.78%	9.15
Signal Hill 12/4.16 (D)		0.0000	6.54	97.99%	6.67	-0.0077	-0.0030	-0.0086	0.0298	0.0014	0.0000	0.0119	0.0000	6.57	98.44%	6.67	-0.0121	-0.0052	-0.0172	0.0663	0.0050	-0.0003	0.0365	0.0000	5.99	89.75%	6.67	-0.0157	-0.0073	-0.0258	0.1051	0.0089	-0.0008	0.0644	0.0000	6.02	90.20%	6.67
Signal Hill 66/12 (D)		0.0004	25.89	72.80%	35.57	-0.0060	-0.0863	-0.1200	0.0451	0.0007	0.0001	-0.1664	2.2742	28.18	79.23%	35.57	-0.0120	-0.1596	-0.2100	0.1001	0.0022	-0.0004	-0.2797	2.2770	27.48	77.27%	35.57	-0.0181	-0.2384	-0.2939	0.1620	0.0040	-0.0008	-0.3852	2.2817	27.40	77.04%	35.57
Silver Spur 33/12 (D)		0.0001	34.85	96.40%	36.15	-0.0562	-0.0172	-0.0607	0.0673	0.0034	-0.0012	-0.0646	0.0012	34.79	96.23%	36.15	-0.1164	-0.0336	-0.1211	0.1377	0.0098	-0.0023	-0.1259	0.0017	34.75	96.12%	36.15	-0.1671	-0.0490	-0.1791	0.2149	0.0179	-0.0034	-0.1658	0.0020	34.72	96.04%	36.15
Sinker P.T. 2.4/12 (A)		0.0000	[redacted]			0.0000	0.0000	0.0000	0.0002	0.0016	0.0000	0.0018	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0004	0.0046	0.0000	0.0050	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0006	0.0077	0.0000	0.0083	0.0000	[redacted]		
Sixteenth Street 33/12 (D)		0.0000	30.38	92.00%	33.02	-0.0493	-0.0557	-0.0941	0.0416	0.0034	-0.0017	-0.1558	0.0000	30.25	91.61%	33.02	-0.0900	-0.1034	-0.1815	0.0914	0.0086	-0.0032	-0.2781	0.0000	31.38	95.03%	33.02	-0.1352	-0.1545	-0.2681	0.1465	0.0166	-0.0046	-0.3993	0.0000	31.26	94.67%	33.02
Skiland 33/12 (D)		0.9520	31.67	54.38%	58.24	-0.0015	-0.0171	-0.0440	0.0189	0.0198	-0.0031	-0.0270	1.9991	32.81	56.34%	58.24	-0.0029	-0.0327	-0.0848	0.0412	0.0473	-0.0054	-0.0373	3.7082	34.69	59.57%	58.24	-0.0040	-0.0453	-0.1273	0.0661	0.0757	-0.0089	-0.0437	5.3365	36.48	62.64%	58.24
Skyborne P.T. 33/12 (A)		0.0368	1.80	12.00%	15.00	-0.0037	-0.0001	-0.0014	0.0022	0.0005	-0.0008	-0.0033	0.0472	1.81	12.07%	15.00	-0.0069	-0.0002	-0.0029	0.0045	0.0013	-0.0015	-0.0057	0.0510	1.81	12.07%	15.00	-0.0102	-0.0003	-0.0045	0.0067	0.0024	-0.0022	-0.0081	0.0559	1.82	12.13%	15.00
Skylark 115/12 (D)		0.3589	70.90	74.91%	94.65	-0.1976	-0.0471	-0.1221	0.1740	0.0123	-0.0026	-0.1831	0.4848	70.91	74.92%	94.65	-0.3710	-0.0879	-0.2310	0.3671	0.0284	-0.0045	-0.2989	0.5316	70.87	74.87%	94.65	-0.5290	-0.1283	-0.3358	0.5664	0.0521	-0.0082	-0.3828	0.6108	70.90	74.91%	94.65
Slater 66/12 (D)		1.1552	50.33	69.16%	72.77	-0.0846	-0.0554	-0.1577	0.5437	0.0146	-0.0042	0.2564	1.1631	50.67	69.63%	72.77	-0.1590	-0.1044	-0.2968	1.1138	0.0341	-0.0104	0.5773	1.1741	50.99	70.07%	72.77	-0.2417	-0.1566	-0.4341	1.6650	0.0623	-0.0162	0.8787	1.3957	51.52	70.80%	72.77
Smiley 12/4.16 (D)		0.0000	3.18	43.68%	7.28	-0.0061	0.0000	-0.0031	0.0177	0.0013	-0.0004	0.0094	0.0002	3.19	43.82%	7.28	-0.0111	0.0000	-0.0066	0.0364	0.0031	-0.0007	0.0211	0.0002	3.21	44.09%	7.28	-0.0167	0.0000	-0.0099	0.0540	0.0054	-0.0011	0.0317	0.0003	3.22	44.23%	7.28
Snowcreek P.T. 33/12 (A)		0.0051	[redacted]			0.0000	0.0000	-0.0001	0.0001	0.0004	-0.0002	0.0002	0.0066	[redacted]			0.0000	0.0000	-0.0002	0.0002	0.0009	-0.0004	0.0005	0.0071	[redacted]			0.0000	0.0000	-0.0003	0.0003	0.0016	-0.0006	0.0010	0.0078	[redacted]		
Solemint 66/16 (D)		1.2294	60.09	82.54%	72.80	-0.0928	-0.0184	-0.0765	0.4305	0.0048	-0.0050	0.2426	2.4927	61.90	85.03%	72.80	-0.1437	-0.0302	-0.1503	0.9500	0.0121	-0.0119	0.6260	3.3756	63.26	86.90%	72.80	-0.1978	-0.0427	-0.2219	1.4458	0.0223	-0.0188	0.9869	4.9271	65.30	89.70%	72.80
Somerset 66/12 (D)		0.6215	47.38	81.63%	58.04	-0.0296	-0.0671	-0.1440	0.1496	0.0090	-0.0059	-0.0880	0.6274	47.37	81.61%	58.04	-0.0583	-0.1167	-0.2737	0.3370	0.0214	-0.0126	-0.1029	0.6294	47.34	81.56%	58.04	-0.0917	-0.1697	-0.4006	0.5147	0.0380	-0.0192	-0.1285	0.6720	47.34	81.56%	58.04
Somerset 66/4.16 (D)		0.0002	9.57	61.87%	15.47	-0.0161	-0.0022	-0.0136	0.0478	0.0024	-0.0008	0.0175	0.0027	9.59	61.99%	15.47	-0.0314	-0.0044	-0.0266	0.0932	0.0074	-0.0019	0.0363	0.0039	9.62	62.19%	15.47	-0.0466	-0.0067	-0.0394	0.1398	0.0150	-0.0031	0.0590	0.0067	9.65	62.38%	15.47
Somis 66/16 (D)		0.0006	34.99	96.96%	36.09	-0.0514	-0.0291	-0.0743	0.1849	0.0068	0.0004	0.0373	0.5266	35.65	98.79%	36.09	-0.0906	-0.0517	-0.1391	0.3971	0.0161	0.0000	0.1318	0.7128	35.96	99.64%	36.09	-0.1323	-0.0759	-0.2015	0.6225	0.0252	-0.0004	0.2376	0.8567	35.77	99.12%	36.09
Soper P.T. 12/4.16 (A)		0.0000	2.29	70.46%	3.25	-0.0045	-0.0001	-0.0028	0.0139	0.0006	-0.0001	0.0070	0.0000	2.30	70.77%	3.25	-0.0079	-0.0002	-0.0058	0.0284	0.0018	-0.0001	0.0162	0.0000	2.31	71.08%	3.25	-0.0121	-0.0003	-0.0088	0.0422	0.0036	-0.0001	0.0245	0.0000	2.32	71.38%	3.25
Sophie P.T. 33/12 (A)		0.0002	7.17	59.97%	11.96	-0.0442	-0.0011	-0.0059	0.0073	0.0008	0.0001	-0.0430	0.0030	7.16	59.88%	11.96	-0.0644	-0.0016	-0.0124	0.0192	0.0028	0.0001	-0.0563	0.0043	7.15	59.80%	11.96	-0.0845	-0.0021	-0.0190	0.0305	0.0050	0.0001	-0.0700	0.0875	7.22	60.39%	11.96
Soquel 66/12 (D)		1.1619	71.23	65.51%	108.73	-0.0877	-0.0880	-0.1707	0.3479	0.0070	-0.0024	0.0061	1.1807	71.37	65.64%	108.73	-0.1527	-0.1600	-0.3291	0.7389	0.0179	-0.0044	0.1106	1.1865	71.48	65.74%	108.73	-0.2210	-0.2372	-0.4853	1.1227	0.0347	-0.0064	0.2075	1.2839	80.76	74.28%	108.73
South Gate 16/4.16 (D)		0.0000	12.69	99.38%	12.77	-0.0099	-0.0045	-0.0223	0.0428	0.0044	-0.0024	0.0081	0.0000	12.70	99.46%	12.77	-0.0179	-0.0088	-0.0448	0.0870	0.0116	-0.0050	0.0221	0.0000	12.72	99.62%	12.77	-0.0275	-0.0133	-0.0673	0.1287	0.0217	-0.0077	0.0346	0.0000	12.73	99.70%	12.77
Stadium 66/12 (D)		0.2570	87.58	60.15%	145.60	-0.0812	-0.0911	-0.2187	0.6273	0.0395	-0.0019	0.2739	0.2746	87.68	60.22%	145.60	-0.1810	-0.2162	-0.4704	1.1479	0.0710	-0.0012	0.3501	7.3038	95.18	65.37%	145.60	-0.2894	-0.3503	-0.7031	1.6756	0.1056	-0.0002	0.4382	10.8406	97.65	67.07%	145.60
Stadler 115/12 (D)		1.4313	125.14	89.39%	140.00	-0.2876	-0.2619	-0.3088	0.2204	0.0130	-0.0009	-0.6258	2.7879	126.16	90.11%	140.00	-0.5056	-0.4763	-0.5679	0.4783	0.0330	-0.0052	-1.0437	3.0178	125.98	89.99%	140.00	-0.7198	-0.7057	-0.8110	0.7404	0.0596	-0.0095	-1.4460	3.3335	125.90	89.93%	140.00
State Street 66/12 (D)		0.0011	40.11	77.39%	51.83	-0.0222	-0.0927	-0.1810	0.4007	0.0237	-0.0015	0.1270	2.5823	43.08	83.12%	51.83	-0.0421	-0.1764	-0.3262	0.8864	0.0539	-0.0025	0.3931	2.5895	43.22	83.39%	51.83	-0.0668	-0.2976	-0.4878	1.3042	0.0699	-0.0044	0.5175	2.6050	43.07	83.10%	51.83
Stetson 115/12 (D)		0.4913	119.63	93.14%	128.44	-0.2856	-0.1142	-0.2327	0.1500	0.0134	-0.0046	-0.4737	1.1330	119.94	93.38%	128.44	-0.5184	-0.2091	-0.4420	0.3160	0.0333	-0.0106	-0.8308	1.3469	119.82	93.29%	128.44	-0.7379	-0.2986	-0.6386	0.4790	0.0598	-0.0167	-1.1530	1.5805	119.77	93.25%	128.44
Stewart 66/12 (D)		0.6817	75.98	97.66%	77.80	-0.0502	-0.1725	-0.2629	0.1717	0.0096	-0.0015	-0.3058	1.8557	76.97	98.93%	77.80	-0.0954	-0.3269	-0.4839	0.3465	0.0230	-0.0025	-0.5392	1.8607	77.36	99.43%	77.80	-0.1468	-0.4921	-0.7071	0.5217	0.0425	-0.0037	-0.7855	1.9077	77.17	99.18%	77.80
Stoddard 33/4.16 (D)		0.0002	5.82	20.77%	28.02	-0.0066	-0.0044	-0.0141	0.0197	0.0024	-0.0010	-0.0040	0.0022	5.82	20.77%	28.02	-0.0133	-0.0092	-0.0283	0.0398	0.0056	-0.0019	-0.0073	0.0032	5.82	20.77%	28.02	-0.0202	-0.0143	-0.0426	0.0588	0.0110	-0.0029	-0.0102	0.0054	5.82	20.77%	28.02
Strathmore 66/12 (D)		0.0007	18.95	27.24%	69.57	-0.0414	-0.0276	-0.0309	0.0343	0.0045	-0.0069	-0.0680	0.0100	18.91	27.18%	69.57	-0.0773	-0.0496	-0.0611	0.0730	0.0106	-0.0105	-0.1149	0.0143	18.87	27.13%	69.57	-0.1126	-0.0728	-0.0937	0.1123	0.0183	-0.0143	-0.1628	0.0239	18.84	27.08%	69.57
Stroh P.T. 33/4.16 (A)		0.0000	0.93	95.38%	0.98	-0.0039	-0.0001	-0.0007	0.0046	0.0005	0.0000	0.0004	0.0000	0.93	95.38%	0.98	-0.0071	-0.0002	-0.0016	0.0094	0.0012	0.0000	0.0017	0.0000	0.93	95.38%	0.98	-0.0107	-0.0003	-0.0025	0.0139	0.0024	0.0000	0.0028	0.0000	0.93	95.38%	0.98
Styx P.T. 33/12 (A)		-0.0013	[redacted]			-0.0008	-0.0002	-0.0167	0.0253	0.0008	-0.0010	0.0074	-0.0025	[redacted]			-0.0014	-0.0004	-0.0290	0.0515	0.0018	-0.0037	0.0188	-0.0031	[redacted]			-0.0021	-0.0006	-0.0405	0.0765	0.0030	-0.0063	0.0300	-0.0026	[redacted]		
Sullivan 66/12 (D)		1.6278	63.83	57.09%	111.80	-0.0450	-0.0950	-0.2255	0.3084	0.0118	-0.0066	-0.0519	2.0028	64.27	57.49%	111.80	-0.0858	-0.1739	-0.3986	0.6332	0.0296	-0.0172	-0.0127	2.1362	66.97	59.90%	111.80	-0.1307	-0.2615	-0.5674	0.9458	0.0512	-0.0262	0.0112	2.2290	70.46	63.02%	111.80
Sullivan 66/4.16 (D)		0.0000	4.08	52.75%	7.73	0.0000	0.0000	-0.0031	0.0322	0.0061	-0.0002	0.0350	0.0006	4.12	53.27%	7.73	0.0000	0.0000	-0.0061	0.0654	0.0109	-0.0005	0.0697	0.0009	4.16	53.78%	7.73	0.0000	0.0000	-0.0091	0.0985	0.0160	-0.0007	0.1047	0.0009	0.00	0.00%	7.73
Sun City 115/12 (D)		4.1599	82.08	75.16%	109.21	-0.2809	-0.0254	-0.0842	0.1986	0.0089	-0.0008	-0.1838	6.9464	85.09	77.92%	109.21	-0.4720	-0.0439	-0.1657	0.4181	0.0219	-0.0054	-0.2470	7.9556	86.14	78.88%	109.21	-0.6580	-0.0627	-0.2416	0.6314	0.0403	-0.0112	-0.3018	9.3158	86.72	79.41%	109.21
Sunny Dunes 33/4.16 (D)		0.0326	8.25	61.14%	13.49	-0.0090	-0.0087	-0.0134	0.0095	0.0011	-0.0007	-0.0212	0.0436	8.25	61.14%	13.49	-0.0171	-0.0166	-0.0247	0.0196	0.0028	-0.0013	-0.0373	0.0477	8.23	60.99%	13.49	-0.0249	-0.0250	-0.0359	0.0295	0.0055	-0.0020	-0.0528	0.0520	8.22	60.92%	13.49
Sunnyside 66/12 (D)	GNA_2023	0.7912	67.69	99.64%	67.93	-0.0769	-0.1253	-0.2320	0.3455	0.0147	-0.0068	-0.0808	9.1768	72.23	106.32%	67.93	-0.1203	-0.2128	-0.4406	0.7935	0.0357	-0.0143	0.0412	9.1808	75.28	110.81%	67.93	-0.1683	-0.2933	-0.6358	1.2257	0.0692	-0.0212	0.1763	9.4153	75.02	83.54%	89.81
Sunnyside 66/4.16 (D)		0.0004	18.16	102.18%	17.77	-0.0312	-0.0030	-0.0237	0.1117	0.0042	-0.0010	0.0570	0.0052	17.70	99.59%	17.77	-0.0572	-0.0062	-0.0488	0.2288	0.0123	-0.0022	0.1267	0.0071	15.47	87.05%	17.77	-0.0869	-0.0096	-0.0741	0.3410	0.0239	-0.0035	0.1908	0.0106	15.54	87.44%	17.77
Surrey U.G.S. 16/4.16 (A)		0.0000	0.74	49.24%	1.50	-0.0006	0.0000	-0.0006	0.0108	0.0007	0.0000	0.0103	0.0001	0.76	50.58%	1.50	-0.0011	0.0000	-0.0013	0.0221	0.0019	0.0000	0.0216	0.0002	0.77	51.24%	1.50	-0.0019	0.0000	-0.0019	0.0309	0.0037	0.0000	0.0308	0.0003	0.78	51.91%	1.50
Tahiti 66/16 (D)		0.6354	18.69	64.19%	29.12	-0.0017	-0.0241	-0.0720	0.1510	0.0083	-0.0010	0.0605	0.6416	18.82	64.63%	29.12	-0.0028	-0.0373	-0.1223	0.3223	0.0199	-0.0017	0.1781	1.2875	19.67	67.55%	29.12	-0.0039	-0.0516	-0.1692	0.4969	0.0296	-0.0019	0.2999	1.8931	20.50	70.40%	29.12
Tahquitz P.T. 33/12 (A)		0.0000	0.68	53.93%	1.26	-0.0067	-0.0006	-0.0015	0.0034	0.0001	-0.0001	-0.0054	0.0004	0.67	53.14%	1.26	-0.0130	-0.0012	-0.0028	0.0069	0.0005	-0.0002	-0.0098	0.0006	0.67	53.14%	1.26	-0.0191	-0.0018	-0.0041	0.0102	0.0010	-0.0003	-0.0141	0.0010	0.66	52.34%	1.26
Talbert 66/12 (D)		8.8116	60.62	96.89%	62.56	-0.0543	-0.1915	-0.2196	0.1287	0.0069	-0.0016	-0.3314	9.1663	60.73	97.07%	62.56	-0.1046	-0.3571	-0.4072	0.2693	0.0170	-0.0040	-0.5866	9.3683	60.66	96.96%	62.56	-0.1602	-0.5349	-0.5941	0.4140	0.0274	-0.0060	-0.8538	9.4257	60.45	96.62%	62.56
Tamarisk 115/12 (D)		6.0595	126.27	90.21%	139.98	-0.2136	-0.1102	-0.2413	0.1768	0.0106	-0.0035	-0.3812	7.3329	125.42	89.60%	139.98	-0.4080	-0.2125	-0.4486	0.3614	0.0303	-0.0068	-0.6842	8.0808	125.97	89.99%	139.98	-0.5526	-0.3038	-0.6610	0.5593	0.0601	-0.0137	-0.9117	8.6201	126.32	90.24%	139.98
Tapia 66/16 (D)		0.8142	22.77	65.55%	34.74	-0.0022	-0.0268	-0.0723	0.0098	0.0012	-0.0007	-0.0910	0.8214	22.72	65.41%	34.74	-0.0040	-0.0453	-0.1239	0.0229	0.0051	-0.0016	-0.1468	1.5718	23.45	67.51%	34.74	-0.0060	-0.0650	-0.1787	0.0382	0.0094	-0.0026	-0.2047	2.2656	24.13	69.47%	34.74
Tatanka P.T. 16/4.16 (A)		0.0000	1.06	55.81%	1.90	-0.0011	-0.0002	-0.0026	0.0125	0.0003	0.0000	0.0089	0.0005	1.07	56.34%	1.90	-0.0020	-0.0004	-0.0049	0.0255	0.0014	0.0000	0.0196	0.0007	1.08	56.86%	1.90	-0.0031	-0.0006	-0.0072	0.0379	0.0027	0.0000	0.0297	0.0013	1.09	57.39%	1.90
Team 66/12 (D)		0.0007	45.77	78.53%	58.28	-0.0709	-0.0880	-0.1740	0.2546	0.0163	-0.0040	-0.0660	0.0077	45.77	78.53%	58.28	-0.1322	-0.1611	-0.3262	0.5241	0.0337	-0.0104	-0.0721	5.2354	51.28	87.99%	58.28	-0.1996	-0.2392	-0.4763	0.7819	0.0560	-0.0173	-0.0945	7.8223	53.96	92.58%	58.28
Telegraph 66/12 (D)		1.1208	108.03	75.05%	143.95	-0.1469	-0.0897	-0.2007	0.4552	0.0117	-0.0039	0.0257	2.9358	110.16	76.52%	143.95	-0.2633	-0.1643	-0.3947	0.9506	0.0293	-0.0078	0.1498	2.9619	110.31	76.63%	143.95	-0.3957	-0.2441	-0.5854	1.4405	0.0565	-0.0116	0.2602	2.9918	110.45	76.73%	143.95
Temescal P.T. 33/12 (A)		0.0002	[redacted]			-0.0028	-0.0017	-0.0021	0.0052	0.0002	0.0000	-0.0012	0.0032	[redacted]			-0.0055	-0.0032	-0.0039	0.0114	0.0007	0.0000	-0.0005	0.0059	[redacted]			-0.0081	-0.0048	-0.0056	0.0184	0.0013	0.0000	0.0012	0.0172	[redacted]		
Temescal P.T. 33/4.16 (A)		0.0000	2.13	21.85%	9.75	-0.0078	-0.0006	-0.0030	0.0261	0.0009	-0.0006	0.0150	0.0000	2.15	22.05%	9.75	-0.0144	-0.0011	-0.0062	0.0531	0.0021	-0.0011	0.0324	0.0000	2.17	22.26%	9.75	-0.0215	-0.0016	-0.0095	0.0784	0.0042	-0.0016	0.0484	0.0000	2.17	22.26%	9.75
Temple 16/4.16 (D)		0.1678	7.15	78.11%	9.15	-0.0011	-0.0014	-0.0083	0.0438	0.0018	-0.0010	0.0338	0.3287	7.36	80.41%	9.15	-0.0032	-0.0038	-0.0170	0.0830	0.0043	-0.0016	0.0617	0.3857	6.29	68.72%	9.15	-0.0054	-0.0063	-0.0259	0.1204	0.0081	-0.0022	0.0887	0.4249	6.37	69.59%	9.15
Tenaja 115/12 (D)		0.1652	55.10	76.04%	72.46	-0.0945	-0.0259	-0.0810	0.1349	0.0085	-0.0011	-0.0591	1.7589	56.85	78.46%	72.46	-0.1586	-0.0450	-0.1585	0.2858	0.0220	-0.0037	-0.0580	1.8175	56.92	78.56%	72.46	-0.2207	-0.0654	-0.2315	0.4295	0.0393	-0.0063	-0.0551	2.1036	57.23	78.98%	72.46
Tennessee 66/12 (D)		0.0014	48.04	65.99%	72.80	-0.1003	-0.0436	-0.0929	0.1305	0.0048	-0.0026	-0.1041	1.5286	49.69	68.25%	72.80	-0.1707	-0.0768	-0.1729	0.2818	0.0125	-0.0044	-0.1305	1.5351	49.67	68.22%	72.80	-0.2460	-0.1123	-0.2476	0.4330	0.0224	-0.0062	-0.1567	1.5516	49.65	68.20%	72.80
Terra Bella 66/12 (D)		0.0003	19.21	26.39%	72.80	-0.0515	-0.0595	-0.0515	0.0211	0.0033	0.0026	-0.1355	0.0059	19.14	26.29%	72.80	-0.0857	-0.0916	-0.0943	0.0490	0.0094	0.0034	-0.2098	0.0087	19.03	26.14%	72.80	-0.1322	-0.1410	-0.1446	0.0804	0.0150	0.0045	-0.3179	0.0345	18.95	26.03%	72.80
Terrace 16/4.16 (D)		0.0000	3.88	45.21%	8.58	-0.0030	-0.0008	-0.0045	0.0117	0.0011	-0.0002	0.0043	0.0000	3.89	45.33%	8.58	-0.0055	-0.0015	-0.0093	0.0240	0.0028	-0.0004	0.0101	0.0000	3.90	45.44%	8.58	-0.0084	-0.0023	-0.0142	0.0358	0.0053	-0.0006	0.0156	0.0000	3.90	45.44%	8.58
Thornhill 115/12 (D)	GNA_2023	0.2579	53.34	80.45%	66.30	-0.0915	-0.1291	-0.1783	0.0635	0.0030	-0.0049	-0.3373	0.3388	55.36	83.49%	66.30	-0.1629	-0.2267	-0.3169	0.1429	0.0090	-0.0101	-0.5647	2.1464	57.04	86.03%	66.30	-0.2327	-0.3312	-0.4502	0.2289	0.0184	-0.0155	-0.7823	3.5395	58.28	87.90%	66.30
Thousand Oaks 66/16 (D)		0.8903	121.68	84.48%	144.03	-0.1138	-0.1297	-0.3123	0.5950	0.0066	-0.0037	0.0421	2.0064	123.23	85.56%	144.03	-0.1937	-0.2283	-0.5971	1.3455	0.0242	-0.0088	0.3418	2.0147	122.83	85.28%	144.03	-0.2773	-0.3304	-0.8594	2.0746	0.0505	-0.0158	0.6422	2.0256	123.12	85.48%	144.03
Three Rivers 66/12 (D)		0.0001	8.30	76.36%	10.87	-0.0147	-0.0034	-0.0169	0.0209	0.0019	-0.0063	-0.0185	0.0006	8.29	76.27%	10.87	-0.0279	-0.0064	-0.0324	0.0431	0.0053	-0.0096	-0.0279	0.0008	8.28	76.18%	10.87	-0.0414	-0.0096	-0.0480	0.0647	0.0095	-0.0128	-0.0376	0.0011	8.29	76.27%	10.87
Timberwine 33/12 (D)		0.0000	3.34	18.74%	17.83	0.0000	0.0000	-0.0023	0.0014	0.0028	-0.0025	-0.0006	0.0000	3.34	18.74%	17.83	0.0000	0.0000	-0.0046	0.0030	0.0062	-0.0033	0.0013	0.0000	3.34	18.74%	17.83	0.0000	0.0000	-0.0068	0.0047	0.0090	-0.0042	0.0027	0.0000	3.35	18.79%	17.83
Timoteo 66/12 (D)		0.3544	95.94	79.45%	120.76	-0.1800	-0.2180	-0.4024	0.2189	0.0099	-0.0064	-0.5780	0.3877	95.52	79.10%	120.76	-0.3263	-0.4027	-0.7469	0.4534	0.0248	-0.0120	-1.0097	0.4024	95.05	78.71%	120.76	-0.4874	-0.6008	-1.0848	0.6837	0.0474	-0.0175	-1.4594	0.4294	94.65	78.38%	120.76
Tippecanoe 12/4.16 (D)		0.0001	5.67	84.95%	6.67	-0.0063	-0.0033	-0.0112	0.0189	0.0021	-0.0005	-0.0003	0.0014	5.68	85.10%	6.67	-0.0116	-0.0064	-0.0233	0.0387	0.0051	-0.0010	0.0015	0.0020	5.68	85.10%	6.67	-0.0161	-0.0089	-0.0355	0.0584	0.0102	-0.0017	0.0064	0.0029	5.70	85.40%	6.67
Tipton 66/12 (D)		0.0009	37.94	52.17%	72.72	-0.0279	-0.0597	-0.0690	0.0076	0.0064	-0.0005	-0.1431	0.0142	37.85	52.05%	72.72	-0.0453	-0.0926	-0.1282	0.0160	0.0159	-0.0009	-0.2351	0.0200	37.77	51.94%	72.72	-0.0625	-0.1279	-0.1866	0.0249	0.0260	-0.0012	-0.3273	0.0324	37.69	51.83%	72.72
Tollhouse P.T. 12/4.16 (A)		0.0000	[redacted]			-0.0002	-0.0002	-0.0003	0.0000	0.0000	0.0000	-0.0007	0.0000	[redacted]			-0.0004	-0.0004	-0.0006	0.0001	0.0000	0.0000	-0.0013	0.0000	[redacted]			-0.0006	-0.0006	-0.0009	0.0002	0.0001	0.0000	-0.0018	0.0000	[redacted]		
Topaz 66/4.16 (D)		0.0000	6.03	24.32%	24.79	-0.0006	-0.0025	-0.0094	0.1251	0.0195	-0.0019	0.1302	0.0003	6.18	24.93%	24.79	-0.0006	-0.0025	-0.0176	0.2568	0.0404	-0.0042	0.2723	0.0004	6.33	25.53%	24.79	-0.0006	-0.0025	-0.0254	0.3853	0.0647	-0.0066	0.4149	0.0007	6.47	26.10%	24.79
Torrance 66/16 (D)		1.8780	80.93	73.38%	110.30	-0.0264	-0.1751	-0.2889	0.3542	0.0282	-0.0066	-0.1146	4.4468	83.66	75.85%	110.30	-0.0470	-0.3208	-0.5233	0.7691	0.0557	-0.0128	-0.0791	11.2336	90.85	82.37%	110.30	-0.0677	-0.4601	-0.7501	1.2078	0.0864	-0.0212	-0.0049	14.9062	94.71	85.87%	110.30
Tortilla 115/12 (D)		6.5544	42.97	59.53%	72.18	-0.0334	-0.0404	-0.1414	0.0757	0.0051	-0.0052	-0.1396	6.7173	43.06	59.65%	72.18	-0.0608	-0.0683	-0.2512	0.1704	0.0125	-0.0113	-0.2087	19.1753	56.12	77.75%	72.18	-0.0894	-0.0982	-0.3569	0.2627	0.0224	-0.0175	-0.2769	26.4167	63.70	88.25%	72.18
Tortilla 115/33 (D)		0.7514	30.47	22.75%	133.95	-0.1067	-0.0405	-0.0753	0.0670	0.0140	-0.0025	-0.1440	0.8765	30.49	22.76%	133.95	-0.2026	-0.0742	-0.1405	0.1411	0.0326	-0.0055	-0.2491	0.9198	30.43	22.72%	133.95	-0.2967	-0.1105	-0.2044	0.2160	0.0581	-0.0086	-0.3461	0.9479	30.37	22.67%	133.95
Trask 66/12 (D)		0.6419	96.27	87.16%	110.46	-0.0872	-0.1202	-0.3131	0.4301	0.0242	-0.0126	-0.0788	0.8413	96.53	87.39%	110.46	-0.1631	-0.2230	-0.5699	0.8869	0.0568	-0.0265	-0.0388	0.9608	96.69	87.54%	110.46	-0.2446	-0.3324	-0.8215	1.3349	0.0948	-0.0398	-0.0086	1.2193	97.92	88.65%	110.46
Triton 115/12 (D)		0.5912	67.60	92.86%	72.80	-0.3160	-0.0260	-0.0742	0.1874	0.0077	-0.0005	-0.2216	1.3660	68.39	93.94%	72.80	-0.5149	-0.0456	-0.1500	0.4165	0.0213	-0.0037	-0.2764	1.8822	68.89	94.63%	72.80	-0.7168	-0.0665	-0.2217	0.6356	0.0389	-0.0069	-0.3374	2.5709	62.46	85.80%	72.80
Trona 33/12 (D)		0.0000	2.08	37.08%	5.61	-0.0074	-0.0016	-0.0051	0.0032	0.0006	-0.0002	-0.0105	0.0000	2.07	36.90%	5.61	-0.0121	-0.0023	-0.0097	0.0066	0.0026	-0.0007	-0.0156	0.0000	2.07	36.90%	5.61	-0.0168	-0.0031	-0.0145	0.0098	0.0052	-0.0011	-0.0205	0.0016	2.06	36.72%	5.61
Trophy 66/12 (D)		0.0017	68.61	73.74%	93.05	-0.0605	-0.0824	-0.1671	0.2327	0.0306	-0.0017	-0.0484	0.0258	68.66	73.79%	93.05	-0.1092	-0.1526	-0.3169	0.4857	0.0625	-0.0035	-0.0340	0.0358	68.68	73.81%	93.05	-0.1625	-0.2281	-0.4663	0.7390	0.0975	-0.0051	-0.0255	0.0515	68.01	73.09%	93.05
Tulare 66/12 (D)		1.0891	128.29	89.05%	144.07	-0.1373	-0.1490	-0.3471	0.1629	0.0128	-0.0143	-0.4720	1.8166	128.74	89.36%	144.07	-0.2508	-0.2826	-0.6509	0.3996	0.0383	-0.0281	-0.7745	2.2096	128.83	89.42%	144.07	-0.3712	-0.4211	-0.9575	0.6387	0.0721	-0.0425	-1.0815	2.7384	129.17	89.66%	144.07
Twentynine Palms 33/12 (D)		0.0000	10.23	86.98%	11.76	-0.0153	-0.0067	-0.0250	0.0117	0.0059	-0.0013	-0.0307	0.0000	11.09	94.30%	11.76	-0.0289	-0.0124	-0.0461	0.0256	0.0133	-0.0041	-0.0526	4.5858	16.08	57.43%	28.00	-0.0470	-0.0202	-0.0706	0.0442	0.0173	-0.0059	-0.0822	6.5105	18.16	64.86%	28.00
Twentynine Palms 33/4.8 (D)		0.0000	1.35	27.00%	5.00	-0.0051	-0.0017	-0.0037	0.0040	0.0005	-0.0005	-0.0065	0.0000	0.01	0.20%	5.00	-0.0106	-0.0032	-0.0075	0.0082	0.0011	-0.0010	-0.0130	0.0000	0.00	0.00%	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00
Tyburn P.T. 16/4.16 (A)		0.0000	0.64	17.05%	3.75	0.0000	0.0000	-0.0007	0.0117	0.0036	-0.0002	0.0144	0.0003	0.65	17.32%	3.75	0.0000	0.0000	-0.0015	0.0239	0.0036	-0.0004	0.0256	0.0004	0.66	17.59%	3.75	0.0000	0.0000	-0.0023	0.0355	0.0036	-0.0006	0.0362	0.0007	0.00	0.00%	3.75
Upland 66/12 (D)		0.0009	92.45	79.22%	116.71	-0.0784	-0.1315	-0.2368	0.2038	0.0103	-0.0090	-0.2416	1.2043	93.58	80.18%	116.71	-0.1428	-0.2478	-0.4552	0.4282	0.0262	-0.0172	-0.4086	1.2084	91.55	78.44%	116.71	-0.2091	-0.3719	-0.6712	0.6556	0.0508	-0.0249	-0.5707	2.4187	92.64	79.38%	116.71
Upland 66/4.16 (D)		0.0003	11.03	61.12%	18.05	-0.0088	-0.0009	-0.0089	0.0370	0.0053	-0.0004	0.0233	0.0054	11.06	61.28%	18.05	-0.0145	-0.0014	-0.0192	0.0764	0.0115	-0.0011	0.0517	0.0073	11.10	61.50%	18.05	-0.0206	-0.0019	-0.0297	0.1130	0.0206	-0.0018	0.0796	0.0128	11.13	61.67%	18.05
Vail 66/16 (D)	GNA_2023	11.9021	108.86	95.49%	114.00	-0.0452	-0.2363	-0.4306	0.2076	0.0115	-0.0100	-0.5030	14.3549	111.00	97.37%	114.00	-0.0949	-0.4704	-0.7811	0.4203	0.0260	-0.0187	-0.9188	19.3826	115.81	101.59%	114.00	-0.1471	-0.7105	-1.1321	0.6189	0.0460	-0.0278	-1.3526	23.4043	119.58	84.81%	141.00
Valdez 66/16 (D)		0.0020	97.10	66.91%	145.12	-0.1161	-0.0647	-0.1775	0.4681	0.0069	-0.0035	0.1132	0.0325	97.41	67.12%	145.12	-0.1866	-0.1161	-0.3441	0.9984	0.0182	-0.0071	0.3627	6.8746	105.16	72.46%	145.12	-0.2646	-0.1711	-0.5122	1.5191	0.0353	-0.0106	0.5959	9.9514	108.76	74.95%	145.12

2026											2027							Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [26]	Non-Residential PV (MW) [26]	EE (MW) [26]	EV (MW) [26]	BE (MW) [26]	ES (MW) [26]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
-0.0340	-0.0105	-0.0166	0.0680	0.0129	-0.0003	0.0195	0.0009	2.59	28.43%	9.11	-0.0402	-0.0128	-0.0200	0.0866	0.0160	-0.0001	0.0295	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0141	-0.0026	-0.0466	0.9178	0.0774	-0.0088	0.9231	0.0005	10.70	69.44%	15.41	-0.0174	-0.0031	-0.0572	1.1307	0.1010	-0.0116	1.1424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1952	-0.5959	-1.0919	0.9536	0.1212	-0.0424	-0.8506	3.8705	96.18	88.08%	109.20	-0.2521	-0.7481	-1.3360	1.1621	0.1720	-0.0532	-1.0553	1.50	1.87	1.78	1.67	1.54	1.59%	1.99%	1.89%	1.78%	1.64%
-0.0204	-0.0068	-0.0293	0.1359	0.0181	-0.0033	0.0942	0.0058	7.13	92.18%	7.73	-0.0277	-0.0086	-0.0362	0.1631	0.0254	-0.0042	0.1118	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0054	-0.0002	-0.0145	0.0829	0.0069	-0.0096	0.0601	2.5302	7.60	76.00%	10.00	-0.0109	-0.0004	-0.0183	0.1022	0.0099	-0.0111	0.0714	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0485	-0.0628	-0.1209	0.1050	0.0092	-0.0047	-0.1227	0.1233	12.66	74.79%	16.93	-0.0608	-0.0762	-0.1481	0.1291	0.0141	-0.0061	-0.1480	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0563	-0.0156	-0.0469	0.0650	0.0131	-0.0017	-0.0424	0.0926	4.47	59.55%	7.51	-0.0717	-0.0193	-0.0575	0.0790	0.0200	-0.0021	-0.0516	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0162	-0.0151	-0.0194	0.0153	0.0123	-0.0015	-0.0246	0.0000	2.45	42.60%	5.75	-0.0209	-0.0184	-0.0239	0.0187	0.0171	-0.0018	-0.0292	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0313	-0.0081	-0.0347	0.0806	0.0121	0.0053	0.0239	0.5007	[redacted]			-0.0357	-0.0096	-0.0417	0.1002	0.0139	0.0064	0.0335	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.3481	-0.5828	-0.9011	0.6340	0.0517	-0.0270	-1.1733	5.3112	82.30	87.55%	94.00	-0.4624	-0.7485	-1.0968	0.7883	0.0747	-0.0331	-1.4778	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1098	-0.2916	-0.4468	0.4794	0.0715	-0.0110	-0.3083	1.7905	44.31	86.43%	51.26	-0.1388	-0.3614	-0.5448	0.6062	0.0885	-0.0148	-0.3651	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1271	-0.0021	-0.0090	0.0366	0.0060	-0.0058	-0.1014	0.0575	4.95	67.99%	7.28	-0.1477	-0.0025	-0.0111	0.0451	0.0087	-0.0078	-0.1153	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0603	-0.0027	-0.0328	0.1882	0.0081	-0.0059	0.0946	0.0000	8.24	22.64%	36.39	-0.0764	-0.0034	-0.0403	0.2290	0.0118	-0.0071	0.1136	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0751	-0.0021	-0.0519	0.2916	0.0341	-0.0008	0.1958	0.0047	11.98	70.15%	17.08	-0.0932	-0.0024	-0.0638	0.3551	0.0488	-0.0016	0.2429	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2922	-0.1325	-0.3538	0.3565	0.0849	-0.0109	-0.3480	3.9684	62.89	86.90%	72.37	-0.3703	-0.1699	-0.4308	0.4337	0.1217	-0.0139	-0.4295	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4692	-0.5931	-0.6280	0.2539	0.0757	-0.0045	-1.3652	70.5045	130.70	90.33%	144.70	-0.5955	-0.7588	-0.7672	0.3185	0.0890	-0.0061	-1.7201	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0271	-0.3638	-0.6351	1.1576	0.1261	-0.0264	0.2313	0.0290	46.13	77.15%	59.79	-0.0334	-0.4592	-0.7669	1.4738	0.1617	-0.0321	0.3439	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0354	0.4992	0.1114	-0.0097	0.5655	0.0099	9.03	77.83%	11.60	-0.0008	-0.0001	-0.0440	0.6268	0.1383	-0.0112	0.7090	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	-0.0012	-0.0030	0.0455	0.0042	0.0000	0.0451	0.0456	0.67	51.67%	1.30	-0.0005	-0.0015	-0.0036	0.0593	0.0052	0.0000	0.0589	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2271	-0.0865	-0.2619	0.4180	0.0219	-0.0059	-0.1415	1.3909	27.53	75.65%	36.39	-0.2959	-0.1115	-0.3208	0.5303	0.0336	-0.0073	-0.1716	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1957	-0.5080	-1.0954	1.2040	0.0838	-0.0695	-0.5808	26.8723	125.21	111.18%	112.62	-0.2512	-0.6263	-1.3385	1.4829	0.1194	-0.0910	-0.7047	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4133	-0.4710	-0.9447	2.0042	0.0856	-0.0167	0.2441	18.9396	125.17	98.88%	126.59	-0.5147	-0.6010	-1.1450	2.4514	0.1318	-0.0204	0.3021	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1241	-0.0606	-0.0852	0.0786	0.0188	-0.0022	-0.1747	0.0146	9.72	71.20%	13.65	-0.1519	-0.0768	-0.1046	0.1004	0.0283	-0.0027	-0.2073	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0204	-0.0004	-0.0072	0.0202	0.0066	0.0000	-0.0012	0.6246	2.40	92.81%	2.59	-0.0256	-0.0005	-0.0088	0.0243	0.0101	0.0000	-0.0005	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0404	0.1550	0.1229	-0.0129	0.2246	0.0997	7.98	60.77%	13.13	0.0000	0.0000	-0.0495	0.1888	0.1535	-0.0159	0.2769	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2234	-0.9414	-1.2370	0.9139	0.1718	-0.0608	-1.3769	9.0671	100.92	78.84%	128.00	-0.2916	-1.1967	-1.5041	1.1404	0.2097	-0.0772	-1.7195	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0116	17.47	24.00%	72.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4052	-0.7988	-1.1958	1.3231	0.0845	-0.0514	-1.0436	7.6503	137.56	94.57%	145.45	-0.4967	-0.9986	-1.4435	1.6384	0.1291	-0.0646	-1.2359	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1317	-0.7582	-0.8150	0.2745	0.0355	-0.0015	-1.3964	5.2189	54.67	75.75%	72.17	-0.1614	-0.9568	-0.9924	0.3543	0.0481	-0.0032	-1.7114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3385	-0.5099	-0.8917	1.5056	0.0657	-0.0326	-0.2014	5.9868	104.79	91.19%	114.92	-0.4243	-0.6448	-1.0617	1.8374	0.1038	-0.0358	-0.2254	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1742	-0.3134	-0.4642	1.1233	0.0265	-0.0048	0.1932	13.4572	63.05	86.93%	72.53	-0.2166	-0.3878	-0.5739	1.3959	0.0424	-0.0072	0.2528	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0628	-0.0435	-0.1152	0.5358	0.0399	-0.0109	0.3433	0.0033	17.17	67.68%	25.37	-0.0813	-0.0545	-0.1418	0.6625	0.0579	-0.0139	0.4289	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1289	-0.2891	-0.6076	1.6087	0.1023	-0.0201	0.6653	11.4991	52.22	99.08%	52.71	-0.1408	-0.3148	-0.6989	1.9865	0.1571	-0.0317	0.9574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0276	-0.0095	-0.0404	0.2364	0.0187	-0.0013	0.1763	0.0005	2.08	17.22%	12.08	-0.0340	-0.0116	-0.0490	0.2900	0.0293	-0.0015	0.2232	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1478	-0.7621	-1.1989	0.8803	0.1061	-0.0706	-1.1930	3.0780	70.29	76.87%	91.44	-0.1819	-0.9666	-1.4500	1.0921	0.1498	-0.0878	-1.4444	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1758	-0.7308	-1.0722	2.0292	0.0782	-0.0164	0.1122	7.2351	77.24	71.85%	107.50	-0.2231	-0.9260	-1.2953	2.4955	0.1009	-0.0214	0.1306	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0329	-0.0328	-0.0791	0.6072	0.0318	-0.0045	0.4897	0.0021	8.35	56.14%	14.87	-0.0420	-0.0409	-0.0957	0.7372	0.0407	-0.0058	0.5935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2076	-1.0547	-1.4581	0.8142	0.0645	-0.0188	-1.8605	3.2180	115.96	82.86%	139.96	-0.2611	-1.3392	-1.7569	1.0150	0.0911	-0.0234	-2.2745	17.83	18.33	18.13	18.11	18.59	18.31%	18.83%	18.62%	18.60%	19.09%
-0.0561	-0.5663	-0.9131	1.5683	0.0798	-0.0124	0.1002	34.9403	91.85	96.46%	95.22	-0.0718	-0.7332	-1.1172	1.9220	0.1133	-0.0126	0.1005	0.00	0.00	3.88	11.47	19.82	0.00%	0.00%	5.39%	15.93%	27.52%
-0.0139	-0.0926	-0.1088	0.2801	0.0257	-0.0030	0.0875	0.0028	8.30	33.48%	24.79	-0.0174	-0.1194	-0.1329	0.3471	0.0367	-0.0027	0.1114	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6078	-0.9038	-1.2844	0.6550	0.1636	-0.0217	-1.9991	9.5512	120.80	86.91%	139.00	-0.7384	-1.1618	-1.5669	0.8119	0.2008	-0.0261	-2.4805	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8810	-0.2460	-0.8454	0.6754	0.1159	-0.0332	-1.2143	5.0902	88.94	66.43%	133.89	-1.0880	-0.3204	-1.0340	0.8510	0.1482	-0.0401	-1.4833	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6642	-0.3820	-0.8696	2.0095	0.0860	-0.0228	0.1569	1.8135	131.53	98.74%	133.20	-0.8388	-0.4834	-1.0570	2.4632	0.1330	-0.0288	0.1882	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4820	-1.0764	-1.9975	3.2513	0.1220	-0.0334	-0.2160	13.9666	187.98	93.33%	201.41	-0.5793	-1.3260	-2.4264	3.9511	0.1661	-0.0460	-0.2605	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2152	-0.4408	-0.3725	0.2788	0.0345	-0.0049	-0.7201	22.9379	[redacted]			-0.2702	-0.5696	-0.4548	0.3447	0.0406	-0.0056	-0.9149	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2355	-0.1738	-0.4738	1.9875	0.1549	-0.0303	1.2290	1.8967	57.06	97.05%	58.79	-0.2932	-0.2199	-0.5802	2.4276	0.2107	-0.0381	1.5069	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1891	-0.7172	-1.3291	1.0593	0.0301	-0.0173	-1.1633	34.9011	150.67	104.24%	144.54	-0.2322	-0.9009	-1.6207	1.3317	0.0446	-0.0220	-1.3995	0.00	0.00	0.00	0.00	6.16	0.00%	0.00%	0.00%	0.00%	4.26%
-0.8485	-0.5779	-0.9525	0.7655	0.0731	-0.0514	-1.5917	3.9579	116.07	88.94%	130.50	-1.0933	-0.7290	-1.1696	0.9456	0.1113	-0.0659	-2.0009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0131	-0.2029	-0.3309	0.4937	0.1028	-0.0016	0.0480	1.7241	25.20	35.14%	71.71	-0.0145	-0.2513	-0.4011	0.6178	0.1078	-0.0021	0.0566	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0046	0.0000	0.0000	0.0046	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0057	0.0000	0.0000	0.0057	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0143	-0.1053	-0.2147	0.3212	0.0262	-0.0007	0.0124	0.0523	19.51	40.03%	48.74	-0.0167	-0.1237	-0.2674	0.4031	0.0375	-0.0014	0.0314	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0318	-0.0787	-0.0323	0.0649	0.0156	0.0003	-0.0620	0.0778	[redacted]			-0.0382	-0.1003	-0.0385	0.0804	0.0199	0.0004	-0.0763	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0197	-0.0012	-0.0110	0.0171	0.0123	-0.0035	-0.0060	0.0000	2.56	41.32%	6.20	-0.0236	-0.0016	-0.0138	0.0211	0.0182	-0.0043	-0.0040	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1190	-0.6841	-1.2141	0.7105	0.0492	-0.0087	-1.2662	3.1892	69.83	63.87%	109.32	-0.1530	-0.8660	-1.4862	0.8742	0.0582	-0.0111	-1.5839	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0016	-0.0004	-0.0008	0.0025	0.0039	0.0000	0.0036	0.0001	[redacted]			-0.0020	-0.0005	-0.0010	0.0030	0.0056	0.0000	0.0051	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.7217	-0.4630	-0.8522	0.8426	0.0946	-0.0019	-1.1016	1.8472	91.68	96.97%	94.55	-0.9187	-0.5769	-1.0390	1.0484	0.1312	-0.0038	-1.3588	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2439	-0.3728	-0.6117	1.4426	0.0955	-0.0215	0.2882	5.9719	65.01	99.32%	65.46	-0.3202	-0.4714	-0.7318	1.7591	0.1355	-0.0288	0.3424	0.00	1.09	1.89	2.19	2.59	0.00%	1.75%	3.03%	3.51%	4.15%
-0.0159	-0.0036	-0.0081	0.0386	0.0247	0.0063	0.0420	0.0007	1.90	38.00%	5.00	-0.0201	-0.0046	-0.0098	0.0488	0.0312	0.0072	0.0527	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5214	-0.4825	-1.0271	0.8612	0.0602	-0.0171	-1.1267	11.6140	129.01	88.60%	145.61	-0.6617	-0.6150	-1.2596	1.0701	0.0926	-0.0209	-1.3945	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0230	-0.0097	-0.0274	0.2802	0.0155	-0.0011	0.2345	0.0000	3.06	33.43%	9.15	-0.0281	-0.0121	-0.0335	0.3413	0.0234	-0.0013	0.2897	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0194	-0.0095	-0.0333	0.1395	0.0153	-0.0013	0.0913	0.0000	5.49	82.26%	6.67	-0.0232	-0.0118	-0.0406	0.1717	0.0236	-0.0018	0.1179	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0227	-0.3038	-0.3767	0.2381	0.0061	-0.0017	-0.4607	2.2935	26.79	75.33%	35.57	-0.0270	-0.3725	-0.4556	0.3125	0.0088	-0.0029	-0.5367	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2141	-0.0653	-0.2334	0.2894	0.0309	-0.0044	-0.1969	0.0031	34.70	95.98%	36.15	-0.2508	-0.0804	-0.2859	0.3600	0.0464	-0.0055	-0.2162	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0008	0.0108	0.0000	0.0116	0.0000	[redacted]			0.0000	0.0000	0.0000	0.0010	0.0139	0.0000	0.0149	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.1845	-0.2080	-0.3442	0.2023	0.0279	-0.0061	-0.5126	0.0000	31.13	94.27%	33.02	-0.2403	-0.2639	-0.4190	0.2559	0.0433	-0.0076	-0.6316	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0051	-0.0585	-0.1658	0.0916	0.1074	-0.0123	-0.0427	6.8154	38.12	65.45%	58.24	-0.0051	-0.0585	-0.2017	0.1133	0.1389	-0.0165	-0.0296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0135	-0.0004	-0.0060	0.0086	0.0037	-0.0029	-0.0105	0.0657	1.83	12.20%	15.00	-0.0168	-0.0005	-0.0073	0.0103	0.0052	-0.0037	-0.0128	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6660	-0.1693	-0.4348	0.7566	0.0902	-0.0121	-0.4354	0.8237	71.07	75.09%	94.65	-0.8016	-0.2132	-0.5296	0.9325	0.1380	-0.0160	-0.4899	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3204	-0.2112	-0.5452	2.1673	0.1006	-0.0232	1.1679	1.6985	52.10	71.60%	72.77	-0.4052	-0.2682	-0.6463	2.6309	0.1447	-0.0309	1.4250	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0229	0.0000	-0.0130	0.0696	0.0089	-0.0015	0.0411	0.0006	3.22	44.23%	7.28	-0.0300	0.0000	-0.0160	0.0835	0.0136	-0.0020	0.0491	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0004	0.0004	0.0026	-0.0008	0.0018	0.0092	[redacted]			0.0000	0.0000	-0.0005	0.0005	0.0040	-0.0009	0.0031	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.2532	-0.0568	-0.2889	1.8849	0.0365	-0.0255	1.2970	6.5892	67.47	92.68%	72.80	-0.3016	-0.0694	-0.3548	2.3126	0.0555	-0.0331	1.6092	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1217	-0.2359	-0.5197	0.6595	0.0644	-0.0246	-0.1780	0.8354	47.45	81.75%	58.04	-0.1557	-0.3047	-0.6300	0.7993	0.0920	-0.0300	-0.2291	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0608	-0.0084	-0.0515	0.1832	0.0250	-0.0045	0.0830	0.0137	9.68	62.58%	15.47	-0.0776	-0.0101	-0.0626	0.2232	0.0364	-0.0061	0.1032	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1808	-0.1040	-0.2622	0.8432	0.0390	-0.0010	0.3342	0.8806	35.90	99.48%	36.09	-0.2299	-0.1339	-0.3185	1.0578	0.0556	-0.0015	0.4296	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0170	-0.0004	-0.0113	0.0545	0.0065	-0.0001	0.0322	0.0000	2.32	71.38%	3.25	-0.0229	-0.0005	-0.0136	0.0656	0.0102	-0.0001	0.0387	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1040	-0.0027	-0.0247	0.0405	0.0079	0.0001	-0.0829	0.4818	7.61	63.65%	11.96	-0.1225	-0.0033	-0.0295	0.0495	0.0125	0.0001	-0.0932	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2927	-0.3214	-0.6239	1.4758	0.0558	-0.0083	0.2853	1.6947	81.26	74.74%	108.73	-0.3693	-0.4132	-0.7594	1.8036	0.0828	-0.0100	0.3345	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0387	-0.0180	-0.0898	0.1662	0.0366	-0.0104	0.0459	0.0000	12.75	99.85%	12.77	-0.0502	-0.0213	-0.1089	0.2013	0.0546	-0.0132	0.0623	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4013	-0.4920	-0.9031	2.1814	0.1454	0.0005	0.5309	14.9880	102.12	70.14%	145.60	-0.5209	-0.6437	-1.0943	2.6867	0.1910	0.0041	0.6229	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9194	-0.9441	-1.0476	0.9928	0.0985	-0.0139	-1.8337	4.2664	126.52	90.37%	140.00	-1.1045	-1.1860	-1.2747	1.2335	0.1497	-0.0190	-2.2010	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0932	-0.4278	-0.6367	1.6700	0.0888	-0.0060	0.5951	2.6440	43.45	83.84%	51.83	-0.1188	-0.5220	-0.7542	2.2090	0.1153	-0.0077	0.9216	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9179	-0.3910	-0.8305	0.6322	0.1040	-0.0272	-1.4304	2.0322	119.97	93.41%	128.44	-1.0865	-0.4879	-1.0166	0.7711	0.1575	-0.0384	-1.7008	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1983	-0.6575	-0.9146	0.6898	0.0700	-0.0050	-1.0156	2.0866	77.12	99.12%	77.80	-0.2569	-0.8335	-1.1045	0.8534	0.1025	-0.0063	-1.2453	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0238	-0.0173	-0.0553	0.0770	0.0179	-0.0044	-0.0059	0.0110	5.84	20.84%	28.02	-0.0265	-0.0196	-0.0676	0.0933	0.0273	-0.0060	0.0009	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1480	-0.0977	-0.1202	0.1503	0.0285	-0.0179	-0.2050	0.0477	18.82	27.05%	69.57	-0.1828	-0.1240	-0.1444	0.1866	0.0381	-0.0218	-0.2483	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0147	-0.0004	-0.0033	0.0179	0.0039	0.0000	0.0034	0.0000	0.93	95.38%	0.98	-0.0189	-0.0005	-0.0040	0.0215	0.0058	0.0000	0.0039	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0028	-0.0008	-0.0516	0.0990	0.0048	-0.0090	0.0396	-0.0023	[redacted]			-0.0035	-0.0010	-0.0626	0.1192	0.0070	-0.0122	0.0469	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.1733	-0.3485	-0.7285	1.2411	0.0841	-0.0330	0.0419	2.2555	71.23	63.71%	111.80	-0.2242	-0.4504	-0.8829	1.5137	0.1255	-0.0393	0.0424	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8383	-0.0806	-0.3161	0.8196	0.0693	-0.0156	-0.3617	13.4020	89.44	81.90%	109.21	-1.0058	-0.0983	-0.3881	0.9948	0.1051	-0.0220	-0.4143	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0322	-0.0337	-0.0464	0.0386	0.0094	-0.0026	-0.0669	0.0579	8.22	60.92%	13.49	-0.0390	-0.0429	-0.0568	0.0472	0.0143	-0.0032	-0.0804	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2544	-0.4233	-0.8284	1.5644	0.1157	-0.0258	0.1482	10.3389	76.00	84.63%	89.81	-0.3496	-0.5553	-1.0065	1.9431	0.1595	-0.0305	0.1607	1.90	9.40	13.20	12.87	13.87	2.80%	13.84%	19.43%	18.95%	20.42%
-0.1157	-0.0123	-0.0982	0.4413	0.0407	-0.0057	0.2501	0.0189	15.60	87.78%	17.77	-0.1491	-0.0151	-0.1206	0.5355	0.0590	-0.0084	0.3013	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0027	0.0000	-0.0024	0.0390	0.0061	0.0000	0.0400	0.0006	0.79	52.57%	1.50	-0.0032	0.0000	-0.0030	0.0476	0.0085	0.0000	0.0499	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0050	-0.0672	-0.2147	0.6962	0.0413	-0.0014	0.4492	2.6024	21.43	73.60%	29.12	-0.0060	-0.0834	-0.2583	0.8799	0.0521	-0.0012	0.5831	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0249	-0.0024	-0.0053	0.0132	0.0016	-0.0004	-0.0182	0.0020	0.66	52.34%	1.26	-0.0304	-0.0031	-0.0065	0.0159	0.0023	-0.0005	-0.0223	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2165	-0.7144	-0.7604	0.5576	0.0403	-0.0048	-1.0982	9.5086	60.27	96.33%	62.56	-0.2842	-0.8992	-0.9207	0.7022	0.0538	-0.0053	-1.3534	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6850	-0.3966	-0.8652	0.7458	0.0992	-0.0202	-1.1220	8.7142	126.21	90.16%	139.98	-0.8125	-0.4936	-1.0578	0.9185	0.1456	-0.0263	-1.3261	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0080	-0.0851	-0.2353	0.0554	0.0142	-0.0036	-0.2624	3.0934	24.94	71.80%	34.74	-0.0102	-0.1061	-0.2909	0.0721	0.0190	-0.0047	-0.3208	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0037	-0.0007	-0.0096	0.0502	0.0040	-0.0003	0.0399	0.0027	1.11	58.44%	1.90	-0.0037	-0.0007	-0.0109	0.0607	0.0069	-0.0006	0.0517	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2767	-0.3319	-0.6168	1.0110	0.0802	-0.0215	-0.1557	10.5062	56.68	97.25%	58.28	-0.3724	-0.4531	-0.7473	1.2193	0.1075	-0.0251	-0.2711	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5358	-0.3212	-0.7580	1.9015	0.0930	-0.0156	0.3639	3.0401	110.58	76.82%	143.95	-0.6936	-0.4020	-0.9264	2.3331	0.1384	-0.0198	0.4297	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0105	-0.0065	-0.0071	0.0256	0.0020	0.0000	0.0035	0.0172	[redacted]			-0.0127	-0.0083	-0.0086	0.0328	0.0030	0.0000	0.0062	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0325	-0.0024	-0.0123	0.0992	0.0065	-0.0021	0.0564	0.0000	2.18	22.36%	9.75	-0.0440	-0.0033	-0.0150	0.1181	0.0096	-0.0026	0.0628	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0064	-0.0077	-0.0343	0.1586	0.0143	-0.0033	0.1212	0.4277	6.41	70.03%	9.15	-0.0073	-0.0092	-0.0421	0.1927	0.0206	-0.0045	0.1502	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2791	-0.0868	-0.3027	0.5584	0.0672	-0.0088	-0.0518	3.3172	58.57	80.83%	72.46	-0.3331	-0.1093	-0.3717	0.6745	0.1022	-0.0115	-0.0489	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3250	-0.1496	-0.3197	0.5752	0.0384	-0.0080	-0.1887	1.5953	49.65	68.20%	72.80	-0.4105	-0.1887	-0.3900	0.7079	0.0584	-0.0099	-0.2328	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1791	-0.1937	-0.1870	0.1140	0.0227	0.0055	-0.4176	0.1305	18.99	26.08%	72.80	-0.2129	-0.2325	-0.2199	0.1497	0.0318	0.0062	-0.4776	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0115	-0.0031	-0.0189	0.0464	0.0091	-0.0008	0.0212	0.0000	3.91	45.56%	8.58	-0.0150	-0.0039	-0.0232	0.0560	0.0129	-0.0010	0.0258	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2997	-0.4412	-0.5856	0.3145	0.0337	-0.0203	-0.9986	5.1187	59.75	90.12%	66.30	-0.3541	-0.5417	-0.7092	0.3929	0.0506	-0.0263	-1.1878	0.96	0.96	0.96	0.96	0.95	96.10%	96.00%	95.80%	95.50%	95.20%
-0.3634	-0.4378	-1.0982	2.7337	0.0844	-0.0227	0.8960	2.3067	123.64	85.84%	144.03	-0.4502	-0.5545	-1.3396	3.3291	0.1290	-0.0275	1.0863	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0425	-0.0099	-0.0614	0.0851	0.0144	-0.0165	-0.0308	0.0018	8.29	76.27%	10.87	-0.0436	-0.0102	-0.0739	0.1037	0.0198	-0.0207	-0.0249	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0087	0.0063	0.0125	-0.0050	0.0051	0.0000	3.35	18.79%	17.83	0.0000	0.0000	-0.0105	0.0078	0.0167	-0.0059	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6323	-0.7809	-1.3992	0.9047	0.0768	-0.0268	-1.8577	0.4978	94.34	78.12%	120.76	-0.7494	-0.9584	-1.7077	1.1198	0.1173	-0.0400	-2.2184	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0187	-0.0104	-0.0463	0.0771	0.0169	-0.0026	0.0160	0.0051	5.71	85.55%	6.67	-0.0213	-0.0119	-0.0569	0.0937	0.0259	-0.0036	0.0259	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0781	-0.1630	-0.2353	0.0336	0.0337	-0.0016	-0.4107	0.0650	37.64	51.76%	72.72	-0.0934	-0.2006	-0.2801	0.0423	0.0422	-0.0020	-0.4916	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0008	-0.0008	-0.0011	0.0003	0.0001	0.0000	-0.0023	0.0000	[redacted]			-0.0010	-0.0010	-0.0013	0.0004	0.0002	0.0000	-0.0027	0.00	0.00	0.00	0.00	0.00	[redacted]				
-0.0006	-0.0025	-0.0327	0.5037	0.0867	-0.0090	0.5456	0.0015	6.60	26.62%	24.79	-0.0006	-0.0025	-0.0396	0.6130	0.1068	-0.0117	0.6654	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0908	-0.6222	-0.9622	1.5870	0.1296	-0.0292	0.0122	18.7327	98.73	89.51%	110.30	-0.1151	-0.7912	-1.1663	1.9500	0.1808	-0.0363	0.0219	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1189	-0.1297	-0.4578	0.3641	0.0359	-0.0230	-0.3294	34.2216	72.93	101.03%	72.18	-0.1496	-0.1627	-0.5534	0.4630	0.0522	-0.0288	-0.3793	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3806	-0.1437	-0.2665	0.2884	0.0757	-0.0130	-0.4397	0.9561	28.66	19.65%	145.87	-0.4611	-0.1790	-0.3273	0.3565	0.0964	-0.0175	-0.5320	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3276	-0.4469	-1.0610	1.7290	0.1435	-0.0540	-0.0170	1.5900	98.30	88.99%	110.46	-0.4299	-0.5860	-1.2610	2.0849	0.2175	-0.0625	-0.0370	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.9176	-0.0882	-0.2898	0.8334	0.0676	-0.0100	-0.4046	2.6306	62.45	85.78%	72.80	-1.1108	-0.1108	-0.3562	1.0147	0.1033	-0.0134	-0.4732	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0214	-0.0039	-0.0190	0.0127	0.0088	-0.0015	-0.0243	0.0087	2.07	36.90%	5.61	-0.0261	-0.0048	-0.0229	0.0154	0.0121	-0.0019	-0.0282	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2180	-0.3076	-0.5935	0.9765	0.1118	-0.0071	-0.0379	0.0869	68.02	73.10%	93.05	-0.2771	-0.3912	-0.7172	1.1990	0.1295	-0.0087	-0.0657	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.4953	-0.5638	-1.2328	0.9344	0.1239	-0.0564	-1.2900	3.4123	129.74	90.06%	144.07	-0.6194	-0.7089	-1.5048	1.2910	0.1850	-0.0697	-1.4268	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0642	-0.0284	-0.0941	0.0624	0.0229	-0.0081	-0.1095	8.5600	20.38	72.79%	28.00	-0.0807	-0.0370	-0.1166	0.0794	0.0305	-0.0103	-0.1347	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00%	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2909	-0.5237	-0.8606	0.8492	0.0809	-0.0305	-0.7756	4.8132	95.07	81.46%	116.71	-0.3618	-0.6630	-1.0358	1.0424	0.1244	-0.0365	-0.9303	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0281	-0.0027	-0.0377	0.1451	0.0333	-0.0023	0.1076	0.0320	11.19	62.00%	18.05	-0.0362	-0.0035	-0.0454	0.1755	0.0482	-0.0028	0.1358	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1967	-0.9442	-1.4778	0.8036	0.0722	-0.0375	-1.7804	29.0785	125.11	88.73%	141.00	-0.2531	-1.1846	-1.7870	1.0016	0.0947	-0.0468	-2.1752	0.00	0.00	1.80	5.60	11.10	0.00%	0.00%	1.58%	4.91%	9.74%
-0.3472	-0.2286	-0.6639	2.0000	0.0571	-0.0141	0.8033	13.5142	112.86	77.77%	145.12	-0.4368	-0.2888	-0.8104	2.4502	0.0852	-0.0176	0.9818	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%

Facility	GNA ID	2023											2024											2025										
		Base Demand (MW) [23]	Cumulative Demand (MW) [22]	Facility Loading (%) [21]	Facility Loading Limit (MW) [20]	Residential PV (MW) [25]	Non-Residential PV (MW) [24]	EE (MW) [21]	EV (MW) [19]	BE (MW) [20]	ES (MW) [21]	Total DER Growth (MW) [20]	Base Demand (MW) [23]	Cumulative Demand (MW) [22]	Facility Loading (%) [21]	Facility Loading Limit (MW) [20]	Residential PV (MW) [24]	Non-Residential PV (MW) [23]	EE (MW) [19]	EV (MW) [19]	BE (MW) [20]	ES (MW) [21]	Total DER Growth (MW) [20]	Base Demand (MW) [23]	Cumulative Demand (MW) [22]	Facility Loading (%) [21]	Facility Loading Limit (MW) [20]	Residential PV (MW) [25]	Non-Residential PV (MW) [23]	EE (MW) [19]	EV (MW) [19]	BE (MW) [20]	ES (MW) [21]	Total DER Growth (MW) [20]	Base Demand (MW) [23]	Cumulative Demand (MW) [22]	Facility Loading (%) [21]	Facility Loading Limit (MW) [20]
Valley 115/12 (D)		2.1880	80.23	85.50%	93.84	-0.3970	-0.0788	-0.1337	0.1696	0.0231	-0.0031	-0.4199	4.2243	82.19	87.59%	93.84	-0.6648	-0.1411	-0.2676	0.3697	0.0432	-0.0114	-0.6720	6.4448	82.17	87.56%	93.84	-0.9061	-0.2014	-0.3965	0.5830	0.0667	-0.0200	-0.8743	9.8195	86.49	92.17%	93.84
Vegas 66/16 (D)		0.6489	39.33	60.02%	65.53	-0.0393	-0.0883	-0.1798	0.3529	0.0056	-0.0006	0.0505	1.6368	40.49	61.79%	65.53	-0.0694	-0.1645	-0.3235	0.7326	0.0133	-0.0016	0.1869	1.6396	40.70	62.11%	65.53	-0.0972	-0.2298	-0.4491	1.1480	0.0221	-0.0040	0.3900	1.6436	40.88	62.38%	65.53
Venice Hill 66/12 (D)		4.2555	30.73	56.16%	54.72	-0.0574	-0.0400	-0.0523	0.0437	0.0053	-0.0010	-0.1017	9.6634	36.28	66.30%	54.72	-0.1059	-0.0714	-0.0984	0.0951	0.0136	-0.0062	-0.1732	14.6871	40.36	73.76%	54.72	-0.1671	-0.1123	-0.1476	0.1472	0.0242	-0.0072	-0.2628	17.0489	42.73	78.09%	54.72
Verrida 66/12 (D)		0.0008	46.05	63.64%	72.36	-0.0898	-0.0848	-0.1264	0.0909	0.0057	-0.0094	-0.2138	0.8944	46.75	64.60%	72.36	-0.1732	-0.1610	-0.2529	0.1905	0.0160	-0.0204	-0.4010	2.6543	48.33	66.79%	72.36	-0.2603	-0.2413	-0.3785	0.2887	0.0323	-0.0269	-0.5860	4.5075	50.02	69.12%	72.36
Vera 66/12 (D)		2.6392	63.81	88.09%	72.44	-0.0435	-0.0882	-0.2448	0.2129	0.0094	-0.0076	-0.1618	2.8126	63.92	88.24%	72.44	-0.0843	-0.1645	-0.4301	0.4410	0.0224	-0.0167	-0.2322	2.8836	63.90	88.21%	72.44	-0.1295	-0.2567	-0.6156	0.6629	0.0401	-0.0252	-0.3240	2.9623	63.45	87.59%	72.44
Verdant 33/12 (D)		0.0009	3.27	49.81%	6.57	-0.0010	-0.0006	-0.0016	0.0003	0.0001	-0.0002	-0.0030	0.0009	3.27	49.81%	6.57	-0.0020	-0.0012	-0.0033	0.0007	0.0004	-0.0004	-0.0058	0.0009	3.27	49.81%	6.57	-0.0029	-0.0018	-0.0052	0.0012	0.0008	-0.0006	-0.0085	0.0009	3.26	49.66%	6.57
Vestal 66/12 (D)		0.0005	18.35	57.23%	32.07	-0.0310	-0.0315	-0.0247	0.0074	0.0046	0.0065	-0.0687	0.0083	18.29	57.04%	32.07	-0.0610	-0.0552	-0.0462	0.0153	0.0084	0.0090	-0.1297	0.0118	18.23	56.85%	32.07	-0.0897	-0.0795	-0.0681	0.0241	0.0126	0.0114	-0.1892	0.0162	18.28	57.01%	32.07
Via Huerto P.T. 16/4.16 (A)		0.0000	0.38	46.06%	0.83	0.0000	0.0000	-0.0003	0.0058	0.0017	-0.0001	0.0071	0.0002	0.39	47.27%	0.83	0.0000	0.0000	-0.0006	0.0118	0.0045	-0.0002	0.0155	0.0003	0.40	48.48%	0.83	0.0000	0.0000	-0.0009	0.0176	0.0074	-0.0003	0.0238	0.0003	0.41	49.70%	0.83
Victor 115/12 (D)		1.6493	137.15	94.71%	144.82	-0.5313	-0.0813	-0.2337	0.1881	0.0112	-0.0057	-0.6527	1.7093	136.85	94.50%	144.82	-0.8208	-0.1393	-0.4587	0.4223	0.0338	-0.0179	-0.9806	1.7298	136.51	94.26%	144.82	-1.1239	-0.1966	-0.6809	0.6538	0.0702	-0.0365	-1.3139	1.8350	136.22	94.06%	144.82
Victor 115/33 (D)		18.9312	135.28	65.03%	208.02	-0.1642	-0.1781	-0.2103	0.1961	0.0208	-0.0057	-0.3414	60.5713	180.42	86.73%	208.02	-0.3012	-0.1041	-0.3910	0.4042	0.0489	-0.0200	-0.5632	73.8024	194.60	93.55%	208.02	-0.4393	-0.4421	-0.5686	0.6159	0.0828	-0.0344	-0.7857	77.4135	198.28	95.32%	208.02
Victoria 66/16 (D)		1.0889	70.98	79.94%	88.79	-0.0318	-0.1170	-0.2472	0.8034	0.0410	-0.0127	0.4357	6.3603	76.92	86.63%	88.79	-0.0811	-0.2920	-0.4761	1.5612	0.0725	-0.0157	0.7688	6.4384	77.30	87.06%	88.79	-0.1345	-0.4775	-0.7422	2.3328	0.0938	-0.0197	1.0527	6.4892	77.62	87.42%	88.79
Victorville 33/12 (D)		0.9729	24.69	97.49%	25.33	-0.0488	-0.0524	-0.0839	0.0306	0.0018	-0.0015	-0.1542	1.0044	24.60	97.13%	25.33	-0.0888	-0.0979	-0.1496	0.0658	0.0044	-0.0023	-0.2684	1.0083	24.48	96.66%	25.33	-0.1320	-0.1467	-0.2097	0.1029	0.0081	-0.0033	-0.3807	1.0126	24.36	96.19%	25.33
Victorville 33/33 (D)		0.6032	78.42	79.37%	98.81	-0.0842	-0.0305	-0.1202	0.1486	0.0089	-0.0061	-0.0835	0.7717	78.58	79.53%	98.81	-0.1301	-0.0523	-0.2170	0.2985	0.0232	-0.0169	-0.0946	0.8311	78.62	79.57%	98.81	-0.1776	-0.0778	-0.3108	0.4433	0.0404	-0.0279	-0.1104	0.8889	78.66	79.61%	98.81
Victorville 33/4.16 (D)		0.0452	3.09	61.80%	5.00	-0.0067	-0.0016	-0.0046	0.0072	0.0008	-0.0004	-0.0053	0.0624	3.11	62.20%	5.00	-0.0120	-0.0032	-0.0087	0.0148	0.0019	-0.0007	-0.0079	0.0668	3.11	62.20%	5.00	-0.0180	-0.0049	-0.0126	0.0220	0.0032	-0.0010	-0.0113	0.0668	3.11	62.20%	5.00
Viejo 66/12 (D)		0.5422	61.73	84.79%	72.80	-0.1838	-0.1215	-0.2042	0.3665	0.0073	-0.0014	-0.1371	1.2393	62.49	85.83%	72.80	-0.3336	-0.2198	-0.3849	0.7671	0.0196	-0.0031	-0.1547	1.4408	62.66	86.07%	72.80	-0.5027	-0.3254	-0.5609	1.1604	0.0364	-0.0045	-0.1967	1.6310	62.84	86.31%	72.80
Villa Park 66/12 (D)		0.1832	111.26	83.83%	132.72	-0.1645	-0.2046	-0.2969	0.4812	0.0108	-0.0070	-0.1810	0.2453	111.26	83.83%	132.72	-0.3085	-0.3831	-0.5706	1.0009	0.0281	-0.0135	-0.2467	0.2701	111.20	83.79%	132.72	-0.4615	-0.5742	-0.8396	1.5166	0.0546	-0.0195	-0.3236	0.2964	111.15	83.75%	132.72
Visalia 66/12 (D)		0.0009	58.86	80.85%	72.80	-0.0586	-0.0751	-0.1638	0.0623	0.0052	-0.0097	-0.2397	0.0182	58.69	80.62%	72.80	-0.1014	-0.1384	-0.3020	0.1336	0.0163	-0.0193	-0.4112	0.0255	58.50	80.36%	72.80	-0.1523	-0.2089	-0.4484	0.2038	0.0349	-0.0282	-0.5991	0.0394	58.32	80.11%	72.80
Vogan P.T. 12/4.16 (A)		0.0993	0.90	69.23%	1.30	-0.0037	0.0000	-0.0009	0.0042	0.0007	0.0000	0.0003	0.1264	0.93	71.54%	1.30	-0.0064	0.0000	-0.0018	0.0087	0.0014	0.0000	0.0019	0.1358	0.94	72.31%	1.30	-0.0096	0.0000	-0.0027	0.0132	0.0027	0.0000	0.0036	0.1419	0.95	73.08%	1.30
Wabash 66/16 (D)		0.0004	21.23	29.16%	72.80	-0.0158	-0.0525	-0.0799	0.0420	0.0038	-0.0015	-0.1039	0.0063	27.03	37.13%	72.80	-0.0294	-0.0950	-0.1472	0.0907	0.0090	-0.0031	-0.1750	0.0093	26.96	37.03%	72.80	-0.0448	-0.1408	-0.2137	0.1400	0.0157	-0.0046	-0.2482	0.0154	26.89	36.94%	72.80
Wakefield 66/16 (D)		0.4229	37.24	51.23%	72.69	-0.0537	-0.0568	-0.1303	0.1395	0.0114	-0.0009	-0.0908	1.8085	37.53	51.63%	72.69	-0.1002	-0.1050	-0.2314	0.2933	0.0235	-0.0023	-0.1221	1.8087	37.51	51.60%	72.69	-0.1492	-0.1565	-0.3280	0.4526	0.0380	-0.0028	-0.1459	2.2279	37.49	51.58%	72.69
Walker Basin 66/12 (D)		0.0000				0.0000	0.0000	-0.0002	0.0002	0.0013	-0.0008	0.0005	0.0002				0.0000	0.0000	-0.0004	0.0005	0.0028	-0.0010	0.0019	0.0003				0.0000	0.0000	-0.0006	0.0007	0.0040	-0.0012	0.0029	0.0005				
Walnut 66/12 (D)		4.7401	101.23	92.21%	109.78	-0.1718	-0.1543	-0.2786	0.4107	0.0088	-0.0040	-0.1892	5.4855	101.99	92.90%	109.78	-0.3007	-0.2843	-0.5401	0.8698	0.0228	-0.0079	-0.2404	5.4996	101.92	92.84%	109.78	-0.4405	-0.4153	-0.8008	1.3114	0.0442	-0.0119	-0.3129	5.5885	101.98	92.89%	109.78
Walteria 66/16 (D)		0.5103	64.68	88.85%	72.79	-0.0626	-0.1033	-0.2140	0.4192	0.0068	-0.0070	0.0391	1.9995	66.36	91.16%	72.79	-0.1222	-0.2105	-0.4018	0.8372	0.0184	-0.0104	0.1107	2.0287	66.47	91.31%	72.79	-0.1881	-0.3253	-0.5864	1.2650	0.0320	-0.0137	0.1835	2.0497	66.71	91.64%	72.79
Walteria 66/4.16 (D)		0.0001	10.34	33.94%	30.47	-0.0136	-0.0021	-0.0128	0.0916	0.0070	-0.0014	0.0687	0.0010	10.41	34.17%	30.47	-0.0275	-0.0057	-0.0283	0.1841	0.0133	-0.0024	0.1335	0.0014	10.48	34.40%	30.47	-0.0431	-0.0095	-0.0437	0.2735	0.0218	-0.0034	0.1956	0.0024	10.58	34.73%	30.47
Washington 66/12 (D)	GNA_2023	1.8774	48.66	88.96%	54.70	-0.0471	-0.1051	-0.1781	0.1579	0.0042	-0.0041	-0.1723	2.3180	49.02	89.62%	54.70	-0.0920	-0.1966	-0.3154	0.3273	0.0131	-0.0077	-0.2713	9.2693	56.28	102.90%	54.70	-0.1392	-0.2946	-0.4511	0.4946	0.0254	-0.0112	-0.3761	12.9431	60.12	82.58%	72.80
Watson 66/12 (D)		0.0003	28.40	39.13%	72.59	-0.0140	-0.0845	-0.1416	0.1908	0.0141	-0.0010	-0.0362	0.0053	28.46	39.21%	72.59	-0.0261	-0.1516	-0.2538	0.4163	0.0314	-0.0018	0.0144	0.0067	28.48	39.24%	72.59	-0.0388	-0.2201	-0.3633	0.5964	0.0608	-0.0026	0.0324	0.0450	28.50	39.26%	72.59
Wave 66/12 (D)		0.0006	40.27	62.21%	64.74	-0.1193	-0.0835	-0.1061	0.3705	0.0320	0.0069	0.1005	0.0100	40.24	62.16%	64.74	-0.2599	-0.1855	-0.2472	0.6929	0.0511	0.0080	0.0594	0.0182	40.18	62.07%	64.74	-0.4198	-0.2944	-0.3944	1.0175	0.0708	0.0092	-0.0111	0.1394	40.23	62.14%	64.74
Weldon 66/12 (D)	GNA_2023	0.0000	4.44	12.20%	36.40	-0.0151	-0.0052	-0.0089	0.0050	0.0011	-0.0014	-0.0245	0.0000	4.41	12.12%	36.40	-0.0286	-0.0096	-0.0187	0.0113	0.0022	-0.0028	-0.0462	0.0000	4.39	12.06%	36.40	-0.0427	-0.0143	-0.0287	0.0184	0.0039	-0.0042	-0.0676	0.0000	4.39	12.06%	36.40
West Barstow 33/4.16 (D)		0.0246	2.30	91.97%	2.50	-0.0048	-0.0019	-0.0048	0.0043	0.0006	-0.0003	-0.0069	0.0335	2.30	91.97%	2.50	-0.0087	-0.0036	-0.0093	0.0088	0.0018	-0.0006	-0.0116	0.0360	2.30	91.97%	2.50	-0.0128	-0.0054	-0.0138	0.0131	0.0037	-0.0009	-0.0161	0.0421	2.30	91.97%	2.50
West Riverside 33/12 (D)	GNA_2023	1.0442	17.62	96.81%	18.20	-0.0314	-0.0593	-0.0757	0.0390	0.0030	-0.0002	-0.1246	2.7917	17.79	97.75%	18.20	-0.0582	-0.1079	-0.1323	0.0908	0.0063	-0.0005	-0.2018	4.1731	18.48	101.54%	18.20	-0.0858	-0.1603	-0.1894	0.1362	0.0114	-0.0007	-0.2886	7.8571	15.74	86.48%	18.20
Westend P.T. 33/12 (A)		0.0000	0.07	7.00%	1.00	0.0000	0.0000	-0.0001	0.0001	0.0007	0.0000	0.0007	0.0000	0.07	7.00%	1.00	0.0000	0.0000	-0.0002	0.0002	0.0015	0.0000	0.0015	0.0000	0.07	7.00%	1.00	0.0000	0.0000	-0.0003	0.0003	0.0024	0.0000	0.0024	0.0001	0.08	8.00%	1.00
Westfall P.M. 16/4.16 (A)		0.0001	1.73	90.72%	1.91	-0.0032	-0.0002	-0.0023	0.0125	0.0005	0.0000	0.0073	0.0007	1.74	91.25%	1.91	-0.0055	-0.0004	-0.0043	0.0257	0.0009	0.0000	0.0164	0.0008	1.75	91.77%	1.91	-0.0079	-0.0006	-0.0064	0.0386	0.0016	0.0000	0.0253	0.0008	1.76	92.30%	1.91
Wheatland 66/12 (D)		0.0002	16.96	46.59%	36.40	-0.0159	-0.0240	-0.0184	0.0029	0.0046	0.0008	-0.0500	0.0039	16.92	46.48%	36.40	-0.0317	-0.0436	-0.0368	0.0061	0.0090	0.0026	-0.0944	0.0057	17.32	47.58%	36.40	-0.0471	-0.0647	-0.0549	0.0095	0.0140	0.0042	-0.1390	0.0074	17.28	47.47%	36.40
Whipple 66/33 (D)		0.0000	7.00	58.45%	11.98	-0.0012	0.0000	0.0021	0.0000	0.0001	-0.0001	0.0008	0.0000	7.00	58.45%	11.98	-0.0024	0.0000	0.0000	0.0043	0.0000	-0.0003	0.0016	0.0000	7.00	58.45%	11.98	-0.0035	0.0000	0.0000	0.0064	0.0000	-0.0005	0.0024	0.0000	7.00	58.45%	11.98
Whitewater 33/4.16 (D)		0.0070				-0.0118	-0.0012	-0.0012	0.0012	0.0001	0.0000	-0.0129	0.0090				-0.0217	-0.0021	-0.0022	0.0028	0.0004	-0.0001	-0.0229	0.0096				-0.0226	-0.0022	-0.0030	0.0046	0.0010	-0.0002	-0.0024	0.0104				
Wilsona 66/12 (D)		0.0002	7.13	39.19%	18.20	-0.0139	-0.0015	-0.0042	0.0046	0.0005	0.0000	-0.0145	0.0039	8.27	45.45%	18.20	-0.0263	-0.0027	-0.0087	0.0096	0.0014	0.0002	-0.0265	0.0056	8.26	45.40%	18.20	-0.0399	-0.0041	-0.0131	0.0145	0.0025	0.0005	-0.0396	0.0097	8.25	45.34%	18.20
Wimbledon 66/12 (D)		0.0058	91.99	75.07%	122.54	-0.0391	-0.2335	-0.3243	0.0807	0.1554	0.0001	-0.3607	0.0245	94.92	77.46%	122.54	-0.0741	-0.4250	-0.5877	0.1690	0.2999	0.0010	-0.6169	0.0317	94.66	77.25%	122.54	-0.1079	-0.6308	-0.8478	0.2581	0.4463	0.0017	-0.8804	0.0437	94.26	76.92%	122.54
Windsor Hills 16/4.16 (D)		0.0000	9.62	68.17%	14.11	-0.0057	-0.0025	-0.0119	0.0936	0.0075	-0.0022	0.0788	0.0007	9.72	68.88%	14.11	-0.0113	-0.0048	-0.0233	0.1936	0.0181	-0.0036	0.1687	0.0010	9.81	69.52%	14.11	-0.0177	-0.0072	-0.0347	0.2910	0.0309	-0.0051	0.2572	0.0017	9.89	70.09%	14.11
Windsor Hills 66/16 (D)		0.7049	30.46	84.34%	36.12	-0.0190	-0.0484	-0.1081	0.2776	0.0031	-0.0061	0.0991	1.8995	31.85	88.18%	36.12	-0.0366	-0.0927	-0.1961	0.5475	0.0094	-0.0099	0.2216	1.9679	32.04	88.71%	36.12	-0.0557	-0.1400	-0.2823	0.8063	0.0172	-0.0137	0.3318	2.0157	32.23	89.24%	36.12
Woodruff 12/4.16 (D)		0.0000	13.92	76.04%	18.31	-0.0234	-0.0008	-0.0148	0.0717	0.0043	-0.0005	0.0365	0.0004	12.88	70.36%	18.31	-0.0418	-0.0016	-0.0306	0.1471	0.0125	-0.0021	0.0835	0.0005	12.93	70.63%	18.31	-0.0636	-0.0024	-0.0462	0.2191	0.0247	-0.0039	0.1277	0.0007	12.98	70.90%	18.31
Woodville 66/12 (D)		0.0003	15.54	21.36%	72.74	-0.0300	-0.0343	-0.0386	0.0251	0.0041	-0.0007	-0.0744	0.0075	15.49	21.30%	72.74	-0.0584	-0.0627	-0.0745	0.0528	0.0099	-0.0012	-0.1341	0.0111	15.41	21.19%	72.74	-0.0924	-0.1008	-0.1149	0.0823	0.0151	-0.0017	-0.2124	0.0169	15.34	21.09%	72.74
Wrightwood 33/12 (D)		0.0023				0.0000	0.0000	-0.0049	0.0041	0.0071	-0.0006	0.0057	0.0043				0.0000	0.0000	-0.0094	0.0089	0.0162	-0.0010	0.0147	0.0051				0.0000	0.0000	-0.0137	0.0137	0.0254	-0.0014	0.0240	0.0028				
Yacht P.T. 12/4.16 (A)		0.0000	1.03	22.51%	4.58	-0.0051	-0.0032	-0.0059	0.0317	0.0008	-0.0001	0.0182	0.0000	1.05	22.94%	4.58	-0.0102	-0.0062	-0.0116	0.0660	0.0020	-0.0001	0.0399	0.0000	1.10	24.04%	4.58	-0.0113	-0.0068	-0.0171	0.1212	0.0042	-0.0011	0.0891	0.0000	1.14	24.91%	4.58
Yermo 33/12 (D)		2.6338	5.78	84.67%	6.83	-0.0119	-0.0120	-0.0160	0.0005	0.0006	-0.0008	-0.0396	2.6340	5.74	84.09%	6.83	-0.0235	-0.0222	-0.0301	0.0012	0.0021	-0.0016	-0.0741	2.6341	5.71	83.65%	6.83	-0.0346	-0.0332	-0.0422	0.0020	0.0036	-0.0025	-0.1069	2.6342	5.68	83.21%	6.83
Yorba Linda 66/12 (D)		1.6402	87.56	81.25%	107.76	-0.2367	-0.0667	-0.1495	0.5963	0.0111	-0.0037	0.1508	1.6548	87.88	81.55%	107.76	-0.4224	-0.1241	-0.2978	1.2487	0.0285	-0.0071	0.4258	1.6612	88.19	81.84%	107.76	-0.6181	-0.1843	-0.4454	1.9065	0.0530	-0.0104	0.7013	1.7190	88.56	82.18%	107.76
Yucaipa 66/12 (D)		1.0081	80.99	64.66%	125.26	-0.2056	-0.0736	-0.1888	0.2732	0.0126	-0.0066	-0.1888	4.2692	82.19	65.62%	125.26	-0.3422	-0.1275	-0.3433	0.5949	0.0288	-0.0140	-0.2033	9.2811	82.74	66.05%	125.26	-0.4817	-0.1852	-0.5025	0.9217	0.0546	-0.0213	-0.2144	17.2556	80.89	64.58%	125.26
Yucca 115/12 (D)		0.0010	39.36	67.31%	58.48	-0.1563	-0.0556	-0.1056	0.0549	0.0030	-0.0066	-0.2662	0.4898	39.63	67.77%	58.48	-0.3046	-0.1058	-0.2020	0.1164	0.0101	-0.0126	-0.4985	0.4953	39.42	67.41%	58.48	-0.4396	-0.1588	-0.2985	0.1850	0.0223	-0.0187	-0.7083	0.5172	39.23	67.08%	58.48
Yukon 66/16 (D)		2.2131	57.31	61.66%	92.94	-0.0203	-0.1435	-0.2224	0.1556	0.0084	-0.0028	-0.2250	4.6099	59.53	64.05%	92.94	-0.0398	-0.2694	-0.4098	0.3176	0.0190	-0.0051	-0.3875	13.0772	68.16	73.34%	92.94	-0.0595	-0.4021	-0.5946	0.4843	0.0321	-0.0080	-0.5458	17.8739	73.37	78.94%	92.94
Yukon 66/4.16 (D)		0.0001	12.41	55.15%	22.50	-0.0050	-0.0016	-0.0166	0.1140	0.0118	-0.0015	0.1011	0.0023	12.53	55.68%	22.50	-0.0117	-0.0046	-0.0344	0.2363	0.0245	-0.0027	0.2074	0.0032	12.66	56.26%	22.50	-0.0141	-0.0048	-0.0465	0.3563	0.0433	-0.0016	0.3326	0.0048	12.80	56.88%	22.50
Zack 55/12 (D)		0.0858	4.11	22.58%	18.20	-0.0002	-0.0002	-0.0075	0.0131	0.0012	-0.0037	0.0027	0.1094	4.14	22.75%	18.20	-0.0004	-0.0004	-0.0154	0.0271	0.0029	-0.0044	0.0094	0.1228	4.16	22.86%	18.20	-0.0006	-0.0006	-0.0234	0.0412	0.0049	-0.0050	0.0165	0.1228	4.17	22.91%	18.20
Zenja 115/33 (D)		0.0002				0.0000	0.0000	-0.0037	0.0110	0.0176	-0.0030	0.0219	0.0035				0.0000	0.0000	-0.0072	0.0225	0.0406	-0.0042	0.0517	0.0040				0.0000	0.0000	-0.0107	0.0337	0.0641	-0.0054	0.0817	0.0031				

2026											2027							Deficiency (MW)					Deficiency (%)				
Residential PV (MW) [24]	Non-Residential PV (MW) [26]	EE (MW) [25]	EV (MW) [24]	BE (MW) [24]	ES (MW) [24]	Total DER Growth (MW) [26]	Base Demand (MW) [27]	Cumulative Demand (MW) [27]	Facility Loading (%) [27]	Facility Loading Limit (MW) [27]	Residential PV (MW) [27]	Non-Residential PV (MW) [27]	EE (MW) [27]	EV (MW) [27]	BE (MW) [27]	ES (MW) [27]	Total DER Growth (MW) [27]	2023[5]	2024[5]	2025[5]	2026[5]	2027[5]	2023[5]	2024[5]	2025[5]	2026[5]	2027[5]
-1.1443	-0.2651	-0.5167	0.7877	0.1025	-0.0286	-1.0645	14.2860	91.18	97.17%	93.84	-1.3711	-0.3322	-0.6359	0.9843	0.1463	-0.0394	-1.2480	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1260	-0.2985	-0.5729	1.5274	0.0364	-0.0063	0.5601	1.6535	44.01	67.16%	65.53	-0.1596	-0.3884	-0.6852	1.8566	0.0610	-0.0073	0.6771	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2298	-0.1565	-0.1892	0.2020	0.0355	-0.0073	-0.3453	18.4688	44.13	80.65%	54.72	-0.2822	-0.1946	-0.2275	0.2475	0.0492	-0.0098	-0.4174	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.3420	-0.3220	-0.4808	0.3808	0.0512	-0.0323	-0.7451	4.5312	49.89	68.94%	72.36	-0.4269	-0.4075	-0.5748	0.4713	0.0724	-0.0381	-0.9036	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1711	-0.3422	-0.7922	0.8721	0.0669	-0.0338	-0.4003	3.0375	63.36	87.47%	72.44	-0.2287	-0.4716	-0.9752	1.0629	0.1004	-0.0402	-0.5524	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0038	-0.0024	-0.0068	0.0017	0.0014	-0.0008	-0.0107	0.0009	3.26	49.66%	6.57	-0.0046	-0.0030	-0.0083	0.0022	0.0021	-0.0010	-0.0126	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1165	-0.1050	-0.0874	0.0337	0.0171	0.0135	-0.2446	0.5011	18.63	58.10%	32.07	-0.1426	-0.1341	-0.1048	0.0427	0.0210	0.0159	-0.3019	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0012	0.0230	0.0101	-0.0004	0.0315	0.0004	0.41	49.70%	0.83	0.0000	0.0000	-0.0015	0.0279	0.0132	-0.0005	0.0391	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-1.4777	-0.2588	-0.8906	0.8754	0.1181	-0.0520	-1.6856	2.2150	136.17	94.03%	144.82	-1.8867	-0.3239	-1.0929	1.0841	0.1776	-0.0707	-2.1125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5774	-0.5942	-0.7359	0.8199	0.1156	-0.0500	-1.0220	86.2025	207.70	99.84%	208.02	-0.7112	-0.7774	-0.9093	1.0172	0.1530	-0.0676	-1.2953	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1907	-0.6716	-0.9935	3.0553	0.1262	-0.0232	1.3025	7.8178	79.26	89.26%	88.79	-0.2507	-0.8746	-1.2391	3.7480	0.1619	-0.0272	1.5183	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1776	-0.1979	-0.2705	0.1399	0.0135	-0.0042	-0.4968	1.0173	27.53	98.32%	28.00	-0.2338	-0.2597	-0.3311	0.1760	0.0197	-0.0052	-0.6341	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2252	-0.1075	-0.3980	0.5751	0.0600	-0.0393	-0.1349	0.9759	78.70	79.65%	98.81	-0.2736	-0.1426	-0.4844	0.6945	0.0821	-0.0535	-0.1775	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0247	-0.0066	-0.0162	0.0285	0.0051	-0.0013	-0.0152	0.0668	0.00	0.00%	5.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6658	-0.4342	-0.7167	1.5373	0.0552	-0.0056	-0.2298	1.6913	61.61	84.62%	72.80	-0.8721	-0.5552	-0.8541	1.8771	0.0811	-0.0062	-0.3294	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6146	-0.7749	-1.0769	1.9983	0.0930	-0.0259	-0.4010	0.3537	111.11	83.72%	132.72	-0.7664	-0.9850	-1.3063	2.4550	0.1416	-0.0324	-0.4935	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2066	-0.2828	-0.5854	0.2710	0.0592	-0.0369	-0.7815	0.0737	58.16	79.89%	72.80	-0.2677	-0.3643	-0.7150	0.3400	0.0868	-0.0445	-0.9647	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0133	0.0000	-0.0035	0.0175	0.0043	0.0000	0.0050	0.1421	0.95	73.08%	1.30	-0.0176	0.0000	-0.0043	0.0217	0.0061	0.0000	0.0059	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0608	-0.1918	-0.2792	0.1847	0.0272	-0.0059	-0.3258	0.0306	26.84	36.87%	72.80	-0.0758	-0.2325	-0.3415	0.2317	0.0391	-0.0075	-0.3865	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2087	-0.2186	-0.4245	0.5990	0.0544	-0.0055	-0.2039	4.2380	37.60	51.73%	72.69	-0.2564	-0.2817	-0.5109	0.7386	0.0792	-0.0099	-0.2411	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0004	0.0000	-0.0008	0.0009	0.0059	-0.0010	0.0046	0.0010				-0.0008	0.0000	-0.0010	0.0011	0.0078	-0.0008	0.0063	0.00	0.00	0.00	0.00	0.00					
-0.5668	-0.5351	-1.0193	1.7197	0.0723	-0.0185	-0.3477	6.5397	102.92	93.75%	109.78	-0.7338	-0.6800	-1.2312	2.1125	0.1097	-0.0220	-0.4448	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.2207	-0.3965	-0.7624	1.7348	0.0565	-0.0229	0.3888	2.0596	66.91	91.92%	72.79	-0.2547	-0.4713	-0.9247	2.1683	0.0802	-0.0333	0.5645	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0492	-0.0108	-0.0547	0.3695	0.0402	-0.0050	0.2900	0.0049	10.68	35.06%	30.47	-0.0555	-0.0122	-0.0650	0.4581	0.0596	-0.0068	0.3782	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1752	-0.3671	-0.5824	0.6662	0.0451	-0.0160	-0.4294	17.3477	66.00	90.66%	72.80	-0.2104	-0.4552	-0.7162	0.8237	0.0696	-0.0201	-0.5086	0.00	0.00	1.59	5.41	11.30	0.00%	0.00%	2.91%	9.89%	20.66%
-0.0514	-0.2925	-0.4594	0.7463	0.0702	-0.0035	0.0997	0.1868	28.71	39.55%	72.59	-0.0638	-0.3597	-0.5563	0.9795	0.0782	-0.0045	0.0734	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5847	-0.4072	-0.5246	1.3334	0.0952	0.0104	-0.0775	0.3102	40.34	62.31%	64.74	-0.7621	-0.5191	-0.6420	1.6461	0.1205	0.0117	-0.1449	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0521	-0.0168	-0.0356	0.0250	0.0096	-0.0043	-0.0742	0.0000	4.38	12.03%	36.40	-0.0617	-0.0194	-0.0422	0.0313	0.0156	-0.0043	-0.0807	4.50	4.50	4.40	4.40	4.40	11.08%	11.08%	10.84%	10.84%	10.84%
-0.0170	-0.0073	-0.0180	0.0170	0.0063	-0.0011	-0.0201	0.0436	2.30	91.97%	2.50	-0.0214	-0.0093	-0.0221	0.0206	0.0095	-0.0014	-0.0241	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1236	-0.2189	-0.2415	0.1819	0.0175	-0.0008	-0.3854	11.8543	15.90	87.36%	18.20	-0.1610	-0.2810	-0.2911	0.2328	0.0255	-0.0009	-0.4757	1.89	2.07	3.04	6.89	11.06	10.38%	11.37%	16.70%	37.86%	60.77%
0.0000	0.0000	-0.0004	0.0004	0.0036	0.0000	0.0036	0.0005	0.08	8.00%	1.00	0.0000	0.0000	-0.0004	0.0005	0.0080	0.0000	0.0081	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0104	-0.0008	-0.0081	0.0504	0.0029	0.0000	0.0340	0.0008	1.77	92.82%	1.91	-0.0129	-0.0010	-0.0097	0.0615	0.0047	0.0000	0.0426	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0593	-0.0840	-0.0690	0.0126	0.0180	0.0054	-0.1763	0.0105	17.24	47.36%	36.40	-0.0706	-0.1042	-0.0823	0.0157	0.0223	0.0066	-0.2125	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0045	0.0000	0.0000	0.0082	0.0000	-0.0007	0.0030	0.0000	7.01	58.53%	11.98	-0.0054	0.0000	0.0000	0.0098	0.0000	-0.0009	0.0035	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0234	-0.0023	-0.0038	0.0063	0.0016	-0.0003	-0.0219	0.0120				-0.0234	-0.0023	-0.0045	0.0079	0.0025	-0.0005	-0.0203	0.00	0.00	0.00	0.00	0.00					
-0.0534	-0.0056	-0.0171	0.0192	0.0042	0.0008	-0.0519	0.0201	8.25	45.34%	18.20	-0.0660	-0.0071	-0.0214	0.0238	0.0064	0.0008	-0.0635	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1434	-0.8511	-1.0811	0.3385	0.4627	0.0027	-1.2717	0.0740	93.38	76.20%	122.54	-0.1691	-1.0152	-1.2827	0.4181	0.4757	0.0041	-1.5691	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0235	-0.0098	-0.0467	0.3756	0.0478	-0.0071	0.3363	0.0034	9.97	70.65%	14.11	-0.0298	-0.0124	-0.0574	0.4516	0.0660	-0.0094	0.4086	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0735	-0.1666	-0.3683	1.0697	0.0291	-0.0211	0.4693	2.0238	32.36	89.60%	36.12	-0.0926	-0.1944	-0.4496	1.3068	0.0419	-0.0288	0.5833	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0837	-0.0031	-0.0600	0.2856	0.0409	-0.0047	0.1750	0.0010	13.03	71.18%	18.31	-0.1074	-0.0038	-0.0727	0.3459	0.0605	-0.0057	0.2168	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.1256	-0.1413	-0.1504	0.1108	0.0220	-0.0023	-0.2868	0.0304	15.30	21.03%	72.74	-0.1523	-0.1755	-0.1807	0.1377	0.0300	-0.0028	-0.3436	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0173	0.0182	0.0315	-0.0015	0.0309	0.0072				0.0000	0.0000	-0.0208	0.0225	0.0380	-0.0017	0.0380	0.00	0.00	0.00	0.00	0.00					
-0.0123	-0.0075	-0.0223	0.1700	0.0080	-0.0021	0.1338	0.0000	1.16	25.35%	4.58	-0.0172	-0.0109	-0.0267	0.2015	0.0129	-0.0022	0.1574	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0448	-0.0448	-0.0538	0.0029	0.0059	-0.0033	-0.1379	2.6344	5.65	82.77%	6.83	-0.0541	-0.0570	-0.0666	0.0038	0.0090	-0.0041	-0.1690	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.8135	-0.2466	-0.5558	2.5190	0.0903	-0.0130	0.9804	1.9442	89.07	82.65%	107.76	-1.0212	-0.3118	-0.6569	3.0886	0.1401	-0.0150	1.2238	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.6048	-0.2441	-0.6500	1.2371	0.0929	-0.0295	-0.1984	21.2801	85.22	68.03%	125.26	-0.7808	-0.3180	-0.7893	1.5078	0.1379	-0.0355	-0.2779	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.5744	-0.2140	-0.3876	0.2536	0.0386	-0.0244	-0.9082	0.5910	39.09	66.85%	58.48	-0.7117	-0.2715	-0.4755	0.3189	0.0591	-0.0303	-1.1110	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0774	-0.5335	-0.7671	0.6423	0.0457	-0.0112	-0.7012	23.0082	79.93	86.00%	92.94	-0.0965	-0.6747	-0.9264	0.7967	0.0586	-0.0146	-0.8569	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0156	-0.0049	-0.0578	0.4773	0.0678	-0.0024	0.4644	0.0085	12.94	57.51%	22.50	-0.0172	-0.0050	-0.0685	0.5921	0.0928	-0.0033	0.5909	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
-0.0008	-0.0008	-0.0303	0.0546	0.0074	-0.0056	0.0245	0.1228	4.18	22.97%	18.20	-0.0010	-0.0010	-0.0369	0.0675	0.0102	-0.0063	0.0325	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%	0.00%	0.00%
0.0000	0.0000	-0.0140	0.0441	0.0878	-0.0065	0.1114	0.0105				0.0000	0.0000	-0.0171	0.0542	0.1122	-0.0076	0.1417	0.00	0.00	0.00	0.00	0.00					

Attachment D

2023 Distribution Deferral Opportunities Report Redacted Dataset

(PUBLIC VERSION)

										Deficiency (MW, MVAR or VPU)							
GNA ID	DDOR ID	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	Units	2023[B]	2024[B]
	DDOR_2023_D1	DDOR_2023_026575	Citrus 66/12 (D)	Banana	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install New Cable, Install (3) New Switch,	Primary Feeder - Cable, Switch	12/31/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
	DDOR_2023_D2	DDOR_2023_026575	Citrus 66/12 (D)	Blueberry	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install New Cable, Install (3) New Switch,	Primary Feeder - Cable, Switch	12/31/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_61	DDOR_2023_D3	DDOR_2023_049557	Carpinteria 66/16 (D)	Sheffield	Capacity	Increase Circuit Capacity	Install New Conductor, Install (1) New Sw	Primary Feeder - Overhead Conductor, Switch	12/31/2023	0.30	1.20	1.30	1.30	1.30	MW	2.52%	10.08%
GNA_2023_298	DDOR_2023_D4	DDOR_2023_06328_459030	Saugus 66/16 (D)	Crabtree	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Construct Civil Projects, Install (1) New 12	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	2.80	5.70	MW	0.00%	0.00%
GNA_2023_300	DDOR_2023_D5	DDOR_2023_06328_459030	Saugus 66/16 (D)	Tips	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Construct Civil Projects, Install (1) New 12	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	2.60	5.10	MW	0.00%	0.00%
GNA_2023_82	DDOR_2023_D6	DDOR_2023_131048	Colton 66/12 (D)	Preston	Voltage	Project To Address Voltage Concern	Install (1) 833 kVA Voltage Regulator	Primary Feeder - Voltage Regulator	6/1/2023	0.89	0.88	0.94	0.93	0.93	Vpu	89.08%	87.58%
GNA_2023_215	DDOR_2023_D7	DDOR_2023_151044	Oak Grove 66/12 (D)	Clancy	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable, Construct Civil Projects	Primary Feeder - Cable	6/1/2023	1.41	1.52	1.41	1.41	1.41	MW	14.69%	15.83%
GNA_2023_217	DDOR_2023_D8	DDOR_2023_151044	Oak Grove 66/12 (D)	Webb	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable, Construct Civil Projects	Primary Feeder - Cable	6/1/2023	0.32	0.32	0.00	0.00	0.00	MW	[redacted]	
GNA_2023_316	DDOR_2023_D9	DDOR_2023_229028	Talbert 66/12 (D)	Raven	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Conductor, Install (1) New Sw	Primary Feeder - Overhead Conductor, Switch	6/1/2024	2.70	2.70	2.70	2.60	2.50	MW	25.00%	25.00%
	DDOR_2023_D10	DDOR_2023_232964	Bullis 66/4.16 (D)	Tucker	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	12/31/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_86	DDOR_2023_D11	DDOR_2023_234816	Corona 66/12 (D)	Bollero	Capacity (UCT)	Underground Cable Temperature Mitigation	Replace Cable, Construct Civil Projects	Primary Feeder - Cable	12/31/2023	1.07	1.04	1.02	1.83	1.83	MW	11.35%	11.03%
GNA_2023_87	DDOR_2023_D12	DDOR_2023_234816	Corona 66/12 (D)	Glacier	Capacity (UCT)	Underground Cable Temperature Mitigation	Replace Cable, Construct Civil Projects	Primary Feeder - Cable	12/31/2023	1.57	1.52	1.48	1.43	1.41	MW	[redacted]	
GNA_2023_88	DDOR_2023_D13	DDOR_2023_234816	Corona 66/12 (D)	Kingsford	Capacity (UCT)	Underground Cable Temperature Mitigation	Replace Cable, Construct Civil Projects	Primary Feeder - Cable	12/31/2023	0.20	0.17	0.13	1.72	1.70	MW	[redacted]	
GNA_2023_89	DDOR_2023_D14	DDOR_2023_234816	Corona 66/12 (D)	Serfas	Capacity (UCT)	Underground Cable Temperature Mitigation	Replace Cable, Construct Civil Projects	Primary Feeder - Cable	12/31/2023	1.17	1.15	1.11	1.04	1.02	MW	[redacted]	
GNA_2023_90	DDOR_2023_D15	DDOR_2023_234816	Corona 66/12 (D)	Vicentia	Capacity (UCT)	Underground Cable Temperature Mitigation	Replace Cable, Construct Civil Projects	Primary Feeder - Cable	12/31/2023	2.17	2.11	2.07	2.04	2.00	MW	[redacted]	
GNA_2023_315	DDOR_2023_D16	DDOR_2023_246887	Sunnyside 66/4.16 (D)	Raton	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12 kV Conversion, Remove (17) 4	Primary Feeder - Overhead Conductor, Transformer	12/31/2023	0.30	0.30	0.30	0.30	0.30	MW	10.24%	10.24%
GNA_2023_176	DDOR_2023_D17	DDOR_2023_259628	Lockheed 66/16 (D)	Electra	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable, Install (6) New Switch,	Primary Feeder - Transformer, Cable, Overhead Condu	6/1/2024	3.10	0.40	0.00	0.00	0.00	MW	19.75%	2.55%
GNA_2023_178	DDOR_2023_D18	DDOR_2023_259628	Lockheed 66/16 (D)	Orion	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable, Install (6) New Switch,	Primary Feeder - Transformer, Cable, Overhead Condu	6/1/2024	1.50	1.50	0.00	0.00	0.00	MW	10.50%	10.50%
GNA_2023_284	DDOR_2023_D19	DDOR_2023_322586	Rush 66/16 (D)	Brookline	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable	Primary Feeder - Cable	12/1/2023	2.06	4.00	3.88	3.79	3.68	MW	17.12%	32.68%
GNA_2023_285	DDOR_2023_D20	DDOR_2023_322586	Rush 66/16 (D)	Change	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable	Primary Feeder - Cable	12/1/2023	2.35	2.94	2.85	2.35	2.35	MW	[redacted]	
GNA_2023_286	DDOR_2023_D21	DDOR_2023_322586	Rush 66/16 (D)	Tamora	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable	Primary Feeder - Cable	12/1/2023	0.41	0.59	0.59	1.18	1.18	MW	3.33%	4.87%
GNA_2023_3	DDOR_2023_D22	DDOR_2023_322590	Alhambra 66/4.16 (D)	Commonwealth	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16 kV Conversion, Remove (9) 4 k	Primary Feeder - Overhead Conductor, Transformer	10/1/2023	0.07	0.08	0.08	0.08	0.08	MW	2.41%	2.76%
GNA_2023_204	DDOR_2023_D23	DDOR_2023_322595	Narrows 66/12 (D)	Ballard	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	6/1/2025	1.83	7.80	1.73	1.74	1.70	MW	19.57%	83.42%
	DDOR_2023_D24	DDOR_2023_327851	Duarte 16/4.16 (D)	Bonnie	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16 kV Conversion, Remove (5) 4 k	Primary Feeder - Overhead Conductor, Transformer	6/1/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_40	DDOR_2023_D25	DDOR_2023_327859	Bradbury 66/16 (D)	Hurstview	Capacity	Increase Circuit Capacity	Install New Conductor, Install (1) New Sw	Primary Feeder - Overhead Conductor, Switch, Protecti	10/1/2023	1.41	1.41	1.41	1.38	1.38	MW	11.85%	11.85%
GNA_2023_238	DDOR_2023_D26	DDOR_2023_330516	Pepper 115/12 (D)	Lancers	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install New Cable	Primary Feeder - Cable	6/1/2025	0.11	0.17	0.17	0.17	0.17	MW	1.11%	1.72%
GNA_2023_239	DDOR_2023_D27	DDOR_2023_330516	Pepper 115/12 (D)	Mateus	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install New Cable	Primary Feeder - Cable	6/1/2025	0.00	0.57	0.52	0.50	0.48	MW	0.00%	5.85%
GNA_2023_240	DDOR_2023_D28	DDOR_2023_330516	Pepper 115/12 (D)	Zinfandel	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install New Cable	Primary Feeder - Cable	6/1/2025	0.76	0.89	0.91	0.87	0.85	MW	7.60%	8.94%
GNA_2023_343	DDOR_2023_D29	DDOR_2023_330817	West Riverside 33/12 (D)	Fleetwood	Capacity	Project To Facilitate Load Transfer	Install (1) 300 Amp Voltage Regulator, Ins	Primary Feeder - Overhead Conductor, Voltage Regulat	6/1/2023	1.37	1.46	2.20	2.20	2.28	MW	11.45%	12.21%
GNA_2023_344	DDOR_2023_D30	DDOR_2023_330817	West Riverside 33/12 (D)	null	Capacity	Project To Facilitate Load Transfer	Install (1) 300 Amp Voltage Regulator, Ins	Primary Feeder - Overhead Conductor, Voltage Regulat	6/1/2023	1.89	2.07	2.76	0.02	0.17	MW	10.38%	11.37%
GNA_2023_131	DDOR_2023_D31	DDOR_2023_332985	Fremont 16/4.16 (D)	Nestor	Capacity	Increase Circuit Capacity	Install New Cable	Primary Feeder - Cable	8/1/2023	0.20	0.20	0.20	0.30	0.30	MW	8.33%	8.33%
GNA_2023_187	DDOR_2023_D32	DDOR_2023_334557	Milliken 66/12 (D)	Bacardi	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable	11/30/2023	1.43	1.39	1.33	1.28	1.43	MW	14.62%	14.21%
GNA_2023_188	DDOR_2023_D33	DDOR_2023_334557	Milliken 66/12 (D)	Redlabel	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable	11/30/2023	2.37	2.30	2.20	2.11	2.20	MW	[redacted]	
GNA_2023_10	DDOR_2023_D34	DDOR_2023_334575	Archibald 66/12 (D)	Borba	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	6/1/2026	0.00	0.00	0.00	0.62	0.67	MW	[redacted]	
GNA_2023_218	DDOR_2023_D35	DDOR_2023_336771	Oasis 66/12 (D)	Farms	Capacity	Increase Circuit Capacity	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	1.20	1.10	1.10	1.10	1.00	MW	11.36%	10.42%
GNA_2023_219	DDOR_2023_D36	DDOR_2023_336772	Oasis 66/12 (D)	Heights	Capacity	Increase Circuit Capacity	Install New Cable, Install (1) New Remote	Primary Feeder - Cable, Switch	6/1/2023	0.50	0.50	0.50	0.50	0.50	MW	4.39%	4.39%
GNA_2023_228	DDOR_2023_D37	DDOR_2023_336774	Palmdale 66/12 (D)	Ledford	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch	Primary Feeder - Switch	6/1/2024	0.48	0.48	0.41	0.41	0.41	MW	4.18%	4.18%
GNA_2023_230	DDOR_2023_D38	DDOR_2023_336774	Palmdale 66/12 (D)	Paint	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch	Primary Feeder - Switch	6/1/2024	1.40	1.40	1.30	1.30	1.30	MW	11.71%	11.71%
GNA_2023_175	DDOR_2023_D39	DDOR_2023_336775	Little Rock 66/12 (D)	Sun Village	Capacity	Increase Circuit Capacity	Install (1) New Remote Automatic Reclos	Primary Feeder - Overhead Conductor, Switch, Capacit	12/31/2023	1.57	2.28	2.37	2.30	2.24	MW	[redacted]	
GNA_2023_229	DDOR_2023_D40	DDOR_2023_336787	Palmdale 66/12 (D)	Mark	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	0.76	0.76	1.02	1.30	1.57	MW	7.00%	6.90%
GNA_2023_159	DDOR_2023_D41	DDOR_2023_336790	Lancaster 66/12 (D)	Kingtree	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	1.80	1.85	2.02	2.00	1.96	MW	15.56%	16.09%
GNA_2023_229	DDOR_2023_D42	DDOR_2023_336791	Palmdale 66/12 (D)	Mark	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	0.30	0.76	0.76	1.02	1.30	MW	2.76%	6.90%
GNA_2023_229	DDOR_2023_D43	DDOR_2023_336792	Palmdale 66/12 (D)	Mark	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	0.76	0.76	1.02	1.30	1.57	MW	7.00%	6.90%
	DDOR_2023_D44	DDOR_2023_336793	Palmdale 66/12 (D)	Caliber	Capacity	Project To Facilitate Load Transfer	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_282	DDOR_2023_D45	DDOR_2023_336800	Rosamond 66/12 (D)	Skip	Voltage	Project To Address Voltage Concern	Install (1) New Remote Control Switch	Primary Feeder - Switch	6/1/2023	0.85	0.85	0.85	0.85	0.85	Vpu	85.42%	85.42%
GNA_2023_221	DDOR_2023_D46	DDOR_2023_336801	Oasis 66/12 (D)	Stealth	Capacity	Project To Facilitate Load Transfer	Install (2) New Switch	Primary Feeder - Switch	12/31/2023	0.78	0.70	0.63	0.59	0.52	MW	6.52%	5.85%
GNA_2023_222	DDOR_2023_D47	DDOR_2023_336802	Oasis 66/12 (D)	Stealth	Capacity (UCT)	Underground Cable Temperature Mitigation, Project To Facilitate Lo	Construct Civil Projects, Install (5) New Sv	Primary Feeder - Switch	12/31/2023	0.60	0.80	0.80	7.40	0.80	MW	5.02%	6.69%
GNA_2023_223	DDOR_2023_D48	DDOR_2023_346252	Oldfield 12/4.16 (D)	Market	Capacity	Project To Facilitate Transformer Conversion	4kV to 12kV Conversion, Remove (13) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2023	0.50	0.50	0.00	0.00	0.10	MW	17.06%	17.06%
GNA_2023_172	DDOR_2023_D49	DDOR_2023_346260	Linden 12/4.16 (D)	Boulevard	Capacity	Increase Circuit Capacity	Install New Cable	Primary Feeder - Cable	12/31/2023	0.10	0.10	0.10	0.10	0.10	MW	6.25%	6.25%
GNA_2023_234	DDOR_2023_D50	DDOR_2023_347545	Passons 66/12 (D)	Alburtis	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Replace Cable, Construct Civil Project	Primary Feeder - Cable	6/1/2024	0.08	0.13	0.13	0.13	0.13	MW	0.99%	1.34%
GNA_2023_235	DDOR_2023_D51	DDOR_2023_347545	Passons 66/12 (D)	Millergrove	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Replace Cable, Construct Civil Project	Primary Feeder - Cable	6/1/2024	0.13	0.46	0.44	0.44	0.64	MW	1.29%	4.72%
GNA_2023_236	DDOR_2023_D52	DDOR_2023_347545	Passons 66/12 (D)	Terradell	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Replace Cable, Construct Civil Project	Primary Feeder - Cable	6/1/2024	0.63	0.98	0.98	0.98	0.98	MW	6.26%	10.08%
GNA_2023_308	DDOR_2023_D53	DDOR_2023_347553	Stewart 66/12 (D)	Donald	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Switch	Primary Feeder - Switch	9/1/2023	3.57	0.89	0.19	0.19	0.11	MW	42.86%	7.67%
GNA_2023_309	DDOR_2023_D54	DDOR_2023_347553	Stewart 66/12 (D)	Kordell	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install (1) New Switch	Primary Feeder - Switch	9/1/2023	3.01	0.03	0.03	0.03	0.01	MW	35.04%	0.26%
GNA_2023_113	DDOR_2023_D55	DDOR_2023_377696	Elsinore 115/12 (D)	Collier	Capacity	Increase Substation Capacity	Install (1) New 12 kV Transformer, Install	Primary Feeder - Cable, Switch; Substation - Transform	8/1/2023	0.41	0.70	0.78	1.00	1.76	MW	3.43%	5.85%
GNA_2023_51	DDOR_2023_D56	DDOR_2023_377697	Cajalco 115/12 (D)	Starglow	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	9/1/2023	1.91	0.41	0.48	0.59	0.98	MW	[redacted]	
GNA_2023_2	DDOR_2023_D57	DDOR_2023_377712	Alessandro 115/12 (D)	Serpentine	Capacity (UCT)	Underground Cable Temperature Mitigation, Project To Facilitate Lo	Install (1) Voltage Regulator	Primary Feeder - Voltage Regulator	6/1/2023	0.00	0.28	0.35	0.48	1.09	MW	0.00%	2.53%
GNA_2023_106	DDOR_2023_D58	DDOR_2023_386022	Downs 115/12 (D)	Rocket Town	Capacity	Increase Circuit Capacity	Install (1) New Remote Automatic Reclos	Primary Feeder - Switch	6/1/2023	0.91	0.91	0.89	0.89	0.89	MW	[redacted]	
GNA_2023_321	DDOR_2023_D59	DDOR_2023_388548	Tenaja 115/12 (D)	Corinth	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install (2) New Switch, Construct Civil Pro	Primary Feeder - Cable, Switch	6/1/2023	0.00	0.46	0.41	0.70	1.72	MW	[redacted]	
GNA_2023_322	DDOR_2023_D60	DDOR_2023_388548	Tenaja 115/12 (D)	Jerusalem	Capacity	Increase Circuit Capacity	Install (2) New Switch, Construct Civil Pro	Primary Feeder - Cable, Switch	6/1/2023	0.00	0.00	0.00	0.04	0.04	MW	0.00%	0.00%
GNA_2023_328	DDOR_2023_D61	DDOR_2023_388560	Triton 115/12 (D)	Capelin	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable, Construct Civil Projects	Primary Feeder - Cable, Switch	6/1/2023	0.35	0.50	0.57	0.59	0.63	MW	3.00%	4.27%
GNA_2023_329	DDOR_2023_D62	DDOR_2023_388560	Triton 115/12 (D)	Thresher	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable, Construct Civil Projects	Primary Feeder - Cable, Switch	6/1/2023	1.07	1.07	1.02	1.02	0.98	MW	9.25%	9.27%
GNA_2023_270	DDOR_2023_D63	DDOR_2023_4052_027588	Rio Hondo 66/12 (D)	Euphrates	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Install New Cable, Install	Primary Feeder - Cable, Overhead Conductor, Switch	3/1/2024	2.13	2.11	2.09	2.09	2.07	MW	22.63%	22.41%
GNA_2023_271	DDOR_2023_D64	DDOR_2023_4052_027588	Rio Hondo 66/12 (D)	Nile	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Install New Cable, Install	Primary Feeder - Cable, Overhead Conductor, Switch	3/1/2024	0.61	0.61	0.61	0.61	0.59	MW	6.32%	6.32%
GNA_2023_272	DDOR_2023_D65	DDOR_2023_4052_027588	Rio Hondo 66/12 (D)	Rhine	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Install New Cable, Install	Primary Feeder - Cable, Overhead Conductor, Switch	3/1/2024	1.09	1.04	0.98	0.91	0.85	MW	[redacted]	
GNA_2023_273	DDOR_2023_D66	DDOR_2023_4052_027588	Rio Hondo 66/12 (D)	Tigris	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Install New Cable, Install	Primary Feeder - Cable, Overhead Conductor, Switch	3/1/2024	2.24	0.02	0.00	0.15	1.02	MW	[redacted]	
GNA_2023_66	DDOR_2023_D67	DDOR_2023_4052_334082	Chase 66/12 (D)	Diplomat	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	0.00	2.87	1.87	1.91	2.09	MW	0.00%	32.50%
GNA_2023_67	DDOR_2023_D68	DDOR_2023_4052_334082	Chase 66/12 (D)	Griffin	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	0.63	0.70	0.67	0.63	0.61	MW	6.93%	7.78%
GNA_2023_69	DDOR_2023_D69	DDOR_2023_4052_334082	Chase 66/12 (D)	Magnolia	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	0.52	1.70	1.65	1.63	1.61	MW	5.86%	19.45%
GNA_2023_70	DDOR_2023_D70	DDOR_2023_4052_334082	Chase 66/12 (D)	Palace	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	1.60	2.26	0.24	0.70	0.63	MW	14.67%	20.96%
GNA_2023_72	DDOR_2023_D71	DDOR_2023_4052_334082	Chase 66/12 (D)	Whisper	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2023	1.41	1.50	1.46	1.46	1.43	MW	[redacted]	
	DDOR_2023_D72	DDOR_2023_4052_747043	Imperial 66/12 (D)	Alameda	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable	12/31/2024	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_145	DDOR_2023_D73	DDOR_2023_4052_747043	Imperial 66/12 (D)	Luxor	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable	12/31/2024	3.55	3.55	2.58	2.43	2.55	MW	48.30%	48.30%
GNA_2023_263	DDOR_2023_D74	DDOR_2023_422051	Repetto 66/16 (D)	Hammell	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	5/1/2024	0.79	0.79	0.76	0.76	0.74	MW	5.53%	5.53%
GNA_2023_266	DDOR_2023_D75	DDOR_2023_422055	Repetto 66/16 (D)	Soledad	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capaci	Install New Cable, Replace Cable	Primary Feeder - Cable	6/1/2024	2.41	2.53	1.00	0.97	0.97	MW	15.56%	16.44%
GNA_2023_283	DDOR_2023_D76	DDOR_2023_422077	Rosemead 66/16 (D)	Bilton	Capacity	Increase Circuit Capacity	Install (1) New Switch, Install New Condu	Primary Feeder - Overhead Conductor, Switch	6/1/2024	0.53	0.59	0.62	0.71	1.03	MW	4.45%	4.96%
	DDOR_2023_D77	DDOR_2023_422080	Narrows 66/12 (D)	Cadillac	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable	Primary Feeder - Cable	12/31/2024	0.00	0.00	0.00	0.00	0.00	MW	[redacted]	
GNA_2023_205	DDOR_2023_D78	DDOR_2023_422080	Narrows 66/12 (D)	Torpedo	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable	Primary Feeder - Cable	12/31/2024	0.20	0.17	0.22	0.24	0.26	MW	1.77%	1.50%
GNA_2023_8	DDOR_2023_D79	DDOR_2023_427087	Arcadia 66/4.16 (D)	Haven	Capacity	Increase Circuit Capacity	Install (1) New Switch, Install New Condu	Primary Feeder - Overhead Conductor, Switch	6/1/2024	0.31	0.33	0.34	0.36	0.38	MW	12.92%	13.75%
GNA_2023_306	DDOR_2023_D80	DDOR_2023_427089	Sierra Madre 16/4.16 (D)	Lowell	Capacity	Project To Facilitate Load Transfer	Install (1) New Switch, Install New Condu	Primary Feeder - Overhead Conductor, Switch	6/1/2024	0.20	0.23	0.21	0.24	0.27	MW	6.83%	7.85%
GNA_2023_184	DDOR_2023_D81	DDOR_2023_432096	Lynwood 16/4.16 (D)	Lyndora	Capacity	Increase Circuit Capacity	Install New Conductor	Primary Feeder - Overhead Conductor	6/1/2024	0.40	0.40	0.40	0.40	0.40	MW	22.22%	22.22%
GNA_2023_347	DDOR_2023_D82	DDOR_2023_432097	Woodruff 12/4.16 (D)	Ferina	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (35) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.15	0.16	0.17	0.18	0.18	MW	5.00%	5.52%
GNA_2023_64	DDOR_2023_D83	DDOR_2023_434565	Chase 66/12 (D)	Bobbit	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	0.30	0.28	0.24	0.20	0.15	MW	2.61%	2.43%
GNA_2023_65	DDOR_2023_D84	DDOR_2023_434565	Chase 66/12 (D)	Cerrito	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	0.39	0.37	0.35	0.33	0.28	MW	[redacted]	
GNA_2023_68	DDOR_2023_D85	DDOR_2023_434565	Chase 66/12 (D)	Harlow	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	1.02	1.35	1.35	1.33	1.26	MW	9.71%	13.11%
GNA_2023_70	DDOR_2023_D86	DDOR_2023_434565	Chase 66/12 (D)	Palace	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	2.07	2.57	0.22	0.67	0.61	MW	19.75%	24.52%
GNA_2023_72	DDOR_2023_D87	DDOR_2023_434565	Chase 66/12 (D)	Whisper	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	0.67	0.65	0.30	0.28	0.26	MW	[redacted]	
GNA_2023_74	DDOR_2023_D88	DDOR_2023_434565	Chase 66/12 (D)	Wyle	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (2) New Switch, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	1.07	1.70	0.07	0.65	0.67	MW	10.19%	16.19%
GNA_2023_237	DDOR_2023_D89	DDOR_2023_434568	Pedley 66/12 (D)	Quarry	Capacity	Increase Circuit Capacity	Install (1) New Remote Automatic Reclos	Primary Feeder - Switch, Protection Equipment	2/1/2024	1.33	1.37	1.37	1.39	1.41	MW	15.29%	15.75%
GNA_2023_14	DDOR_2023_D90	DDOR_2023_434572	Archibald 66/12 (D)	Hofer	Capacity	Increase Circuit Capacity	Increase Cable Size, Install (1) New Switch	Primary Feeder - Cable, Switch	6/1/2024	0.93	1.47	1.63	1.73	1.71	MW	13.68%	21.62%
GNA_2023_118	DDOR_2023_D91	DDOR_2023_434592	Euclid 12/4.16 (D)	Village	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (6) 4kV	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.10	0.10	0.10	0.10	0.00	MW	3.57%	3.57%
GNA_2023_186	DDOR_2023_D92	DDOR_2023_439082	Mckevett P.T. 16/4.16 (A)	Mckevett	Capacity	Increase Circuit Capacity	Install New Conductor, Install (1) New Sw	Primary Feeder - Overhead Conductor, Switch	6/1/2024	0.10	0.10	0.10	0.10	0.10	MW	12.50%	12.50%
GNA_2023_161	DDOR_2023_D93	DDOR_2023_443042	Limestone 66/12 (D)	Arsenic	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.91	2.30	2.74	2.93	2.78	MW	[redacted]	
GNA_2023_162	DDOR_2023_D94	DDOR_2023_443042	Limestone 66/12 (D)	Calcium	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.00	0.00	0.07	0.07	0.04	MW	0.00%	0.00%
GNA_2023_163	DDOR_2023_D95	DDOR_2023_443042	Limestone 66/12 (D)	Graphite	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.70	1.20	1.15	1.78	1.72	MW	[redacted]	
GNA_2023_164	DDOR_2023_D96	DDOR_2023_443042	Limestone 66/12 (D)	Lead	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.00	0.00	0.85	1.13	1.11	MW	0.00%	0.00%
GNA_2023_165	DDOR_2023_D97	DDOR_2023_443042	Limestone 66/12 (D)	Obsidian	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.00	0.00	0.41	0.83	0.80	MW	[redacted]	
GNA_2023_166	DDOR_2023_D98	DDOR_2023_443042	Limestone 66/12 (D)	Silver	Capacity (UCT)	Underground Cable Temperature Mitigatioin, Increase Circuit Capaci	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.00	0.74	0.87	0.93	0.91	MW	[redacted]	

Deficiency %												
2025[5]	2026[5]	2027[5]	DER Eligible Service	LNBA Values	Residential Customer	Commercial Customer	Industrial Customer	Agricultural Customer	Other Customer	Notes	AACE Level of Cost Estimate	Project History
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	417	45	0	0	65		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	469	258	2	0	165		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
10.92%	10.92%	10.92%	NO	23368.45 $/MW-year	125	34	0	3	161		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
0.00%	17.28%	35.19%	YES	4644.65 $/MW-year	438	148	0	0	70		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	20.80%	40.48%	YES	4644.65 $/MW-year	3	44	0	0	95		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
93.58%	93.42%	93.00%	NO	35510.35 $/Vpu-year	966	42	0	1	131		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
14.24%	14.24%	14.24%	NO	71696.73 $/MW-year	5	20	0	11	80		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	71696.73 $/MW-year	368	18	0	0	70		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
25.00%	24.07%	23.15%	NO	3162.76 $/MW-year	11	129	9	0	63		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	108	5	0	0	13		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
10.82%	19.34%	19.34%	NO	21488.85 $/MW-year	570	52	0	0	78		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	21488.85 $/MW-year	478	98	1	0	70		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	21488.85 $/MW-year	326	59	0	1	57		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	21488.85 $/MW-year	1	67	1	0	28		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	21488.85 $/MW-year	25	85	7	0	27		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
10.24%	10.24%	10.24%	NO	202604.19 $/MW-year	259	3	0	0	17		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
0.00%	0.00%	0.00%	NO	1674.69 $/MW-year	5	179	2	0	59		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
0.00%	0.00%	0.00%	NO	1674.69 $/MW-year	638	60	0	0	49		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
31.65%	30.84%	29.87%	NO	12340.46 $/MW-year	259	281	7	0	265		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	12340.46 $/MW-year	177	412	7	0	266		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
4.88%	10.31%	10.34%	NO	12340.46 $/MW-year	65	312	13	0	173		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
2.76%	2.76%	2.76%	NO	128739.18 $/MW-year	210	70	0	0	104		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
18.50%	18.61%	18.18%	NO	7613.42 $/MW-year	119	129	1	0	93		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	NO	80390.26 $/MW-year	161	19	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
11.85%	11.60%	11.60%	NO	12082.36 $/MW-year	353	239	1	0	133		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
1.72%	1.72%	1.72%	NO	97729.70 $/MW-year	1330	64	0	0	124		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
5.34%	5.13%	4.93%	NO	97729.70 $/MW-year	992	124	0	0	179		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
9.14%	8.72%	8.52%	NO	97729.70 $/MW-year	1002	57	0	0	142		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
18.39%	18.39%	19.06%	NO	13726.96 $/MW-year	75	75	4	0	67		Cost estimate is generally equivalent to AACE Estimate Class 1	New
15.16%	0.11%	0.93%	NO	13726.96 $/MW-year	322	112	4	0	131		Cost estimate is generally equivalent to AACE Estimate Class 1	New
8.33%	12.50%	12.50%	NO	22140.56 $/MW-year	300	9	0	0	24		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
13.57%	13.06%	14.79%	NO	14327.06 $/MW-year	637	113	1	0	91		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	14327.06 $/MW-year	0	10	2	0	12		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	26324.55 $/MW-year	24	25	0	5	81		Cost estimate is generally equivalent to AACE Estimate Class 5	New
10.42%	10.42%	9.47%	NO	18737.97 $/MW-year	1060	89	0	0	93		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
4.39%	4.39%	4.39%	NO	9686.19 $/MW-year	1644	36	0	0	103		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
3.57%	3.57%	3.57%	NO	3310.12 $/MW-year	469	18	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
10.87%	10.87%	10.87%	NO	3310.12 $/MW-year	1167	16	0	0	58		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	17531.66 $/MW-year	631	39	0	0	105		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
9.26%	11.80%	14.27%	NO	1521.07 $/MW-year	882	40	0	0	42		Cost estimate is generally equivalent to AACE Estimate Class 1	New
17.91%	17.73%	17.30%	NO	1091.70 $/MW-year	1551	67	0	1	125		Cost estimate is generally equivalent to AACE Estimate Class 1	New
6.90%	9.26%	11.82%	NO	1615.90 $/MW-year	882	40	0	0	42		Cost estimate is generally equivalent to AACE Estimate Class 1	New
9.26%	11.80%	14.27%	NO	3121.14 $/MW-year	882	40	0	0	42		Cost estimate is generally equivalent to AACE Estimate Class 1	New
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	598	68	4	1	190		Cost estimate is generally equivalent to AACE Estimate Class 1	New
85.42%	85.42%	85.42%	NO	5754.19 $/Vpu-year	383	34	0	0	82		Cost estimate is generally equivalent to AACE Estimate Class 1	New
5.27%	4.93%	4.35%	NO	47559.96 $/MW-year	1159	73	0	0	122		Cost estimate is generally equivalent to AACE Estimate Class 3	New
6.69%	61.87%	6.69%	NO	5229.79 $/MW-year	1159	73	0	0	122		Cost estimate is generally equivalent to AACE Estimate Class 3	New
0.00%	0.00%	3.41%	NO	83217.91 $/MW-year	463	63	0	0	73		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
6.25%	6.25%	6.25%	NO	114003.60 $/MW-year	237	10	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 2	New
1.34%	1.34%	1.34%	NO	34785.99 $/MW-year	282	82	0	0	78		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
4.51%	4.51%	6.56%	NO	34785.99 $/MW-year	424	63	0	0	97		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
10.08%	10.08%	10.08%	NO	34785.99 $/MW-year	542	134	0	0	149		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
1.64%	1.64%	0.95%	NO	1729.59 $/MW-year	5	86	2	0	61		Cost estimate is generally equivalent to AACE Estimate Class 2	New
0.26%	0.26%	0.09%	NO	1729.59 $/MW-year	448	86	0	0	108		Cost estimate is generally equivalent to AACE Estimate Class 2	New
6.52%	8.36%	14.72%	NO	10172.97 $/MW-year	570	68	0	1	92		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	49818.03 $/MW-year	1031	39	2	0	195		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
3.17%	4.33%	9.73%	NO	8694.76 $/MW-year	149	91	3	0	102		Cost estimate is generally equivalent to AACE Estimate Class 1	New
[redacted]			NO	7616.88 $/MW-year	896	48	0	0	120		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	18509.68 $/MW-year	344	17	0	0	50		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.33%	0.33%	NO	18509.68 $/MW-year	426	26	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
4.88%	5.04%	5.41%	NO	16226.01 $/MW-year	161	47	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
8.82%	8.84%	8.47%	NO	16226.01 $/MW-year	755	66	0	0	76		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
22.17%	22.17%	21.94%	NO	20727.27 $/MW-year	154	13	0	0	54		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
6.32%	6.32%	6.10%	NO	20727.27 $/MW-year	256	18	0	0	47		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	20727.27 $/MW-year	61	36	1	0	28		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	20727.27 $/MW-year	100	13	1	0	31		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
21.18%	21.63%	23.67%	NO	9495.67 $/MW-year	405	39	2	0	47		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
7.44%	7.00%	6.78%	NO	9495.67 $/MW-year	525	20	0	0	67		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
18.88%	18.65%	18.42%	NO	9495.67 $/MW-year	729	90	0	0	109		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
2.23%	6.49%	5.84%	NO	9495.67 $/MW-year	253	114	1	0	47		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	9495.67 $/MW-year	28	41	1	0	28		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.00%	0.00%	NO	59938.85 $/MW-year	372	106	1	0	122		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
34.31%	31.68%	33.33%	NO	59938.85 $/MW-year	295	144	6	0	132		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
5.32%	5.32%	5.18%	NO	13911.83 $/MW-year	262	72	0	0	66		Cost estimate is generally equivalent to AACE Estimate Class 3	New
6.50%	6.31%	6.31%	NO	7200.12 $/MW-year	225	65	0	1	96		Cost estimate is generally equivalent to AACE Estimate Class 4	New
5.21%	5.97%	8.66%	NO	7754.31 $/MW-year	741	203	0	1	165		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	6120.80 $/MW-year	82	67	3	5	79		Cost estimate is generally equivalent to AACE Estimate Class 5	New
1.95%	2.13%	2.30%	NO	6120.80 $/MW-year	409	50	1	0	121		Cost estimate is generally equivalent to AACE Estimate Class 5	New
14.17%	15.00%	15.83%	NO	31732.31 $/MW-year	98	18	0	0	33		Cost estimate is generally equivalent to AACE Estimate Class 5	New
7.17%	8.19%	9.22%	NO	533123.09 $/MW-year	135	5	0	0	21		Cost estimate is generally equivalent to AACE Estimate Class 5	New
22.22%	22.22%	22.22%	NO	33617.96 $/MW-year	252	26	0	0	48		Cost estimate is generally equivalent to AACE Estimate Class 4	New
5.79%	6.03%	6.31%	NO	767193.12 $/MW-year	214	10	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 4	New
2.09%	1.74%	1.30%	NO	5310.99 $/MW-year	663	61	0	0	103		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	5310.99 $/MW-year	436	26	0	0	78		Cost estimate is generally equivalent to AACE Estimate Class 4	New
13.07%	12.85%	12.15%	NO	5310.99 $/MW-year	301	114	4	0	69		Cost estimate is generally equivalent to AACE Estimate Class 4	New
2.04%	6.20%	5.65%	NO	5310.99 $/MW-year	253	114	1	0	47		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	5310.99 $/MW-year	28	41	1	0	28		Cost estimate is generally equivalent to AACE Estimate Class 4	New
0.67%	6.19%	6.38%	NO	5310.99 $/MW-year	631	160	1	0	123		Cost estimate is generally equivalent to AACE Estimate Class 4	New
15.75%	15.98%	16.21%	NO	7186.82 $/MW-year	550	24	0	0	65		Cost estimate is generally equivalent to AACE Estimate Class 3	New
23.97%	25.44%	25.15%	NO	41644.60 $/MW-year	355	36	0	0	50		Cost estimate is generally equivalent to AACE Estimate Class 4	New
3.57%	3.57%	0.00%	NO	42334.92 $/MW-year	384	7	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 4	New
12.50%	12.50%	12.50%	NO	143333.42 $/MW-year	80	2	0	0	10		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	22580.85 $/MW-year	0	50	0	0	53		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
0.87%	0.87%	0.49%	NO	22580.85 $/MW-year	572	94	0	0	54		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	22580.85 $/MW-year	0	3	2	0	15		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
11.17%	14.85%	14.59%	NO	22580.85 $/MW-year	5	154	1	0	60		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	22580.85 $/MW-year	287	29	0	0	24		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	22580.85 $/MW-year	284	24	0	0	20		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing

										Deficiency (MW, MVAR or VPU)							
GNA ID	DDOR ID	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	Units	2023[B]	2024[B]
GNA_2023_167	DDOR_2023_D99	DDOR_2023_443042	Limestone 66/12 (D)	Slate	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	12/31/2023	0.00	2.07	3.41	4.78	5.61	MW	0.00%	24.41%
GNA_2023_336	DDOR_2023_D100	DDOR_2023_443048	Viejo 66/12 (D)	Atento	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Reroute Circuit	Primary Feeder - Cable	5/1/2024	0.00	0.35	0.61	0.85	0.89	MW	0.00%	2.93%
GNA_2023_32	DDOR_2023_D101	DDOR_2023_444088	Bluff Cove 16/4.16 (D)	Arcturus	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (72) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	1.30	1.33	1.37	1.39	1.41	MW	86.80%	88.83%
GNA_2023_33	DDOR_2023_D102	DDOR_2023_444088	Bluff Cove 16/4.16 (D)	Venus	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (72) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.11	0.14	0.16	0.19	0.21	MW	3.65%	4.69%
GNA_2023_41	DDOR_2023_D103	DDOR_2023_444097	Bridge 66/4.16 (D)	Girder	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	4 kV to 12kV Conversion, Remove (40) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.14	0.17	0.19	0.21	0.24	MW	5.79%	6.71%
GNA_2023_42	DDOR_2023_D104	DDOR_2023_444097	Bridge 66/4.16 (D)	Truss	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (40) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.00	0.00	0.00	0.02	0.04	MW	0.00%	0.00%
GNA_2023_281	DDOR_2023_D105	DDOR_2023_444098	Rolling Hills 66/4.16 (D)	Azalia	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (38) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.00	0.02	0.05	0.08	0.11	MW	0.00%	0.83%
GNA_2023_185	DDOR_2023_D106	DDOR_2023_444099	Madrid 16/4.16 (D)	Llewellyn	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (14) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.05	0.12	0.16	0.19	0.21	MW	2.69%	6.15%
GNA_2023_183	DDOR_2023_D107	DDOR_2023_446095	Los Cerritos 66/12 (D)	Halter	Capacity	Increase Circuit Capacity	Increase Cable Size, Reroute Circuit	Primary Feeder - Cable, Switch	6/1/2024	1.30	1.50	1.50	1.50	1.40	MW	11.61%	13.39%
GNA_2023_157	DDOR_2023_D108	DDOR_2023_446098	Lakewood 66/4.16 (D)	Ebell	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (23) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.41	0.44	0.46	0.46	0.46	MW	14.71%	15.54%
GNA_2023_182	DDOR_2023_D109	DDOR_2023_446099	Los Cerritos 12/4.16 (D)	null	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (58) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	1.79	1.86	1.92	1.98	2.05	MW	24.10%	25.01%
GNA_2023_308	DDOR_2023_D110	DDOR_2023_447030	Stewart 66/12 (D)	Donald	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	6/1/2024	3.57	4.17	3.47	3.47	3.37	MW	42.86%	50.06%
GNA_2023_309	DDOR_2023_D111	DDOR_2023_447030	Stewart 66/12 (D)	Kordell	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Increase Cable Si	Primary Feeder - Cable	6/1/2024	1.91	1.91	1.91	1.93	1.93	MW	22.24%	22.24%
GNA_2023_310	DDOR_2023_D112	DDOR_2023_447030	Stewart 66/12 (D)	William	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Install New Cable	Primary Feeder - Cable	6/1/2024	1.80	1.83	1.83	1.73	1.73	MW	19.57%	19.96%
GNA_2023_126	DDOR_2023_D113	DDOR_2023_447032	Floraday 12/4.16 (D)	Gotham	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (14) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.30	0.30	0.30	0.30	0.30	MW	10.24%	10.24%
GNA_2023_127	DDOR_2023_D114	DDOR_2023_447033	Floraday 12/4.16 (D)	Kenney	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (8) 4kV	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	1.70	1.70	1.70	1.70	1.70	MW	130.77%	130.77%
GNA_2023_288	DDOR_2023_D115	DDOR_2023_449039	Santa Barbara 66/4.16 (D)	Gutierrez	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (12) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2024	0.30	0.30	0.40	0.40	0.40	MW	15.79%	15.79%
GNA_2023_142	DDOR_2023_D116	DDOR_2023_451637	Hanford 66/12 (D)	Iona	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable	Primary Feeder - Cable	6/1/2024	0.11	0.65	0.87	0.98	0.98	MW	0.98%	5.80%
GNA_2023_102	DDOR_2023_D117	DDOR_2023_451646	Delano 66/12 (D)	C B S	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Increase Cable Size	Primary Feeder - Cable	6/1/2024	0.00	0.65	0.65	0.65	0.65	MW		
GNA_2023_274	DDOR_2023_D118	DDOR_2023_451651	Riverway 66/12 (D)	Klamath	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable	Primary Feeder - Cable	6/1/2024	0.00	0.30	1.30	1.33	1.38	MW		
GNA_2023_260	DDOR_2023_D119	DDOR_2023_451652	Rector 66/12 (D)	Gordon	Capacity	Project To Facilitate Load Transfer	Install (1) New Switch	Primary Feeder - Switch	12/31/2024	0.20	0.20	0.21	0.22	0.23	MW	1.67%	1.67%
GNA_2023_330	DDOR_2023_D120	DDOR_2023_451653	Tulare 66/12 (D)	Milk	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Remote Control Switch	Primary Feeder - Switch	12/31/2024	0.20	0.20	0.30	0.30	0.30	MW		
GNA_2023_212	DDOR_2023_D121	DDOR_2023_459035	North Oaks 66/16 (D)	Cottonmouth	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Install New Cable	Primary Feeder - Cable	6/1/2024	1.00	1.00	1.10	1.10	1.10	MW	7.09%	6.94%
GNA_2023_213	DDOR_2023_D122	DDOR_2023_459035	North Oaks 66/16 (D)	Moccasin	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Conductor, Install New Cable	Primary Feeder - Overhead Conductor, Cable	6/1/2024	1.00	0.60	0.60	0.70	0.70	MW	8.40%	4.84%
GNA_2023_317	DDOR_2023_D123	DDOR_2023_479105	Tamarisk 115/12 (D)	Birch	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Switch	Primary Feeder - Switch	6/1/2024	0.00	0.22	0.20	0.20	0.20	MW	0.00%	1.83%
GNA_2023_85	DDOR_2023_D124	DDOR_2023_479106	Concho 115/12 (D)	Taberna	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Circuit	6/1/2024	0.00	0.93	1.33	1.59	1.57	MW	0.00%	7.75%
GNA_2023_318	DDOR_2023_D125	DDOR_2023_479107	Tamarisk 115/12 (D)	Chia	Capacity (UCT)	Underground Cable Temperature Mitigation, Project to Facilitate Loa	Install (1) New Switch	Primary Feeder - Switch	6/1/2024	2.28	2.72	3.48	3.80	3.80	MW	19.79%	26.00%
GNA_2023_319	DDOR_2023_D126	DDOR_2023_479107	Tamarisk 115/12 (D)	Saguaro	Capacity (UCT)	Underground Cable Temperature Mitigation, Project To Facilitate Loa	Install (1) New Switch	Primary Feeder - Switch	6/1/2024	0.00	0.87	0.87	0.76	0.76	MW	0.00%	8.81%
	DDOR_2023_D127	DDOR_2023_4800	Elizabeth Lake 66/16 (D)	Guitar	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
	DDOR_2023_D128	DDOR_2023_4800	Elizabeth Lake 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
	DDOR_2023_D129	DDOR_2023_4800	Newhall 66/16 (D)	Gavin	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
	DDOR_2023_D130	DDOR_2023_4800	Newhall 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
	DDOR_2023_D131	DDOR_2023_4800	Saugus 66/16 (D)	Crabtree	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
GNA_2023_299	DDOR_2023_D132	DDOR_2023_4800	Saugus 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	6.16	MW		
	DDOR_2023_D133	DDOR_2023_4800	Saugus 66/16 (D)	Tips	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ir	Substation - New Substation, Primary Feeder - New Dis	3/31/2028	0.00	0.00	0.00	0.00	0.00	MW		
GNA_2023_265	DDOR_2023_D134	DDOR_2023_522045	Repetto 66/16 (D)	Soledad	Capacity	Project To Facilitate Load Transfer	Reroute Circuite, Install (2) New Switch	Primary Feeder - Switch	6/1/2025	1.74	1.74	1.74	1.71	1.71	MW	10.75%	10.75%
GNA_2023_320	DDOR_2023_D135	DDOR_2023_527012	Temple 16/4.16 (D)	Bidwell	Capacity	Project to Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (15) 4k	Primary Feeder - Overhead Conductor, Transformer	2/28/2025	0.54	0.56	0.58	0.60	0.60	MW	29.86%	31.07%
GNA_2023_80	DDOR_2023_D136	DDOR_2023_531046	Colton 66/12 (D)	Globe Mills	Capacity	Project To Facilitate Load Transfer	Install New Conductor	Primary Feeder - Overhead Conductor	6/1/2025	0.33	0.30	0.28	0.30	0.48	MW		
GNA_2023_81	DDOR_2023_D137	DDOR_2023_531046	Colton 66/12 (D)	Preston	Capacity	Project To Facilitate Load Transfer	Install New Conductor	Primary Feeder - Overhead Conductor	6/1/2025	0.00	0.00	0.02	0.13	0.43	MW	0.00%	0.00%
GNA_2023_201	DDOR_2023_D138	DDOR_2023_532024	Naomi 16/4.16 (D)	Clemont	Capacity	Increase Circuit Capacity	Install New Conductor, Replace Cable	Primary Feeder - Overhead Conductor, Cable	6/1/2025	0.10	0.10	0.10	0.10	0.10	MW	5.56%	5.56%
GNA_2023_331	DDOR_2023_D139	DDOR_2023_534556	Upland 66/12 (D)	Guasti	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Cable	Primary Feeder - Cable	6/1/2025	1.10	2.30	2.30	2.20	2.20	MW	10.38%	21.70%
GNA_2023_114	DDOR_2023_D140	DDOR_2023_543017	Estrella 66/12 (D)	Horoscope	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Conductor, Reroute Circuit	Primary Feeder - Overhead Conductor	6/1/2025	1.35	1.39	1.43	1.41	1.43	MW	14.18%	14.60%
GNA_2023_38	DDOR_2023_D141	DDOR_2023_546050	Bowl 66/4.16 (D)	Ohio	Capacity	Increase Circuit Capacity	Replace Cable	Primary Feeder - Cable	6/1/2025	0.19	0.21	0.22	0.24	0.24	MW	7.96%	8.58%
GNA_2023_307	DDOR_2023_D142	DDOR_2023_546052	Signal Hill 12/4.16 (D)	Michigan	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (17) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2025	0.30	0.30	0.30	0.30	0.30	MW	12.50%	12.50%
GNA_2023_314	DDOR_2023_D143	DDOR_2023_546055	Sunnyside 66/4.16 (D)	Osgood	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (35) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2025	0.60	0.60	0.60	0.60	0.60	MW	26.09%	26.09%
GNA_2023_313	DDOR_2023_D144	DDOR_2023_546057	Sunnyside 66/4.16 (D)	Keever	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (35) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2025	1.10	1.20	1.20	1.20	1.30	MW	55.00%	60.00%
GNA_2023_223	DDOR_2023_D145	DDOR_2023_546058	Oldfield 12/4.16 (D)	Market	Capacity	Project to Facilitate Transformer Conversion	4 kV to 12kV Conversion, Remove (27) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2025	0.20	0.20	0.10	0.10	0.20	MW	6.83%	6.83%
GNA_2023_105	DDOR_2023_D146	DDOR_2023_547014	Downey 12/4.16 (D)	Avon	Capacity	Increase Circuit Capacity	Install New Conductor, Increase Cable Siz	Primary Feeder - Cable, Overhead Conductor	6/1/2025	0.00	0.00	0.10	0.20	0.20	MW	0.00%	0.00%
GNA_2023_94	DDOR_2023_D147	DDOR_2023_7713_333226	Crown 66/12 (D)	Coastal	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	0.20	0.48	0.63	0.57	0.63	MW	2.35%	5.81%
GNA_2023_95	DDOR_2023_D148	DDOR_2023_7713_333226	Crown 66/12 (D)	Gunther	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	2.87	2.43	2.24	2.33	2.48	MW	32.99%	26.62%
	DDOR_2023_D149	DDOR_2023_7713_333226	Crown 66/12 (D)	Jamboree	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_96	DDOR_2023_D150	DDOR_2023_7713_333226	Crown 66/12 (D)	Kewamee	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	1.76	1.54	1.72	1.80	1.74	MW	20.23%	17.11%
	DDOR_2023_D151	DDOR_2023_7713_333226	Crown 66/12 (D)	Peninsula	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_97	DDOR_2023_D152	DDOR_2023_7713_333226	Crown 66/12 (D)	Rutgers	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Construct Civil Projects, I	Primary Feeder - Cable, Switch	6/1/2025	0.00	0.00	0.00	0.00	0.33	MW	0.00%	0.00%
GNA_2023_133	DDOR_2023_D153	DDOR_2023_8043	Garnet 115/33 (D)	null	Capacity	Increase Substation Capacity	Install (2) 56 MVA Substation Transforme	Substation - Transformer, Capacitor	12/31/2023	0.00	0.00	0.00	0.00	12.96	MW		
GNA_2023_110	DDOR_2023_D154	DDOR_2023_8057_331531	El Casco 115/12 (D)	Honeycrisp	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	4.59	4.61	4.61	0.02	0.52	MW	62.28%	62.72%
GNA_2023_111	DDOR_2023_D155	DDOR_2023_8057_331531	El Casco 115/12 (D)	Jonagold	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	0.51	3.40	4.63	0.48	0.48	MW	4.25%	28.33%
GNA_2023_158	DDOR_2023_D156	DDOR_2023_8101	Lancaster 66/12 (D)	Kingtree	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/26/2023	0.39	0.39	0.37	0.35	0.33	MW	3.26%	3.26%
GNA_2023_248	DDOR_2023_D157	DDOR_2023_8102_036596	Quartz Hill 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	2.96	2.96	2.96	2.96	2.96	MW	4.54%	4.54%
GNA_2023_248	DDOR_2023_D158	DDOR_2023_8102_036597	Quartz Hill 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	10.43	10.43	10.43	10.43	10.43	MW	16.00%	16.00%
GNA_2023_259	DDOR_2023_D159	DDOR_2023_8243	Randsburg 115/33 (D)	null	Capacity	Increase Substation Capacity, Project To Facilitate Load Transfers	Install New Cable	Primary Feeder - New Distribution Line	12/31/2023	10.52	10.52	55.53	81.41	81.41	MW		

Deficiency %												
2025[a]	2026[a]	2027[a]	DER Eligible Service	LNBA Values	Residential Customer	Commercial Customer	Industrial Customer	Agricultural Customer	Other Customer	Notes	AACE Level of Cost Estimate	Project History
40.74%	57.11%	67.03%	NO	22580.85 $/MW-year	2	23	0	0	40		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
5.10%	7.11%	7.44%	NO	11255.45 $/MW-year	932	114	0	0	157		Cost estimate is generally equivalent to AACE Estimate Class 4	New
90.86%	92.39%	93.90%	NO	128548.04 $/MW-year	173	9	0	0	18		Cost estimate is generally equivalent to AACE Estimate Class 4	New
5.47%	6.51%	7.29%	NO	128548.04 $/MW-year	227	5	0	0	24		Cost estimate is generally equivalent to AACE Estimate Class 4	New
7.62%	8.54%	9.45%	NO	344142.73 $/MW-year	328	40	0	0	27		Cost estimate is generally equivalent to AACE Estimate Class 4	New
0.00%	0.78%	1.30%	NO	344142.73 $/MW-year	345	51	0	0	67		Cost estimate is generally equivalent to AACE Estimate Class 4	New
2.88%	4.53%	6.17%	NO	350425.51 $/MW-year	203	2	0	0	22		Cost estimate is generally equivalent to AACE Estimate Class 4	New
8.08%	9.62%	10.38%	NO	302365.78 $/MW-year	245	18	0	0	41		Cost estimate is generally equivalent to AACE Estimate Class 4	New
13.39%	13.39%	12.50%	NO	6438.60 $/MW-year	136	187	4	0	116		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
16.36%	16.36%	16.36%	NO	201188.11 $/MW-year	322	4	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 4	New
25.74%	26.65%	27.58%	NO	118982.84 $/MW-year	670	105	0	0	133		Cost estimate is generally equivalent to AACE Estimate Class 4	New
41.66%	41.66%	40.46%	NO	9325.43 $/MW-year	5	86	2	0	61		Cost estimate is generally equivalent to AACE Estimate Class 4	New
22.24%	22.52%	22.52%	NO	9325.43 $/MW-year	448	86	0	0	108		Cost estimate is generally equivalent to AACE Estimate Class 4	New
19.96%	18.87%	18.87%	NO	9325.43 $/MW-year	411	238	0	0	164		Cost estimate is generally equivalent to AACE Estimate Class 4	New
10.24%	10.24%	10.24%	NO	232130.36 $/MW-year	184	8	0	0	14		Cost estimate is generally equivalent to AACE Estimate Class 4	New
130.77%	130.77%	130.77%	NO	33840.44 $/MW-year	255	2	0	0	14		Cost estimate is generally equivalent to AACE Estimate Class 4	New
21.05%	21.05%	21.05%	NO	179678.15 $/MW-year	128	6	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 4	New
7.77%	8.75%	8.75%	NO	28104.95 $/MW-year	1178	66	0	44	257		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	7342.42 $/Vpu-year	209	117	0	0	100		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	26373.91 $/MW-year	10	13	0	24	79		Cost estimate is generally equivalent to AACE Estimate Class 4	New
1.76%	1.84%	1.92%	NO	9923.27 $/Vpu-year	989	19	0	0	61		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	7558.74 $/MW-year	779	53	0	10	110		Cost estimate is generally equivalent to AACE Estimate Class 5	New
7.64%	7.64%	7.64%	NO	25352.38 $/Vpu-year	1116	166	0	0	135		Cost estimate is generally equivalent to AACE Estimate Class 4	New
4.84%	5.65%	5.65%	NO	25352.38 $/Vpu-year	364	191	1	0	92		Cost estimate is generally equivalent to AACE Estimate Class 4	New
1.67%	1.67%	1.67%	NO	15548.08 $/MW-year	452	47	0	0	46		Cost estimate is generally equivalent to AACE Estimate Class 4	New
11.08%	13.25%	13.08%	NO	6393.74 $/MW-year	419	177	0	0	191		Cost estimate is generally equivalent to AACE Estimate Class 3	New
33.02%	36.33%	36.26%	NO	311.84 $/MW-year	396	83	0	1	48		Cost estimate is generally equivalent to AACE Estimate Class 4	New
8.81%	7.63%	7.63%	NO	311.84 $/MW-year	392	28	0	0	39		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			YES	79345.57 $/MW-year	7	52	0	0	138	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	2509	542	5	2	537	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	216	98	0	0	60	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	6096	1428	0	5	1065	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	438	148	0	0	70	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	2463	1077	5	0	802	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	79345.57 $/MW-year	3	44	0	0	95	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
10.75%	10.57%	10.57%	NO	9960.32 $/MW-year	225	65	0	1	96		Cost estimate is generally equivalent to AACE Estimate Class 5	New
31.96%	32.78%	33.22%	NO	47552.59 $/MW-year	142	47	0	0	36		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	96783.58 $/MW-year	611	66	0	2	118		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.17%	1.08%	3.58%	NO	96783.58 $/MW-year	966	42	0	1	131		Cost estimate is generally equivalent to AACE Estimate Class 5	New
5.56%	5.56%	5.56%	NO	61151.48 $/MW-year	212	32	0	0	55		Cost estimate is generally equivalent to AACE Estimate Class 5	New
21.70%	20.75%	20.75%	NO	84398.59 $/MW-year	952	214	0	0	134		Cost estimate is generally equivalent to AACE Estimate Class 5	New
15.02%	14.73%	14.94%	NO	50381.74 $/MW-year	763	100	0	0	95		Cost estimate is generally equivalent to AACE Estimate Class 5	New
9.21%	9.83%	10.17%	NO	26996.95 $/MW-year	382	77	0	0	112		Cost estimate is generally equivalent to AACE Estimate Class 5	New
12.50%	12.50%	12.50%	NO	249813.28 $/MW-year	229	10	0	0	23		Cost estimate is generally equivalent to AACE Estimate Class 5	New
26.09%	26.09%	26.09%	NO	230659.70 $/MW-year	330	17	0	0	60		Cost estimate is generally equivalent to AACE Estimate Class 5	New
60.00%	60.00%	65.00%	NO	186698.59 $/MW-year	391	23	0	0	74		Cost estimate is generally equivalent to AACE Estimate Class 5	New
3.41%	3.41%	6.83%	NO	657032.63 $/MW-year	463	63	0	0	73		Cost estimate is generally equivalent to AACE Estimate Class 5	New
4.17%	8.33%	8.33%	NO	337943.28 $/MW-year	117	12	0	0	16		Cost estimate is generally equivalent to AACE Estimate Class 5	New
7.73%	6.90%	7.63%	NO	42594.09 $/MW-year	649	96	0	0	101		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
23.96%	25.11%	27.16%	NO	42594.09 $/MW-year	854	214	0	0	184		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	0.00%	NO	42594.09 $/MW-year	863	127	0	0	95		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
19.30%	20.20%	19.33%	NO	42594.09 $/MW-year	436	135	0	0	118		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	0.00%	NO	42594.09 $/MW-year	550	122	0	0	104		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	3.73%	NO	42594.09 $/MW-year	311	129	0	0	78		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	200324.44 $/MW-year	0	15	0	1	67		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
62.72%	0.17%	4.33%	NO	43689.43 $/MW-year	627	16	0	0	64		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
38.58%	4.18%	4.18%	NO	43689.43 $/MW-year	647	16	0	0	65		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
3.09%	2.93%	2.76%	NO	323708.74 $/MW-year	1551	67	0	1	125		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
4.54%	4.54%	4.54%	NO	314133.68 $/MW-year	5798	256	1	5	615		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
16.00%	16.00%	16.00%	NO	75320.78 $/MW-year	5798	256	1	5	615		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	142.34 $/MW-year	3	2	0	0	6		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing

										Deficiency (MW, MVAR or VPU)							
GNA ID	DDOR ID	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	Units	2023[B]	2024[B]
GNA_2023_52	DDOR_2023_D160	DDOR_2023_8256	Calcity 'A' 33/12 (D)	Greasewood	Capacity	New Circuit	Install (2) New 12 kV Circuits	Primary Feeder - New Distribution Line	6/30/2028	8.02	41.30	41.28	41.33	41.43	MW	96.05%	494.61%
GNA_2023_53	DDOR_2023_D161	DDOR_2023_8256	Calcity 'A' 33/12 (D)	null	Capacity	New Circuit	Install (2) New 12 kV Circuits	Primary Feeder - New Distribution Line	6/30/2028	5.76	37.59	37.57	37.59	37.70	MW	40.45%	263.97%
GNA_2023_54	DDOR_2023_D162	DDOR_2023_8256	Calcity 'B' 33/12 (D)	null	Capacity	Increase Circuit Capacity	Install (1) New 12kV Circuit	Primary Feeder - New Distribution Line	6/30/2028	9.80	11.09	54.52	79.61	79.61	MW	53.85%	60.93%
GNA_2023_55	DDOR_2023_D163	DDOR_2023_8256	Calcity 'B' 33/12 (D)	Overall	Capacity	New Circuit	Install (1) New 12kV Circuit	Primary Feeder - New Distribution Line	6/30/2028	12.28	13.54	58.63	84.54	84.54	MW	102.68%	113.21%
GNA_2023_56	DDOR_2023_D164	DDOR_2023_8271	Calden 66/16 (D)	null	Capacity	Increase Substation Capacity	Remove (2) 14 MVA Transformers and in	Substation - Transformer, Capacitor	6/1/2023	7.90	7.90	7.50	7.50	7.60	MW	30.38%	30.38%
	DDOR_2023_D165	DDOR_2023_8286	Imperial 66/12 (D)	null	Capacity	Increase Substation Capacity	Increase Conductor Size	Substation - Conductor	6/1/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_291	DDOR_2023_D166	DDOR_2023_8292	Santa Fe Springs 66/12 (D)	null	Capacity	Increase Substation Capacity	Remove (3) 13.3 MVA Transformers and I	Substation - Transformer	6/1/2023	17.83	18.33	18.13	18.11	18.59	MW	18.31%	18.83%
GNA_2023_173	DDOR_2023_D167	DDOR_2023_8293	Linden 12/4.16 (D)	null	Capacity	Increase Substation Capacity	Upgrade Switchrack	Substation - Switchrack	6/1/2023	1.82	1.92	1.42	1.42	1.42	MW	39.74%	41.92%
GNA_2023_119	DDOR_2023_D168	DDOR_2023_8299_379635	Farrell 115/12 (D)	Alvera	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	0.00	1.20	1.20	1.20	1.09	MW		
GNA_2023_125	DDOR_2023_D169	DDOR_2023_8299_379635	Farrell 115/12 (D)	Volturno	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	0.00	0.00	0.11	1.93	3.40	MW	0.00%	0.00%
GNA_2023_132	DDOR_2023_D170	DDOR_2023_8314_579015	Garnet 115/33 (D)	Coachella	Reliability, Capacity	Circuit Outage Contingency Mitigation, New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	7.40	9.20	9.00	8.80	8.80	MW		
GNA_2023_134	DDOR_2023_D171	DDOR_2023_8314_579015	Garnet 115/33 (D)	Palmview	Capacity	New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	19.82	11.02	MW		
GNA_2023_135	DDOR_2023_D172	DDOR_2023_8314_579015	Garnet 115/33 (D)	Palmview	Reliability, Capacity	Circuit Outage Contingency Mitigation, New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	25.50	16.70	MW		
GNA_2023_136	DDOR_2023_D173	DDOR_2023_8314_579015	Garnet 115/33 (D)	Townhall	Reliability, Capacity	Circuit Outage Contingency Mitigation, New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	1.40	10.10	9.80	9.70	9.60	MW		
GNA_2023_295	DDOR_2023_D174	DDOR_2023_8321_243201	Santiago 66/33 (D)	Pantani	Reliability, Capacity	Circuit Outage Contingency Mitigation, New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	12/31/2023	7.70	9.30	11.70	14.80	16.20	MW		
GNA_2023_78	DDOR_2023_D175	DDOR_2023_8325_539012	Colonia 66/16 (D)	Beardsley	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 16 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	5.80	MW	0.00%	0.00%
GNA_2023_79	DDOR_2023_D176	DDOR_2023_8325_539012	Colonia 66/16 (D)	Broome	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 16 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	1.80	MW	0.00%	0.00%
GNA_2023_208	DDOR_2023_D177	DDOR_2023_8330	Newcomb 115/12 (D)	Bradley	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Substation Ca	Install (1) 28 MVA Transformer, Install (1)	Primary Feeder - New Distribution Line, Tranformer	6/1/2023	0.98	2.04	2.37	2.78	3.85	MW	9.11%	19.35%
GNA_2023_210	DDOR_2023_D178	DDOR_2023_8330	Newcomb 115/12 (D)	Lusk	Capacity	Increase Circuit Capacity, New Circuit	Install (1) 28 MVA Transformer, Install (1)	Primary Feeder - New Distribution Line, Tranformer	6/1/2023	1.87	2.20	2.28	2.33	2.30	MW	15.64%	18.39%
GNA_2023_311	DDOR_2023_D179	DDOR_2023_8330	Sun City 115/12 (D)	Equinox	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Substation Ca	Install (1) 28 MVA Transformer, Install (1)	Primary Feeder - New Distribution Line, Tranformer	6/1/2023	0.11	0.96	1.28	1.48	2.43	MW	0.95%	8.25%
GNA_2023_151	DDOR_2023_D180	DDOR_2023_8359_334552	Kimball 66/12 (D)	Havoc	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	1/1/2025	0.00	3.94	6.74	8.59	9.91	MW		
GNA_2023_152	DDOR_2023_D181	DDOR_2023_8359_334552	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	1/1/2025	0.00	5.13	14.57	6.22	6.72	MW	0.00%	42.89%
GNA_2023_153	DDOR_2023_D182	DDOR_2023_8359_334552	Kimball 66/12 (D)	Phantom	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	1/1/2025	0.00	0.00	1.91	0.00	0.00	MW	0.00%	0.00%
GNA_2023_151	DDOR_2023_D183	DDOR_2023_8359_334553	Kimball 66/12 (D)	Havoc	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	1/1/2025	0.00	3.94	6.78	8.59	9.91	MW		
GNA_2023_152	DDOR_2023_D184	DDOR_2023_8359_334553	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	1/1/2025	0.00	5.13	14.57	6.22	6.72	MW	0.00%	42.89%
GNA_2023_23	DDOR_2023_D185	DDOR_2023_8369	Baker 115/12 (D)	null	Capacity	Increase Substation Capacity	Upgrade (2) Substation Transformer	Substation - Transformer	12/31/2024	7.59	7.70	16.30	22.89	30.02	MW	150.60%	152.78%
GNA_2023_10	DDOR_2023_D186	DDOR_2023_8374_334561	Archibald 66/12 (D)	Borba	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.00	2.65	2.70	MW		
GNA_2023_11	DDOR_2023_D187	DDOR_2023_8374_334561	Archibald 66/12 (D)	Bravon	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	1.17	1.28	0.13	0.28	0.33	MW		
GNA_2023_13	DDOR_2023_D188	DDOR_2023_8374_334561	Archibald 66/12 (D)	Danish	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.00	0.72	0.76	MW	0.00%	0.00%
GNA_2023_16	DDOR_2023_D189	DDOR_2023_8374_334561	Archibald 66/12 (D)	Kropp	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.63	0.70	0.70	0.70	0.67	MW	5.27%	5.85%
GNA_2023_12	DDOR_2023_D190	DDOR_2023_8374_334562	Archibald 66/12 (D)	Creekside	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.00	0.00	0.24	MW	0.00%	0.00%
GNA_2023_15	DDOR_2023_D191	DDOR_2023_8374_334562	Archibald 66/12 (D)	Hofer	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	1.26	1.67	1.80	2.02	2.22	MW	13.03%	16.84%
GNA_2023_209	DDOR_2023_D192	DDOR_2023_8378_377668	Newcomb 115/12 (D)	Harnage	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2023	2.39	2.63	2.78	2.98	3.00	MW	19.98%	21.99%
GNA_2023_211	DDOR_2023_D193	DDOR_2023_8378_377668	Newcomb 115/12 (D)	Piedra	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2023	0.26	0.24	0.22	0.24	0.20	MW		
GNA_2023_17	DDOR_2023_D194	DDOR_2023_8383	Athens 16/4.16 (D)	null	Capacity	Increase Substation Capacity, Increase Circuit Capacity	Upgrade Switchrack, Replace Disconnect	Substation - Bus, Switch	6/1/2023	1.30	1.30	0.00	0.00	0.00	MW	21.31%	21.31%
GNA_2023_277	DDOR_2023_D195	DDOR_2023_8386_373837	Roadway 115/12 (D)	Kingpin	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2023	1.63	3.06	3.00	2.93	2.87	MW		
GNA_2023_275	DDOR_2023_D196	DDOR_2023_8386_373837	Roadway 115/12 (D)	Cummins	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2023	0.00	0.15	0.24	0.00	0.00	MW		
GNA_2023_278	DDOR_2023_D197	DDOR_2023_8386_473036	Roadway 115/12 (D)	Pegaso	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	12/31/2024	0.00	2.54	6.61	7.61	7.59	MW		
GNA_2023_279	DDOR_2023_D198	DDOR_2023_8386_473036	Roadway 115/12 (D)	Renault	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	12/31/2024	0.00	0.39	0.39	0.39	0.39	MW		
GNA_2023_280	DDOR_2023_D199	DDOR_2023_8386_573025	Roadway 115/12 (D)	Peterbilt	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	2.80	2.72	2.63	MW		
GNA_2023_305	DDOR_2023_D200	DDOR_2023_8387	Shawnee 66/12 (D)	null	Capacity	Increase Substation Capacity	Upgrade (1) Transformer	Substation - Transformer	6/1/2024	0.00	1.09	1.89	2.19	2.59	MW	0.00%	1.75%
	DDOR_2023_D201	DDOR_2023_8388	Hathaway 66/12 (D)	null	Capacity	Increase Substation Capacity	Upgrade Switchrack, Upgrade (1) Substat	Substation - Bus, Capacitor, Transformer	12/31/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_202	DDOR_2023_D202	DDOR_2023_8402	Naomi 16/4.16 (D)	null	Capacity	Increase Substation Capacity	Upgrade Switchrack	Substation - Switchrack	6/1/2023	0.10	0.10	0.50	0.50	0.50	MW	1.64%	1.64%
GNA_2023_327	DDOR_2023_D203	DDOR_2023_8459_372020	Tortilla 115/12 (D)	Patio	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/30/2023	3.22	3.37	3.43	3.48	3.52	MW	30.87%	32.31%
GNA_2023_150	DDOR_2023_D204	DDOR_2023_8464_434559	Kimball 66/12 (D)	Fortress	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	1.61	1.22	1.22	1.24	1.35	MW	14.54%	11.02%
GNA_2023_154	DDOR_2023_D205	DDOR_2023_8464_434559	Kimball 66/12 (D)	Warhawk	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	1.61	1.63	1.65	1.30	2.02	MW	15.42%	15.62%
	DDOR_2023_D206	DDOR_2023_8467	Kimball 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2024	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_152	DDOR_2023_D207	DDOR_2023_8467_434561	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2026	0.00	5.46	6.04	9.43	9.93	MW	0.00%	46.95%
GNA_2023_332	DDOR_2023_D208	DDOR_2023_8469_577046	Valley 115/12 (D)	Ethanac	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	1.04	3.00	3.20	MW	0.00%	0.00%
	DDOR_2023_D209	DDOR_2023_8469_577046	Valley 115/12 (D)	Jerry	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_5	DDOR_2023_D210	DDOR_2023_8478_473037	Aqueduct 115/12 (D)	Floodgate	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	1.70	1.30	1.24	0.78	1.41	MW	17.45%	12.91%
	DDOR_2023_D211	DDOR_2023_8478_473037	Aqueduct 115/12 (D)	Tunnel	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cable	Primary Feeder - Cable, Switch	6/1/2024	0.00	0.00	0.00	0.00	0.00	MW		
GNA_2023_7	DDOR_2023_D212	DDOR_2023_8478_473040	Aqueduct 115/12 (D)	Tunnel	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2024	0.00	0.00	0.00	0.00	0.13	MW		
GNA_2023_192	DDOR_2023_D213	DDOR_2023_8481	Mira Loma 66/12 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Transformer	Substation - Transformer	6/1/2025	0.00	3.72	14.33	30.26	35.09	MW	0.00%	5.11%
	DDOR_2023_D214	DDOR_2023_8496_434551	Kimball 66/12 (D)	Mosquito	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	12/31/2024	0.00	0.00	0.00	0.00	0.00	MW		
	DDOR_2023_D215	DDOR_2023_8496_434551	Kimball 66/12 (D)	Vengeance	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	12/31/2024	0.00	0.00	0.00	0.00	0.00	MW		
GNA_2023_48	DDOR_2023_D216	DDOR_2023_8501	Bullis 66/16 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	1.45	1.35	1.45	MW	0.00%	0.00%
GNA_2023_46	DDOR_2023_D217	DDOR_2023_8501_532018	Bullis 66/16 (D)	Atlantic	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	0.70	0.80	0.70	0.70	0.80	MW	5.38%	4.94%
GNA_2023_47	DDOR_2023_D218	DDOR_2023_8501_532018	Bullis 66/16 (D)	Colyer	Capacity	New Circuit	Install (1) New 16 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	4.30	4.20	6.60	6.50	6.50	MW	31.85%	31.11%
GNA_2023_26	DDOR_2023_D219	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Flatcar	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	1.74	2.72	4.13	4.35	4.24	MW	17.86%	27.93%
GNA_2023_27	DDOR_2023_D220	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Highball	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	1.52	1.41	1.41	1.41	1.52	MW	17.27%	15.93%
GNA_2023_28	DDOR_2023_D221	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Redball	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	2.61	2.83	1.96	2.28	2.28	MW		
GNA_2023_29	DDOR_2023_D222	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Spike	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	0.65	0.65	0.65	0.65	0.65	MW	6.65%	6.65%
GNA_2023_30	DDOR_2023_D223	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Turntable	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	0.43	1.20	0.00	0.00	0.54	MW		
GNA_2023_31	DDOR_2023_D224	DDOR_2023_8502_530023	Bloomington 66/12 (D)	Wigwag	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2025	0.87	1.30	0.33	0.98	1.09	MW	8.25%	12.75%
GNA_2023_316	DDOR_2023_D225	DDOR_2023_8505	Talbert 66/12 (D)	Raven	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Upgrade Swi	Primary Feeder - New Distribution Line	6/1/2025	1.60	1.60	1.50	1.50	1.40	MW	13.33%	13.33%
GNA_2023_146	DDOR_2023_D226	DDOR_2023_8511_543018	Irvine 66/12 (D)	Cadence	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.11	0.46	0.50	MW	0.00%	0.00%
	DDOR_2023_D227	DDOR_2023_8511_543018	Irvine 66/12 (D)	Great Park	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.00	0.00	0.00	MW		
GNA_2023_20	DDOR_2023_D228	DDOR_2023_8521_330809	Bain 66/12 (D)	Conning	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	12/31/2023	0.17	1.85	3.70	4.07	4.04	MW		
GNA_2023_66	DDOR_2023_D229	DDOR_2023_8526_534554	Chase 66/12 (D)	Diplomat	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line, Switch	6/1/2025	0.00	0.00	0.00	0.04	0.22	MW	0.00%	0.00%
GNA_2023_70	DDOR_2023_D230	DDOR_2023_8526_534554	Chase 66/12 (D)	Palace	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line, Switch	6/1/2025	2.20	2.87	3.59	4.04	3.98	MW	21.26%	28.22%
GNA_2023_71	DDOR_2023_D231	DDOR_2023_8526_534554	Chase 66/12 (D)	Weirick	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line, Switch	6/1/2025	0.00	0.72	0.70	0.67	0.61	MW		
GNA_2023_73	DDOR_2023_D232	DDOR_2023_8526_534554	Chase 66/12 (D)	Wyle	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line, Switch	6/1/2025	0.00	0.24	1.15	1.74	1.74	MW	0.00%	2.01%
GNA_2023_49	DDOR_2023_D233	DDOR_2023_8529_477076	Bunker 115/12 (D)	Carbine	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2024	0.74	1.39	1.52	1.59	1.65	MW	7.91%	15.04%
GNA_2023_50	DDOR_2023_D234	DDOR_2023_8529_477076	Bunker 115/12 (D)	Chaney	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2024	2.57	3.61	3.72	3.83	4.09	MW	24.88%	34.88%
GNA_2023_98	DDOR_2023_D235	DDOR_2023_8535_530024	Cucamonga 66/12 (D)	Mears	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Install (4) Ne	Primary Feeder - Switch; Substation - Capacitor	5/1/2025	4.30	5.30	5.30	5.30	5.30	MW	39.81%	49.07%
GNA_2023_242	DDOR_2023_D236	DDOR_2023_8537_473042	Phelan 115/12 (D)	Lotto	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Replace Cable, In	Primary Feeder - Cable	6/1/2024	1.30	1.26	1.17	1.13	1.15	MW	15.57%	15.09%
GNA_2023_241	DDOR_2023_D237	DDOR_2023_8537_473042	Phelan 115/12 (D)	Dealer	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Circuit Capacit	Construct Civil Projects, Replace Cable, In	Primary Feeder - Cable	6/1/2024	1.00	0.91	0.85	0.76	0.72	MW	11.74%	10.66%
GNA_2023_141	DDOR_2023_D238	DDOR_2023_8551	Goldtown 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit, Upgrade Swi	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	6.78	11.48	15.26	MW	0.00%	0.00%
GNA_2023_140	DDOR_2023_D239	DDOR_2023_8551_652012	Goldtown 66/12 (D)	Carbon	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.89	0.87	MW		
GNA_2023_216	DDOR_2023_D240	DDOR_2023_8552_451645	Oak Grove 66/12 (D)	Monson	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	10/1/2024	0.00	0.11	0.33	0.33	0.54	MW		
GNA_2023_103	DDOR_2023_D241	DDOR_2023_8553_551088	Delano 66/12 (D)	Osner	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.20	0.17	0.15	0.11	MW	0.00%	2.02%
GNA_2023_104	DDOR_2023_D242	DDOR_2023_8553_551088	Delano 66/12 (D)	Valente	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.11	2.89	2.85	2.80	MW		
GNA_2023_143	DDOR_2023_D243	DDOR_2023_8559	Haskell 66/16 (D)	null	Capacity	Increase Substation Capacity, New Circuit	Install (2) 28 MVA Substation Transforme	Primary Feeder - New Distribution Line; Substation - Tra	6/1/2025	0.00	0.00	10.68	11.18	11.58	MW	0.00%	0.00%
GNA_2023_177	DDOR_2023_D244	DDOR_2023_8559	Lockheed 66/16 (D)	null	Capacity	Increase Substation Capacity, New Circuit	Install (2) 28 MVA Substation Transforme	Primary Feeder - New Distribution Line; Substation - Tra	6/1/2025	0.00	0.00	0.00	0.00	0.45	MW	0.00%	0.00%
GNA_2023_178	DDOR_2023_D245	DDOR_2023_8559	Lockheed 66/16 (D)	Orion	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Substation Ca	Install (2) 28 MVA Substation Transforme	Primary Feeder - New Distribution Line; Substation - Tra	6/1/2025	1.50	1.50	1.50	0.00	0.00	MW	10.49%	10.49%
GNA_2023_179	DDOR_2023_D246	DDOR_2023_8559	Lockheed 66/16 (D)	Starfighter	Capacity (UCT)	Underground Cable Temperature Mitigation, Increase Substation Ca	Install (2) 28 MVA Substation Transforme	Primary Feeder - New Distribution Line; Substation - Tra	6/1/2025	0.00	0.00	0.40	1.40	2.10	MW	0.00%	0.00%
GNA_2023_292	DDOR_2023_D247	DDOR_2023_8560	Santa Monica 66/16 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transforme	Substation - Transformer	6/1/2026	0.00	0.00	3.88	11.47	19.82	MW	0.00%	0.00%
GNA_2023_341	DDOR_2023_D248	DDOR_2023_8562	Washington 66/12 (D)	null	Capacity	Increase Substation Capacity	Install (2) 28 MVA Substation Transforme	Substation - Transformer	6/1/2026	0.00	0.00	1.59	5.41	11.30	MW	0.00%	0.00%
GNA_2023_333	DDOR_2023_D249	DDOR_2023_8566	Vail 66/16 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transforme	Substation - Transformer	6/1/2026	0.00	0.00	1.80	5.60	11.10	MW	0.00%	0.00%

Deficiency %												
2025[a]	2026[a]	2027[a]	DER Eligible Service	LNBA Values	Residential Customer	Commercial Customer	Industrial Customer	Agricultural Customer	Other Customer	Notes	AACE Level of Cost Estimate	Project History
494.37%	494.97%	496.17%	YES	1224351.14 $/MW-year	618	54	0	0	136	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025	Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
263.83%	263.97%	264.75%	YES	1224351.14 $/MW-year	1284	81	0	0	256	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025	Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
299.56%	437.42%	437.42%	YES	1224351.14 $/MW-year	1008	71	0	0	193	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025	Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
490.22%	706.86%	706.86%	YES	1224351.14 $/MW-year	487	41	0	0	111	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025	Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
28.85%	28.85%	29.23%	NO	31542.97 $/MW-year	1170	347	0	0	376		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	1915	885	18	0	711		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
18.62%	18.60%	19.09%	NO	8112.86 $/MW-year	2177	1576	28	9	796		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
31.00%	31.00%	31.00%	NO	4348.63 $/MW-year	774	98	0	2	172		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	69291.49 $/MVAR-year	565	22	1	0	41		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
0.92%	16.08%	28.33%	NO	69291.49 $/MVAR-year	702	64	0	0	59		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			YES	26268.76 $/MVAR-year	0	2	0	0	9		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	26268.76 $/MVAR-year	0	0	0	0	3		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	26268.76 $/MVAR-year	0	0	0	0	3		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			YES	26268.76 $/MVAR-year	0	10	0	1	21		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	33341.50 $/MVAR-year	0	5	0	0	14		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
0.00%	0.00%	40.56%	YES	12548.38 $/MW-year	71	119	1	4	46		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	12.24%	YES	12548.38 $/MW-year	113	77	0	3	112		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
22.49%	26.38%	36.91%	NO	53734.79 $/MVAR-year	780	93	0	0	71		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
19.06%	19.48%	19.23%	NO	53734.79 $/MVAR-year	345	69	0	0	74		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
11.01%	12.49%	20.51%	NO	53734.79 $/MVAR-year	146	13	0	0	68		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	38832.44 $/MVAR-year	111	25	0	0	45		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
121.78%	51.98%	56.16%	NO	38832.44 $/MVAR-year	3	15	0	1	86		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
17.81%	0.00%	0.00%	NO	38832.44 $/MVAR-year	3	4	0	0	17		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
[redacted]			NO	37767.55 $/MVAR-year	111	25	0	0	45		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
121.78%	51.98%	56.16%	NO	37767.55 $/MVAR-year	3	15	0	1	86		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
323.41%	454.17%	595.63%	NO	22728.18 $/MVAR-year	45	82	0	0	174		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	153054.34 $/MVAR-year	24	25	0	0	81		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	153054.34 $/MVAR-year	714	23	0	0	71		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	6.69%	7.06%	NO	153054.34 $/MVAR-year	560	28	0	0	80		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
5.85%	5.85%	5.60%	NO	153054.34 $/MVAR-year	290	43	0	0	68		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	2.37%	NO	174449.50 $/MVAR-year	655	177	2	5	146		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
18.20%	20.65%	23.20%	NO	174449.50 $/MVAR-year	355	36	0	0	50		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
23.24%	24.92%	25.08%	NO	84038.38 $/MVAR-year	868	61	0	0	94		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	84038.38 $/MVAR-year	644	39	0	0	84		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.00%	0.00%	NO	899.62 $/MVAR-year	841	69	0	0	139		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	856178.23 $/MW-year	0	12	1	0	19		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	856178.23 $/MW-year	11	13	0	0	15		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	108376.17 $/MW-year	0	2	0	0	0		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
[redacted]			NO	108376.17 $/MW-year	0	11	0	0	9		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
[redacted]			NO	326778.38 $/MW-year	0	22	1	0	12		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
3.03%	3.51%	4.15%	NO	18759.11 $/MVAR-year	5226	850	10	5	606		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
0.00%	0.00%	0.00%	NO	0.00 $/MVAR-year	1959	765	0	2	637		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
8.20%	8.20%	8.20%	NO	6263.17 $/MVAR-year	797	164	0	0	182		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
32.89%	33.37%	33.75%	NO	99461.74 $/MVAR-year	208	47	0	1	149		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
10.98%	11.20%	12.28%	NO	62224.05 $/MVAR-year	660	29	0	1	101		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
15.83%	12.50%	18.68%	NO	62224.05 $/MVAR-year	494	48	0	1	61		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	0.00%	NO	11215.79 $/MVAR-year	2532	246	0	5	558		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
63.85%	99.68%	104.97%	YES	36458.33 $/MVAR-year	3	15	0	1	86		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
8.86%	25.55%	27.78%	YES	40349.31 $/MW-year	655	64	0	2	74		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	0.00%	YES	40349.31 $/MW-year	339	9	0	0	66		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
12.31%	7.43%	14.16%	NO	156513.07 $/MVAR-year	936	69	0	0	136		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
[redacted]			NO	156513.07 $/MVAR-year	416	71	3	0	132		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
[redacted]			NO	37489.75 $/MVAR-year	416	71	3	0	132		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
19.69%	41.58%	48.21%	NO	8897.41 $/MVAR-year	2835	369	0	0	437		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
[redacted]			NO	76708.26 $/MVAR-year	0	18	0	0	39		Cost estimate is generally equivalent to AACE Estimate Class 4	New
[redacted]			NO	76708.26 $/MVAR-year	224	40	0	1	79		Cost estimate is generally equivalent to AACE Estimate Class 4	New
1.76%	1.64%	1.76%	NO	103542.39 $/MVAR-year	2549	913	6	0	1141		Cost estimate is generally equivalent to AACE Estimate Class 5	New
4.32%	4.32%	4.94%	NO	126927.74 $/MVAR-year	692	128	0	0	221		Cost estimate is generally equivalent to AACE Estimate Class 5	New
48.89%	48.15%	48.15%	NO	126927.74 $/MVAR-year	497	169	0	0	236		Cost estimate is generally equivalent to AACE Estimate Class 5	New
42.49%	44.85%	43.53%	NO	60031.50 $/MVAR-year	392	123	1	0	111		Cost estimate is generally equivalent to AACE Estimate Class 5	New
16.02%	16.06%	17.18%	NO	60031.50 $/MVAR-year	859	49	0	0	107		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	60031.50 $/MVAR-year	135	29	1	0	27		Cost estimate is generally equivalent to AACE Estimate Class 5	New
6.66%	6.67%	6.69%	NO	60031.50 $/MVAR-year	619	42	1	0	98		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	60031.50 $/MVAR-year	146	77	1	0	85		Cost estimate is generally equivalent to AACE Estimate Class 5	New
2.95%	9.25%	10.40%	NO	60031.50 $/MVAR-year	1203	27	1	0	68		Cost estimate is generally equivalent to AACE Estimate Class 5	New
12.50%	12.50%	11.67%	NO	230940.45 $/MVAR-year	11	129	9	0	63		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.92%	3.85%	4.18%	NO	45607.77 $/MW-year	465	111	0	0	104		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	45607.77 $/MW-year	101	56	0	0	16		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	487.42 $/MVAR-year	0	16	0	0	35		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
0.00%	0.34%	1.89%	NO	143276.20 $/MVAR-year	405	39	2	0	47		Cost estimate is generally equivalent to AACE Estimate Class 5	New
35.30%	39.72%	39.13%	NO	143276.20 $/MVAR-year	253	114	1	0	47		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	143276.20 $/MVAR-year	475	110	1	0	79		Cost estimate is generally equivalent to AACE Estimate Class 5	New
9.62%	14.55%	14.55%	NO	143276.20 $/MVAR-year	631	160	1	0	123		Cost estimate is generally equivalent to AACE Estimate Class 5	New
16.45%	17.17%	17.82%	NO	75985.57 $/MVAR-year	173	85	2	0	98		Cost estimate is generally equivalent to AACE Estimate Class 3	New
35.87%	37.08%	40.90%	NO	75985.57 $/MVAR-year	39	51	3	0	90		Cost estimate is generally equivalent to AACE Estimate Class 3	New
49.07%	49.07%	49.07%	NO	47888.78 $/MW-year	273	129	0	0	100		Cost estimate is generally equivalent to AACE Estimate Class 5	New
13.98%	13.50%	13.74%	NO	18111.93 $/MVAR-year	1208	34	0	0	247		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
9.95%	8.90%	8.43%	NO	18111.93 $/MVAR-year	692	111	0	2	246		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
27.73%	46.95%	62.41%	YES	25646.06 $/MVAR-year	882	234	20	0	421		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	364589.85 $/MW-year	299	89	3	0	128		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	43325.54 $/MW-year	24	66	4	1	66		Cost estimate is generally equivalent to AACE Estimate Class 4	New
1.72%	1.51%	1.11%	NO	143384.10 $/MW-year	1132	31	0	4	104		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	143384.10 $/MW-year	1	5	0	1	38		Cost estimate is generally equivalent to AACE Estimate Class 5	New
8.15%	8.53%	8.84%	NO	26272.94 $/MW-year	8057	897	0	1	698		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.62%	NO	26272.94 $/MW-year	1927	535	2	5	393		Cost estimate is generally equivalent to AACE Estimate Class 5	New
10.49%	0.00%	0.00%	NO	26272.94 $/MW-year	638	60	0	0	49		Cost estimate is generally equivalent to AACE Estimate Class 5	New
2.47%	8.64%	12.96%	NO	26272.94 $/MW-year	874	93	0	0	191		Cost estimate is generally equivalent to AACE Estimate Class 5	New
5.39%	15.93%	27.52%	YES	5539.57 $/MW-year	2321	1479	2	0	1069		Cost estimate is generally equivalent to AACE Estimate Class 5	New
2.91%	9.89%	20.66%	YES	28399.48 $/MW-year	4028	1007	1	0	748		Cost estimate is generally equivalent to AACE Estimate Class 5	New
1.58%	4.91%	9.74%	YES	11885.73 $/MW-year	3361	1621	6	0	1331		Cost estimate is generally equivalent to AACE Estimate Class 5	New

										Deficiency (MW, MVAR or VPU)							
GNA ID	DDOR ID	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	Units	2023[B]	2024[B]
GNA_2023_119	DDOR_2023_D250	DDOR_2023_879027	Farrell 115/12 (D)	Alvera	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cond	Primary Feeder - Overhead Conductor	9/30/2023	0.11	0.00	0.00	0.00	0.00	MW	[redacted]	
GNA_2023_120	DDOR_2023_D251	DDOR_2023_879027	Farrell 115/12 (D)	Date Palm	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cond	Primary Feeder - Overhead Conductor	9/30/2023	0.87	0.76	0.65	0.65	0.65	MW	9.25%	8.15%
GNA_2023_121	DDOR_2023_D252	DDOR_2023_879027	Farrell 115/12 (D)	Fey	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cond	Primary Feeder - Overhead Conductor	9/30/2023	1.30	1.30	1.30	1.20	1.20	MW	13.14%	13.20%
GNA_2023_122	DDOR_2023_D253	DDOR_2023_879027	Farrell 115/12 (D)	Garbo	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cond	Primary Feeder - Overhead Conductor	9/30/2023	1.30	0.98	0.87	0.87	0.76	MW	14.30%	10.48%
GNA_2023_123	DDOR_2023_D254	DDOR_2023_879027	Farrell 115/12 (D)	Skelton	Capacity (UCT)	Underground Cable Temperature Mitigation	Install New Conductor, Construct Civil Prc	Primary Feeder - Overhead Conductor	9/30/2023	0.33	0.22	0.22	0.22	0.22	MW	3.22%	2.13%
GNA_2023_124	DDOR_2023_D255	DDOR_2023_879027	Farrell 115/12 (D)	Tortuga	Capacity (UCT)	Underground Cable Temperature Mitigation	Construct Civil Projects, Install New Cond	Primary Feeder - Cable, Overhead Conductor	9/30/2023	0.33	0.22	0.22	0.22	0.11	MW	3.53%	2.29%
	DDOR_2023_D256	DDOR_2023_927318	Arroyo 16/4.16 (D)	Berkshire	Capacity (UCT)	Underground Cable Temperature Mitigation, Project To Facilitate Lo	4 kV to 16kV Conversion, Remove (45) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2023	0.00	0.00	0.00	0.00	0.00	MW	[redacted]	
	DDOR_2023_D257	DDOR_2023_927318	La Canada 16/4.16 (D)	Flintridge	Capacity	Project To Facilitate Transformer Conversion	4 kV to 16kV Conversion, Remove (45) 4k	Primary Feeder - Overhead Conductor, Transformer	6/1/2023	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_148	DDOR_2023_D258	DDOR_2023_953002	Isabella 66/12 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project to Address Voltage Concern,	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	12/31/2024	0.94	0.94	0.94	0.94	0.94	Vpu	94.08%	94.08%
GNA_2023_342	DDOR_2023_D259	DDOR_2023_953002	Weldon 66/12 (D)	null	Reliability, Capacity	Outage Contingency Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	12/31/2024	4.50	4.50	4.40	4.40	4.40	MW	11.08%	11.08%
GNA_2023_149	DDOR_2023_D260	DDOR_2023_DSP28304_588018	Ivyglen 115/12 (D)	Conestoga	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	11.17	11.15	MW	0.00%	0.00%
GNA_2023_134	DDOR_2023_D261	DDOR_2023_DSP33061_479085	Garnet 115/33 (D)	Palmview	Capacity	New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	11.00	MW	[redacted]	
GNA_2023_348	DDOR_2023_D262	DDOR_2023_DSP33808_231755	Yucaipa 66/12 (D)	Conine	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit, Construct Ci	Primary Feeder - New Distribution Line	6/1/2023	0.09	0.98	2.65	2.20	3.07	MW	1.12%	15.88%
GNA_2023_348	DDOR_2023_D263	DDOR_2023_DSP33809_631068	Yucaipa 66/12 (D)	Conine	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	4/1/2026	0.00	0.00	0.00	6.80	11.22	MW	0.00%	0.00%
	DDOR_2023_D264	DDOR_2023_DSP35713_530027	Bain 66/12 (D)	Ben Nevis	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_21	DDOR_2023_D265	DDOR_2023_DSP35713_530027	Bain 66/12 (D)	Heftler	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.43	1.22	1.41	1.89	3.30	MW	[redacted]	
GNA_2023_83	DDOR_2023_D266	DDOR_2023_DSP35727	Concho 115/12 (D)	null	Capacity	New Circuit	Install (2) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	9.49	16.69	17.19	MW	0.00%	0.00%
GNA_2023_84	DDOR_2023_D267	DDOR_2023_DSP35727	Concho 115/12 (D)	Pistola	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (2) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	0.00	0.00	9.24	16.41	16.85	MW	0.00%	0.00%
GNA_2023_312	DDOR_2023_D268	DDOR_2023_DSP35747	Sunnyside 66/12 (D)	null	Capacity	Increase Substation Capacity	Replace Disconnect Switch	Substation - Switch	12/31/2025	1.90	9.40	13.20	12.87	13.87	MW	2.80%	13.84%
GNA_2023_252	DDOR_2023_D269	DDOR_2023_DSP35923_473038	Rancho 33/12 (D)	Knolls	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Replace Cable, Construct	Primary Feeder - Cable, Switch	12/31/2024	1.46	1.46	1.48	1.48	1.43	MW	17.96%	17.96%
GNA_2023_253	DDOR_2023_D270	DDOR_2023_DSP35923_473038	Rancho 33/12 (D)	Marianna	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Replace Cable, Construct	Primary Feeder - Cable, Switch	12/31/2024	0.65	0.65	0.67	0.70	0.72	MW	6.36%	6.31%
GNA_2023_254	DDOR_2023_D271	DDOR_2023_DSP35923_473038	Rancho 33/12 (D)	Standing Rock	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Replace Cable, Construct	Primary Feeder - Cable, Switch	12/31/2024	0.02	0.07	0.04	0.02	0.02	MW	0.21%	0.75%
GNA_2023_255	DDOR_2023_D272	DDOR_2023_DSP35923_473038	Rancho 33/12 (D)	Yucca Loma	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Replace Cable, Construct	Primary Feeder - Cable, Switch	12/31/2024	1.30	1.39	1.43	1.46	1.50	MW	15.13%	16.18%
GNA_2023_256	DDOR_2023_D273	DDOR_2023_DSP35923_473038	Rancho 33/12 (D)	Symeron	Capacity (UCT)	Underground Cable Temperature Mitigation	Reroute Circuit, Replace Cable, Construct	Primary Feeder - Cable, Switch	12/31/2024	1.61	1.63	1.61	1.59	1.54	MW	18.99%	19.27%
	DDOR_2023_D274	DDOR_2023_DSP35933	Archibald 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_13	DDOR_2023_D275	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Danish	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
	DDOR_2023_D276	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Swiss	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
	DDOR_2023_D277	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Fujiyama	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_191	DDOR_2023_D278	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Matterhorn	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	1.20	MW	[redacted]	
GNA_2023_197	DDOR_2023_D279	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Korea	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.43	MW	0.00%	0.00%
GNA_2023_198	DDOR_2023_D280	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Siam	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.43	MW	0.00%	0.00%
	DDOR_2023_D281	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Sudan	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.00	MW	[redacted]	
GNA_2023_199	DDOR_2023_D282	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Taiwan	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	1.91	MW	0.00%	0.00%
GNA_2023_6	DDOR_2023_D283	DDOR_2023_DSP35973	Aqueduct 115/12 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transforme	Substation - Transformer	6/1/2027	0.00	0.00	0.00	0.00	4.06	MW	0.00%	0.00%
GNA_2023_130	DDOR_2023_D284	DDOR_2023_DSP35986	Francis 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	3.85	4.02	4.61	4.67	8.13	MW	3.70%	3.87%
GNA_2023_128	DDOR_2023_D285	DDOR_2023_DSP35986_634069	Francis 66/12 (D)	Kadota	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	1.50	1.65	MW	0.00%	0.00%
GNA_2023_129	DDOR_2023_D286	DDOR_2023_DSP35986_634070	Francis 66/12 (D)	Marbuck	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.63	1.39	1.63	1.91	2.44	MW	5.27%	11.63%
GNA_2023_34	DDOR_2023_D287	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Chanslor	Capacity	Increase Substation Capacity, New Circuit	Install (1) New 84 MVA Transformer, Inst	Primary Feeder - New Distribution Line, Transformer	6/1/2026	0.00	3.70	3.60	5.70	7.90	MW	0.00%	11.25%
	DDOR_2023_D288	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Lagoon	Capacity	Increase Substation Capacity, New Circuit	Install (1) New 84 MVA Transformer, Inst	Primary Feeder - New Distribution Line, Transformer	6/1/2026	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
	DDOR_2023_D289	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Neighbors	Capacity	Increase Substation Capacity, New Circuit	Install (1) New 84 MVA Transformer, Inst	Primary Feeder - New Distribution Line, Transformer	6/1/2026	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_35	DDOR_2023_D290	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	null	Capacity	Increase Substation Capacity, New Circuit	Install (1) New 84 MVA Transformer, Inst	Primary Feeder - New Distribution Line, Transformer	6/1/2026	0.00	7.70	7.70	14.30	20.70	MW	0.00%	8.19%
GNA_2023_153	DDOR_2023_D291	DDOR_2023_DSP36006_634064	Kimball 66/12 (D)	Phantom	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.70	3.17	3.17	MW	0.00%	0.00%
	DDOR_2023_D292	DDOR_2023_DSP36012	Archibald 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_13	DDOR_2023_D293	DDOR_2023_DSP36012_634065	Archibald 66/12 (D)	Danish	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	10.13	10.20	MW	0.00%	0.00%
GNA_2023_264	DDOR_2023_D294	DDOR_2023_DSP36015	Repetto 66/16 (D)	null	Capacity	New Circuit	Install (1) New 16 kV Circuit	Primary Feeder - New Distribution Line	6/1/2025	1.50	1.87	1.78	1.67	1.54	MW	1.59%	1.99%
GNA_2023_344	DDOR_2023_D295	DDOR_2023_DSP36066	West Riverside 33/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.28	6.87	10.89	MW	0.00%	0.00%
GNA_2023_137	DDOR_2023_D296	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Anderson	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.22	0.46	0.46	0.43	0.39	MW	1.98%	4.25%
GNA_2023_138	DDOR_2023_D297	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Blackhills	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.52	0.48	0.43	0.41	MW	0.00%	4.74%
GNA_2023_139	DDOR_2023_D298	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Galena	Capacity (UCT)	Underground Cable Temperature Mitigation, New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.37	0.59	0.59	0.57	0.57	MW	3.35%	5.45%
GNA_2023_345	DDOR_2023_D299	DDOR_2023_DSP36066_430012	West Riverside 33/12 (D)	Winnebago	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	1.93	2.90	MW	[redacted]	
GNA_2023_345	DDOR_2023_D300	DDOR_2023_DSP36066_630037	West Riverside 33/12 (D)	Winnebago	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	4.09	7.62	MW	[redacted]	
GNA_2023_267	DDOR_2023_S1	DDOR_2023_4992	Rio Hondo 220/66 (S)	null	Capacity	Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	0.00	0.20	0.60	0.70	0.70	MW	0.00%	0.24%
GNA_2023_334	DDOR_2023_S2	DDOR_2023_6092	Valley 'EFG' 500/115 (S)	null	Capacity	New Substation	Construct (1) New 500/115 kV Substation	Substation - New Substation	6/1/2029	223.40	235.20	246.40	269.10	287.70	MW	24.93%	26.25%
GNA_2023_302	DDOR_2023_S3	DDOR_2023_6652	Saugus-Elizabeth Lake-MWD Foothill 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2024	0.00	0.00	4.30	6.30	9.00	MW	0.00%	0.00%
GNA_2023_112	DDOR_2023_S4	DDOR_2023_6698	Elizabeth Lake - Pitchgen 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2027	0.00	0.00	0.00	0.00	0.70	MW	0.00%	0.00%
GNA_2023_261	DDOR_2023_S5	DDOR_2023_6871	Rector - Riverway 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2028	15.75	18.15	15.75	16.25	17.15	MW	11.11%	12.80%
	DDOR_2023_S6	DDOR_2023_6871	Rector - Oak Grove 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2028	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_109	DDOR_2023_S7	DDOR_2023_8156	Eisenhower 115/33 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project To Address Voltage Concern	Install (1) 14.4 MVAR Capacitor Bank	Substation - Capacitor	6/1/2023	0.96	0.96	0.96	0.96	0.95	Vpu	96.20%	96.00%
GNA_2023_324	DDOR_2023_S8	DDOR_2023_8156	Thornhill 115/12 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project To Address Voltage Concern	Install (1) 14.4 MVAR Capacitor Bank	Substation - Capacitor	6/1/2023	0.96	0.96	0.96	0.96	0.95	Vpu	96.10%	96.00%
GNA_2023_115	DDOR_2023_S9	DDOR_2023_8236	Etiwanda 220/66 (S)	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Substation Capacity	Replace Relay	Substation - Switch	6/30/2023	0.00	3.40	16.60	25.50	30.60	MW	0.00%	0.51%
GNA_2023_303	DDOR_2023_S10	DDOR_2023_8251	Saugus-Newhall No. 1 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation	Increase Cable Size	Substation - Subtransmission Cable	12/31/2023	11.90	12.70	16.20	19.20	21.60	MW	10.26%	10.95%
GNA_2023_303	DDOR_2023_S11	DDOR_2023_8251	Saugus-Newhall No. 1 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation	Increase Cable Size	Substation - Overhead Conductor	12/31/2023	11.90	12.70	16.20	19.20	21.60	MW	10.26%	10.95%
GNA_2023_301	DDOR_2023_S12	DDOR_2023_8252	Saugus-Colossus-Lockheed-Pitchgen 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation	Increase Conductor Size	Substation - Overhead Conductor	6/1/2024	0.00	1.20	4.50	6.50	8.60	MW	0.00%	1.45%
GNA_2023_107	DDOR_2023_S13	DDOR_2023_8253	Edwards 115/33 (D)	null	Voltage	Project To Address Voltage Concern	Install (1) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2024	0.93	0.87	0.87	0.87	0.87	Vpu	[redacted]	
GNA_2023_108	DDOR_2023_S14	DDOR_2023_8403	Edwards-Holgate-Southbase 115 kV	null	Capacity	Increase Line Capacity	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2024	0.00	29.00	16.00	16.00	15.40	MW	0.00%	20.00%
GNA_2023_108	DDOR_2023_S15	DDOR_2023_8403	Edwards-Holgate-Southbase 115 kV	null	Capacity	Increase Line Capacity	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2024	0.00	13.00	13.00	13.00	12.40	MW	0.00%	15.66%
GNA_2023_289	DDOR_2023_S16	DDOR_2023_8425	Santa Clara - Colonia 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	5.00	10.00	MW	0.00%	0.00%
GNA_2023_62	DDOR_2023_S17	DDOR_2023_8438	Channel Island 66/16 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project To Address Voltage Concern	Install (2) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	0.94	0.94	Vpu	0.00%	0.00%
	DDOR_2023_S18	DDOR_2023_8438	Santa Clara 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Concern	Install (2) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	0.00	0.00	MVAR	0.00%	0.00%
GNA_2023_117	DDOR_2023_S19	DDOR_2023_8477	Etiwanda 'W' 220/66 (S)	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install (2) 66 kV Circuit Breaker	Substation - Circuit Breaker	6/1/2024	24.28	24.60	27.26	27.38	27.80	MW	17.72%	17.96%
GNA_2023_116	DDOR_2023_S20	DDOR_2023_8507	Etiwanda 'E' 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Concern	Install (2) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2024	25.30	0.00	3.90	8.00	8.90	MVAR	175.69%	0.00%
GNA_2023_297	DDOR_2023_S21	DDOR_2023_8509	Saugus - Haskell 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	0.00	0.00	5.50	7.20	9.00	MW	0.00%	0.00%
GNA_2023_249	DDOR_2023_S22	DDOR_2023_8514	Quartz Hill 66/12 (D)	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	0.00	0.00	13.43	13.42	13.72	MW	0.00%	0.00%
GNA_2023_220	DDOR_2023_S23	DDOR_2023_8515	Oasis 66/12 (D)	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Substation Capacity	Increase Conductor Size	Substation - Conductor	6/1/2024	0.00	0.00	11.21	11.34	11.53	MW	0.00%	0.00%
GNA_2023_250	DDOR_2023_S24	DDOR_2023_8532	Quinn 66/12 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project To Address Voltage Concern	Install (1) New 14.4 MVAR Capacitor	Substation - Capacitor	6/1/2023	0.94	0.94	0.94	0.94	0.94	Vpu	94.20%	94.10%
GNA_2023_206	DDOR_2023_S25	DDOR_2023_8534	Neenach 66/12 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project To Address Voltage Concern	Install (1) New 14.4 MVAR Capacitor	Substation - Capacitor	12/31/2024	0.92	0.92	0.92	0.92	0.92	Vpu	[redacted]	
GNA_2023_290	DDOR_2023_S26	DDOR_2023_TSP ABank36183	Santa Clara 220/66 (S)	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Substation Capacity	Install (1) New 280 MVA Substation Trans	Substation - Transformer	6/1/2027	0.00	0.00	0.00	0.00	19.43	MW	0.00%	0.00%
GNA_2023_155	DDOR_2023_S27	DDOR_2023_TSP STL34903	La Cienega - El Nido - Tahiti 66 kV	null	Capacity	Increase Line Capacity	Open Shields on 66 kV SubTransmission L	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	1.40	4.10	MW	0.00%	0.00%
GNA_2023_144	DDOR_2023_S28	DDOR_2023_TSP STL35270	Icegen - Jersey - Nola 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Open Shields on 66 kV SubTransmission L	Substation - New Subtransmission Line	12/1/2023	3.00	3.00	5.00	5.00	5.00	MW	4.62%	4.62%
GNA_2023_194	DDOR_2023_S29	DDOR_2023_TSP STL36094	Mira Loma-Archibald-Bain-Metalcan 66kV	null	Reliability, Capacity	Outage Contingency Mitigation, Project to Facilitate Load Transfer	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	8.00	11.00	16.00	27.00	27.00	MW	4.76%	6.55%
GNA_2023_195	DDOR_2023_S30	DDOR_2023_TSP STL36094	Mira Loma-Archibald 66kV	null	Reliability, Capacity	Outage Contingency Mitigation, Project to Facilitate Load Transfer	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	0.00	0.00	8.00	18.00	18.00	MW	0.00%	0.00%
GNA_2023_195	DDOR_2023_S31	DDOR_2023_TSP STL36094	Mira Loma-Archibald 66kV	null	Reliability, Capacity	Outage Contingency Mitigation, Project to Facilitate Load Transfer	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2025	0.00	0.00	0.00	14.00	13.00	MW	0.00%	0.00%
GNA_2023_196	DDOR_2023_S32	DDOR_2023_TSP STL36098	Mira Loma-Corona 66kV	null	Capacity	Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	3.00	4.00	MW	0.00%	0.00%
GNA_2023_226	DDOR_2023_S33	DDOR_2023_TSP STL36100	Padua-San Antonio 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install (1) New 66kV Circuit Breaker	Substation - Circuit Breaker	6/1/2024	0.00	138.90	138.30	138.50	139.30	MW	0.00%	101.39%
GNA_2023_60	DDOR_2023_S34	DDOR_2023_TSP STL36138	Cardiff-Del Rosa 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2023	5.91	6.70	8.85	8.22	9.82	MW	4.77%	5.40%
GNA_2023_338	DDOR_2023_S35	DDOR_2023_TSP STL36147	Vista-Bloomington-Glen Avon 66 kV	null	Capacity	Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2024	0.00	0.00	0.00	5.62	7.94	MW	0.00%	0.00%
GNA_2023_339	DDOR_2023_S36	DDOR_2023_TSP STL36147	Vista-Bloomington-Glen Avon 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2024	0.00	0.46	10.67	21.74	26.22	MW	0.00%	0.74%
GNA_2023_340	DDOR_2023_S37	DDOR_2023_TSP STL36149	Vista-Calectric 115 kV	null	Capacity	Increase Line Capacity	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	12/31/2025	0.00	5.97	7.83	5.76	7.57	MW	0.00%	3.26%
	DDOR_2023_S38	DDOR_2023_TSP STL36149	Vista-Calectric 115 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increase Line Capacity	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	12/31/2025	0.00	0.00	0.00	0.00	0.00	MW	0.00%	0.00%
GNA_2023_296	DDOR_2023_S39	DDOR_2023_TSP STL36152	Santiago-Irvine No.2 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2027	0.00	0.00	0.00	0.00	0.82	MW	0.00%	0.00%
GNA_2023_58	DDOR_2023_S40	DDOR_2023_TSP STL36171	Calectric-Highgrove No. 2 115 kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 115kV Subtransmission Line	Substation - New Subtransmission Line	12/31/2025	0.00	3.18	5.30	4.24	5.30	MW	0.00%	3.00%
GNA_2023_189	DDOR_2023_S41	DDOR_2023_TSP STV33984	Mira Loma 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Concern	Install (1) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2025	0.00	0.00	2.90	18.40	22.90	MVAR	0.00%	0.00%
GNA_2023_268	DDOR_2023_S42	DDOR_2023_TSP STV36155	Rio Hondo 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Concern	Install (1) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	20.40	22.40	MVAR	0.00%	0.00%
GNA_2023_4	DDOR_2023_DV1	DDOR_2023_2023 DVAR Plan_1	Anaverde 66/12 (D)	Pelona	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.01	0.03	0.03	0.03	0.03	MVAR	1.14%	5.09%
GNA_2023_101	DDOR_2023_DV2	DDOR_2023_2023 DVAR Plan_10	Del Rosa 66/12 (D)	Carpenter	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.18	0.18	0.13	0.13	0.09	MVAR	[redacted]	

Deficiency %												
2025[a]	2026[a]	2027[a]	DER Eligible Service	LNBA Values	Residential Customer	Commercial Customer	Industrial Customer	Agricultural Customer	Other Customer	Notes	AACE Level of Cost Estimate	Project History
[redacted]			NO	26368.75 $/MW-year	565	22	1	0	41		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
6.91%	6.91%	6.91%	NO	26368.75 $/MW-year	529	47	0	0	43		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
13.22%	12.13%	12.16%	NO	26368.75 $/MW-year	773	59	0	0	124		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
9.23%	9.27%	8.03%	NO	26368.75 $/MW-year	430	91	0	0	106		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
2.14%	2.14%	2.14%	NO	26368.75 $/MW-year	747	114	0	0	35		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
2.28%	2.29%	1.14%	NO	26368.75 $/MW-year	531	125	7	0	90		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
[redacted]			NO	0.00 $/MW-year	45	4	0	0	12		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.00%	0.00%	NO	0.00 $/MW-year	64	8	0	0	25		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
94.08%	94.08%	94.08%	NO	234531.99 $/MW-year	1573	309	0	6	895		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
10.84%	10.84%	10.84%	NO	234531.99 $/MW-year	375	50	0	0	262		Cost estimate is generally equivalent to AACE Estimate Class 4	Existing
0.00%	93.39%	93.23%	YES	4941.63 $/MW-year	455	107	0	2	78		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	22127.57 $/MW-year	0	0	0	0	3		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
37.06%	39.08%	25.58%	NO	159443.00 $/MW-year	773	71	0	0	114		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	71.28%	117.61%	YES	1968.97 $/MW-year	773	71	0	0	114		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	NO	80893.88 $/MW-year	420	36	0	0	101		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			NO	80893.88 $/MW-year	62	75	4	0	47		Cost estimate is generally equivalent to AACE Estimate Class 5	New
13.16%	23.15%	23.84%	NO	16585.67 $/MW-year	3124	900	1	0	820		Cost estimate is generally equivalent to AACE Estimate Class 5	New
78.11%	138.72%	142.80%	NO	16585.67 $/MW-year	544	149	1	0	77		Cost estimate is generally equivalent to AACE Estimate Class 5	New
19.43%	18.95%	20.42%	NO	1125.66 $/MW-year	2683	736	3	1	936		Cost estimate is generally equivalent to AACE Estimate Class 5	New
18.20%	18.20%	17.55%	NO	42080.69 $/MW-year	708	72	6	0	148		Cost estimate is generally equivalent to AACE Estimate Class 5	New
6.50%	6.80%	6.99%	NO	42080.69 $/MW-year	207	12	0	0	43		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.43%	0.21%	0.21%	NO	42080.69 $/MW-year	983	39	0	0	185		Cost estimate is generally equivalent to AACE Estimate Class 5	New
16.65%	17.00%	17.46%	NO	42080.69 $/MW-year	604	12	0	0	117		Cost estimate is generally equivalent to AACE Estimate Class 5	New
19.03%	18.79%	18.20%	NO	42080.69 $/MW-year	549	52	0	0	123		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	28087.38 $/MW-year	4393	512	2	16	836		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	35075.76 $/MW-year	560	28	0	0	80		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	35075.76 $/MW-year	226	11	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	35075.76 $/MW-year	577	29	0	0	46		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	35075.76 $/MW-year	196	63	0	0	27		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	4.78%	YES	38424.17 $/MW-year	803	43	0	0	83		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	4.76%	YES	38424.17 $/MW-year	631	86	0	0	89		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	38424.17 $/MW-year	821	101	0	0	95		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	19.69%	YES	38424.17 $/MW-year	291	73	0	0	100		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	3.80%	YES	22454.27 $/MW-year	7185	617	3	0	1239		Cost estimate is generally equivalent to AACE Estimate Class 5	New
4.44%	4.50%	7.83%	YES	68663.82 $/MW-year	6503	963	5	3	1365		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	12.54%	13.81%	YES	127638.96 $/MW-year	1323	230	0	1	191		Cost estimate is generally equivalent to AACE Estimate Class 5	New
13.63%	15.99%	20.36%	YES	135042.02 $/MW-year	507	94	0	0	189		Cost estimate is generally equivalent to AACE Estimate Class 5	New
10.94%	17.33%	24.01%	YES	24604.94 $/MW-year	0	0	0	0	7		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	24604.94 $/MW-year	0	0	0	0	0		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	24604.94 $/MW-year	0	0	0	0	0		Cost estimate is generally equivalent to AACE Estimate Class 5	New
8.19%	15.20%	22.00%	YES	24604.94 $/MW-year	0	0	0	0	8		Cost estimate is generally equivalent to AACE Estimate Class 5	New
5.82%	26.54%	26.54%	YES	113208.07 $/MW-year	3	4	0	0	17		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	0.00%	YES	10875.70 $/MW-year	4393	512	2	16	836		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	91.02%	91.81%	YES	16503.99 $/MW-year	560	28	0	0	80		Cost estimate is generally equivalent to AACE Estimate Class 5	New
1.89%	1.78%	1.64%	NO	36373.84 $/MW-year	3044	943	3	2	1025		Cost estimate is generally equivalent to AACE Estimate Class 5	New
1.54%	37.75%	59.84%	YES	23945.03 $/MW-year	322	112	4	0	131		Cost estimate is generally equivalent to AACE Estimate Class 5	New
4.25%	3.97%	3.60%	YES	69655.71 $/MW-year	194	7	0	0	21		Cost estimate is generally equivalent to AACE Estimate Class 5	New
4.37%	3.92%	3.73%	YES	69655.71 $/MW-year	505	40	0	0	104		Cost estimate is generally equivalent to AACE Estimate Class 5	New
5.45%	5.26%	5.26%	YES	69655.71 $/MW-year	231	12	0	0	65		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	69655.71 $/MW-year	247	37	0	0	64		Cost estimate is generally equivalent to AACE Estimate Class 5	New
[redacted]			YES	48934.81 $/MW-year	247	37	0	0	64		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.71%	0.83%	0.83%	NO	58085.67 $/MW-year	32193	8298	73	6	7961		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
27.50%	30.03%	32.11%	YES	138477.21 $/MW-year	66795	9857	20	38	9403	CAISO: Approval 2009 SCE: Filed third amended PEA June 2023	Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
5.18%	7.59%	10.84%	NO	10842.03 $/MW-year	4972	1619	10	2	1339		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	0.00%	0.84%	YES	244088.01 $/MW-year	2509	542	5	2	537		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
11.11%	11.46%	12.10%	YES	115180.55 $/MW-year	11929	825	1	162	2016	CAISO: N/A SCE: Licensing activities under internal consideration	Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
0.00%	0.00%	0.00%	YES	115180.55 $/MW-year	9434	1374	24	148	2087	CAISO: N/A SCE: Licensing activities under internal consideration	Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
95.80%	95.50%	95.30%	NO	130788.69 $/Vpu-year	0	0	0	0	6		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
95.80%	95.50%	95.20%	NO	130788.69 $/Vpu-year	1836	750	4	0	536		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
2.50%	3.85%	4.62%	NO	533.45 $/MW-year	48928	4804	66	11	5946		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
13.97%	16.55%	18.62%	NO	9465.27 $/MW-year	8559	2505	5	5	1867		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
13.97%	16.55%	18.62%	NO	9465.27 $/MW-year	8559	2505	5	5	1867		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
5.42%	7.83%	10.36%	NO	37337.99 $/MW-year	4390	1612	7	5	1217		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
[redacted]			NO	107898.88 $/Vpu-year	4	2	0	0	4		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
20.00%	20.00%	19.25%	NO	339.31 $/MW-year	225	12	1	0	63		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
15.66%	15.66%	14.94%	NO	339.31 $/MW-year	225	12	1	0	63		Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
0.00%	6.02%	12.05%	YES	53756.63 $/MW-year	1828	1390	4	22	783		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
0.00%	93.50%	93.80%	YES	32355.82 $/Vpu-year	5034	1191	3	7	1262		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	0.00%	0.00%	YES	32355.82 $/Vpu-year	36099	12217	46	252	10717		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
19.90%	19.99%	20.29%	NO	550.25 $/MW-year	48928	4804	66	11	5946		Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
27.08%	55.56%	61.81%	NO	3104.28 $/MVAR-year	48928	4804	66	11	5946		Cost estimate is generally equivalent to AACE Estimate Class 2	New
4.44%	5.81%	7.26%	NO	21133.64 $/MW-year	10520	1974	5	1	1500		Cost estimate is generally equivalent to AACE Estimate Class 1	New
9.47%	9.47%	9.68%	NO	15194.01 $/MW-year	5798	256	1	5	615		Cost estimate is generally equivalent to AACE Estimate Class 1	New
10.32%	10.44%	10.62%	NO	208.83 $/MW-year	6360	696	12	3	903		Cost estimate is generally equivalent to AACE Estimate Class 4	New
94.20%	94.10%	94.10%	NO	112438.67 $/Vpu-year	34	41	0	70	176		Cost estimate is generally equivalent to AACE Estimate Class 1	New
[redacted]			NO	113772.31 $/Vpu-year	205	54	1	0	225		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	0.00%	3.21%	YES	35574.41 $/MW-year	36099	12217	46	252	10717		Cost estimate is generally equivalent to AACE Estimate Class 5	New
0.00%	2.46%	7.19%	YES	615.00 $/MW-year	19785	9594	17	13	7816		Cost estimate is generally equivalent to AACE Estimate Class 2	New
7.69%	7.69%	7.69%	NO	1415.57 $/MW-year	2245	998	15	0	946		Cost estimate is generally equivalent to AACE Estimate Class 1	New
9.52%	16.07%	16.07%	NO	2446.29 $/MW-year	8998	1205	17	16	1777		Cost estimate is generally equivalent to AACE Estimate Class 1	New
4.76%	10.71%	10.71%	NO	2446.29 $/MW-year	7228	881	2	16	1273		Cost estimate is generally equivalent to AACE Estimate Class 1	New
0.00%	8.33%	7.74%	NO	2446.29 $/MW-year	7228	881	2	16	1273		Cost estimate is generally equivalent to AACE Estimate Class 1	New
0.00%	2.40%	3.20%	YES	85946.75 $/MW-year	2839	375	9	0	474		Cost estimate is generally equivalent to AACE Estimate Class 2	New
100.95%	101.09%	101.68%	NO	77.23 $/MW-year	16782	2958	9	8	2729		Cost estimate is generally equivalent to AACE Estimate Class 3	New
7.14%	6.63%	7.92%	NO	18291.89 $/MW-year	12155	1854	3	6	2894		Cost estimate is generally equivalent to AACE Estimate Class 1	New
0.00%	12.22%	17.26%	NO	2673.91 $/MW-year	16041	1662	15	6	2913		Cost estimate is generally equivalent to AACE Estimate Class 1	New
17.21%	35.06%	42.29%	NO	2673.91 $/MW-year	16041	1662	15	6	2913		Cost estimate is generally equivalent to AACE Estimate Class 1	New
4.28%	3.15%	4.14%	NO	28539.05 $/MW-year	40420	4103	14	17	7024		Cost estimate is generally equivalent to AACE Estimate Class 2	New
0.00%	0.00%	0.00%	NO	28539.05 $/MW-year	40420	4103	14	17	7024		Cost estimate is generally equivalent to AACE Estimate Class 2	New
0.00%	0.00%	0.49%	YES	175980.03 $/MW-year	7103	1232	4	1	1438		Cost estimate is generally equivalent to AACE Estimate Class 3	New
5.00%	4.00%	5.00%	NO	57640.03 $/MW-year	1	8	1	0	30		Cost estimate is generally equivalent to AACE Estimate Class 2	New
20.14%	127.78%	159.03%	NO	2151.36 $/MVAR-year	37273	7045	80	22	7284		Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
0.00%	141.67%	155.56%	YES	8678.29 $/MVAR-year	32193	8298	73	6	7961		Cost estimate is generally equivalent to AACE Estimate Class 5	New
5.09%	5.09%	5.09%	NO	34383.86 $/MVAR-year	613	8	0	0	25		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
[redacted]			NO	14384.47 $/MVAR-year	552	54	0	0	86		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing

										Deficiency (MW, MVAR or VPU)							
GNA ID	DDOR ID	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	Units	2023[B]	2024[B]
GNA_2023_156	DDOR_2023_DV3	DDOR_2023_2023 DVAR Plan_11	La Habra 66/12 (D)	Bride	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	1.36	1.63	1.72	1.72	1.63	MVAR		
GNA_2023_174	DDOR_2023_DV4	DDOR_2023_2023 DVAR Plan_12	Little Rock 66/12 (D)	Tierra Bonita	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.11	0.11	0.11	0.11	0.11	MVAR		
GNA_2023_207	DDOR_2023_DV5	DDOR_2023_2023 DVAR Plan_13	Newbury 66/16 (D)	Intrepid	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	2.35	2.35	2.35	2.41	2.41	MVAR	260.71%	260.71%
GNA_2023_227	DDOR_2023_DV6	DDOR_2023_2023 DVAR Plan_14	Palmdale 66/12 (D)	Sims	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	1.38	1.32	1.26	1.20	1.14	MVAR		
GNA_2023_231	DDOR_2023_DV7	DDOR_2023_2023 DVAR Plan_15	Parkwood 66/12 (D)	Carob	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	2.61	2.53	2.53	2.53	2.53	MVAR	434.38%	422.32%
GNA_2023_232	DDOR_2023_DV8	DDOR_2023_2023 DVAR Plan_16	Parkwood 66/12 (D)	Gum	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	2.21	2.21	2.21	2.21	2.21	MVAR	369.01%	369.01%
GNA_2023_243	DDOR_2023_DV9	DDOR_2023_2023 DVAR Plan_17	Pico 66/12 (D)	Admiral	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	0.82	1.30	1.53	1.56	1.53	MVAR		
GNA_2023_245	DDOR_2023_DV10	DDOR_2023_2023 DVAR Plan_18	Pico 66/12 (D)	Bow	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	1.12	1.12	1.12	1.12	1.07	MVAR	124.04%	124.04%
	DDOR_2023_DV11	DDOR_2023_2023 DVAR Plan_19	Pico 66/12 (D)	Ebbtide	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	0.00	0.00	0.00	0.00	0.00	MVAR		
GNA_2023_22	DDOR_2023_DV12	DDOR_2023_2023 DVAR Plan_2	Baker 115/12 (D)	Chavez	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.02	2.40	2.40	2.40	2.40	MVAR	3.98%	399.39%
GNA_2023_247	DDOR_2023_DV13	DDOR_2023_2023 DVAR Plan_20	Puente 66/12 (D)	Valinda	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	3.33	3.33	3.33	3.25	3.25	MVAR		
GNA_2023_257	DDOR_2023_DV14	DDOR_2023_2023 DVAR Plan_21	Randall 66/12 (D)	Wahlstrom	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.79	0.79	0.75	0.75	0.75	MVAR	132.43%	132.43%
GNA_2023_262	DDOR_2023_DV15	DDOR_2023_2023 DVAR Plan_22	Redlands 66/4.16 (D)	Hastings	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.56	0.49	0.49	0.49	0.49	MVAR	247.31%	218.51%
GNA_2023_269	DDOR_2023_DV16	DDOR_2023_2023 DVAR Plan_23	Rio Hondo 66/12 (D)	Thames	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	1.78	1.78	1.78	1.78	1.78	MVAR	296.38%	296.38%
GNA_2023_276	DDOR_2023_DV17	DDOR_2023_2023 DVAR Plan_24	Roadway 115/12 (D)	Cummins	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	0.07	1.71	1.71	1.71	1.71	MVAR		
GNA_2023_293	DDOR_2023_DV18	DDOR_2023_2023 DVAR Plan_25	Santiago 66/12 (D)	Tolar	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	1.69	2.13	2.08	2.08	2.02	MVAR	188.06%	236.87%
GNA_2023_326	DDOR_2023_DV19	DDOR_2023_2023 DVAR Plan_26	Timoteo 66/12 (D)	Intern	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	2.15	2.26	2.32	2.32	2.32	MVAR	359.00%	377.00%
GNA_2023_335	DDOR_2023_DV20	DDOR_2023_2023 DVAR Plan_27	Viejo 66/12 (D)	Consejo	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	12/31/2023	1.29	2.21	3.13	3.13	3.06	MVAR		
GNA_2023_346	DDOR_2023_DV21	DDOR_2023_2023 DVAR Plan_28	Wimbledon 66/12 (D)	Riggs	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	1.22	1.22	1.22	1.17	1.17	MVAR		
GNA_2023_258	DDOR_2023_DV22	DDOR_2023_2023 DVAR Plan_30	Randsburg 115/33 (D)	Heavy	Voltage	Project to Address Voltage Concern, New Capacitor Installation	(2) New Capacitors On Pole Line (Overhe	Primary Feeder - Capacitor	12/31/2023	0.92	0.92	0.92	0.98	0.98	Vpu		
GNA_2023_75	DDOR_2023_DV23	DDOR_2023_2023 DVAR Plan_4	Chino 66/12 (D)	Palmetto	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	2.08	2.01	2.01	1.94	1.94	MVAR	346.96%	334.85%
GNA_2023_91	DDOR_2023_DV24	DDOR_2023_2023 DVAR Plan_5	Corona 66/33 (D)	Cupples	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	1.02	1.17	1.24	1.57	1.94	MVAR		
GNA_2023_92	DDOR_2023_DV25	DDOR_2023_2023 DVAR Plan_6	Corona 66/33 (D)	Porphyry	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	3.13	3.13	3.13	3.13	3.13	MVAR		
GNA_2023_93	DDOR_2023_DV26	DDOR_2023_2023 DVAR Plan_7	Cortez 66/12 (D)	Barbossa	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	3.69	3.69	3.69	3.61	3.61	MVAR	614.18%	614.18%
GNA_2023_99	DDOR_2023_DV27	DDOR_2023_2023 DVAR Plan_8	Dalton 66/12 (D)	Bender	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.57	0.57	0.57	0.01	0.01	MVAR	95.50%	95.50%
GNA_2023_100	DDOR_2023_DV28	DDOR_2023_2023 DVAR Plan_9	Declez 66/12 (D)	Tractor	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	12/31/2023	0.81	0.81	0.73	0.73	0.65	MVAR	135.43%	135.43%
GNA_2023_168	DDOR_2023_DV29	DDOR_2023_2024 DVAR Plan_1	Linden 12/4.16 (D)	Boulevard	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.51	0.51	0.51	0.51	0.51	MVAR	225.26%	225.26%
GNA_2023_169	DDOR_2023_DV30	DDOR_2023_2024 DVAR Plan_1	Linden 12/4.16 (D)	Boulevard	Voltage	Project to Address Voltage Concern, New Capacitor Installation	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.93	0.95	0.95	0.95	0.95	Vpu	92.50%	94.58%
GNA_2023_325	DDOR_2023_DV31	DDOR_2023_2024 DVAR Plan_10	Thousand Oaks 66/16 (D)	Devine	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	2.52	2.52	2.52	2.60	2.60	MVAR	419.87%	419.87%
GNA_2023_323	DDOR_2023_DV32	DDOR_2023_2024 DVAR Plan_11	Terra Bella 66/12 (D)	Ducor	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.12	0.12	0.12	0.00	0.12	MVAR		
GNA_2023_25	DDOR_2023_DV33	DDOR_2023_2024 DVAR Plan_12	Bicknell 16/4.16 (D)	Eastmont	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.03	0.03	0.01	0.01	0.01	MVAR		
GNA_2023_44	DDOR_2023_DV34	DDOR_2023_2024 DVAR Plan_13	Bryan 66/12 (D)	Fiji	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2024	0.31	0.31	0.31	0.27	0.27	MVAR	51.34%	51.34%
GNA_2023_251	DDOR_2023_DV35	DDOR_2023_2024 DVAR Plan_14	Railroad 66/12 (D)	Handcar	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2024	1.05	1.00	1.00	1.00	0.94	MVAR	174.70%	166.05%
GNA_2023_9	DDOR_2023_DV36	DDOR_2023_2024 DVAR Plan_15	Archibald 66/12 (D)	Imbach	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.00	0.12	0.12	0.12	0.12	MVAR		
GNA_2023_160	DDOR_2023_DV37	DDOR_2023_2024 DVAR Plan_16	Limestone 66/12 (D)	Iron	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	2.68	2.61	2.61	2.61	2.61	MVAR	446.68%	435.37%
GNA_2023_287	DDOR_2023_DV38	DDOR_2023_2024 DVAR Plan_17	San Gabriel 66/4.16 (D)	La Presa	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.13	0.13	0.13	0.13	0.16	MVAR	55.55%	55.55%
GNA_2023_190	DDOR_2023_DV39	DDOR_2023_2024 DVAR Plan_18	Mira Loma 66/12 (D)	Matterhorn	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.42	0.42	0.76	0.76	0.00	MVAR		
GNA_2023_180	DDOR_2023_DV40	DDOR_2023_2024 DVAR Plan_2	Longdon 16/4.16 (D)	Charity	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.18	0.18	0.18	0.18	0.18	MVAR	80.70%	80.70%
GNA_2023_181	DDOR_2023_DV41	DDOR_2023_2024 DVAR Plan_2	Longdon 16/4.16 (D)	Charity	Voltage	Project to Address Voltage Concern, New Capacitor Installation	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.90	0.93	0.96	0.96	0.96	Vpu	90.00%	92.92%
GNA_2023_246	DDOR_2023_DV42	DDOR_2023_2024 DVAR Plan_21	Proctor 66/12 (D)	Pandora	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2024	4.40	4.40	4.40	4.40	4.40	MVAR		
GNA_2023_39	DDOR_2023_DV43	DDOR_2023_2024 DVAR Plan_22	Boxwood 66/12 (D)	Soda Springs	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(3) New Capacitors On Pole Line (Overhe	Primary Feeder - Capacitor	8/31/2024	0.82	0.82	0.82	0.82	0.82	MVAR		
GNA_2023_200	DDOR_2023_DV44	DDOR_2023_2024 DVAR Plan_23	Moulton 66/12 (D)	Terrier	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.34	0.42	0.42	0.45	0.45	MVAR	57.30%	70.75%
GNA_2023_63	DDOR_2023_DV45	DDOR_2023_2024 DVAR Plan_24	Chase 66/12 (D)	Whisper	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2024	1.03	1.03	0.97	0.97	0.97	MVAR		
GNA_2023_59	DDOR_2023_DV46	DDOR_2023_2024 DVAR Plan_25	Camarillo 66/16 (D)	Wigton	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2024	2.92	3.01	3.10	3.10	3.10	MVAR	487.40%	501.70%
GNA_2023_170	DDOR_2023_DV47	DDOR_2023_2024 DVAR Plan_3	Linden 12/4.16 (D)	Hardwick	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	1.00	1.00	1.00	1.00	1.00	MVAR	445.58%	445.58%
GNA_2023_171	DDOR_2023_DV48	DDOR_2023_2024 DVAR Plan_3	Linden 12/4.16 (D)	Hardwick	Voltage	Project to Address Voltage Concern, New Capacitor Installation	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.91	0.93	0.94	0.96	0.96	Vpu	90.83%	92.58%
GNA_2023_224	DDOR_2023_DV49	DDOR_2023_2024 DVAR Plan_4	Ordway 33/12 (D)	Judy	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	3.08	3.17	3.17	3.08	3.08	MVAR		
GNA_2023_225	DDOR_2023_DV50	DDOR_2023_2024 DVAR Plan_4	Ordway 33/12 (D)	Judy	Voltage	Project to Address Voltage Concern, New Capacitor Installation	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.95	0.95	0.95	0.95	0.95	Vpu		
GNA_2023_77	DDOR_2023_DV51	DDOR_2023_2024 DVAR Plan_5	Colonia 66/16 (D)	Arneill	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.52	0.52	0.52	0.52	0.52	MVAR		
GNA_2023_203	DDOR_2023_DV52	DDOR_2023_2024 DVAR Plan_6	Narrows 66/12 (D)	Ballard	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	0.53	0.49	0.49	0.49	0.49	MVAR	88.17%	81.00%
GNA_2023_18	DDOR_2023_DV53	DDOR_2023_2024 DVAR Plan_7	Auld 115/12 (D)	Brumfield	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	1.39	1.39	1.39	1.39	1.42	MVAR	231.55%	231.55%
GNA_2023_304	DDOR_2023_DV54	DDOR_2023_2024 DVAR Plan_8	Shandin 115/12 (D)	Calstate	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	2.50	2.44	2.07	2.01	2.01	MVAR		
GNA_2023_37	DDOR_2023_DV55	DDOR_2023_2024 DVAR Plan_9	Bowl 66/12 (D)	Cox	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2024	2.73	2.67	2.67	2.67	2.67	MVAR	455.01%	444.38%
GNA_2023_244	DDOR_2023_DV56	DDOR_2023_2025 DVAR Plan_26	Pico 66/12 (D)	Ahoy	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.45	0.45	0.45	0.54	0.54	MVAR		
GNA_2023_43	DDOR_2023_DV57	DDOR_2023_2025 DVAR Plan_28	Bryan 66/12 (D)	Aruba	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.25	1.25	1.25	1.25	1.25	MVAR	209.10%	209.10%
GNA_2023_76	DDOR_2023_DV58	DDOR_2023_2025 DVAR Plan_29	Chino 66/12 (D)	Bandag	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.26	1.20	1.20	1.20	1.20	MVAR		
GNA_2023_45	DDOR_2023_DV59	DDOR_2023_2025 DVAR Plan_30	Bryan 66/12 (D)	Barbados	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.79	0.79	0.79	0.79	0.79	MVAR	131.88%	131.88%
GNA_2023_193	DDOR_2023_DV60	DDOR_2023_2025 DVAR Plan_31	Mira Loma 66/12 (D)	Brewer	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	2.24	2.24	3.11	3.11	3.07	MVAR		
GNA_2023_304	DDOR_2023_DV61	DDOR_2023_2025 DVAR Plan_32	Shandin 115/12 (D)	Calstate	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	2.50	2.44	2.07	2.01	2.01	MVAR		
GNA_2023_214	DDOR_2023_DV62	DDOR_2023_2025 DVAR Plan_33	North Oaks 66/16 (D)	Copperhead	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.29	0.29	0.29	0.29	0.29	MVAR	48.15%	48.15%
GNA_2023_147	DDOR_2023_DV63	DDOR_2023_2025 DVAR Plan_34	Irvine 66/12 (D)	Cromwell	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.92	1.64	1.67	1.67	1.67	MVAR	319.93%	273.27%
GNA_2023_337	DDOR_2023_DV64	DDOR_2023_2025 DVAR Plan_35	Viejo 66/12 (D)	Gordo	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.94	0.90	0.86	0.86	0.82	MVAR		
GNA_2023_294	DDOR_2023_DV65	DDOR_2023_2025 DVAR Plan_37	Santiago 66/12 (D)	Krona	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.47	1.49	1.49	1.49	1.49	MVAR	244.55%	248.38%
GNA_2023_1	DDOR_2023_DV66	DDOR_2023_2025 DVAR Plan_39	Alder 66/12 (D)	Lytle	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.07	1.07	1.07	1.07	1.02	MVAR		
GNA_2023_57	DDOR_2023_DV67	DDOR_2023_2025 DVAR Plan_40	Calectric 115/33 (D)	Meredith	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(2) New Capacitors On Pole Line (Overhe	Primary Feeder - Capacitor	8/31/2025	3.82	3.76	3.76	3.92	4.70	MVAR		
GNA_2023_24	DDOR_2023_DV68	DDOR_2023_2025 DVAR Plan_41	Barstow 33/33 (D)	Montara	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Pole Line (Overhea	Primary Feeder - Capacitor	8/31/2025	3.52	3.52	3.52	3.52	3.52	MVAR	195.56%	195.56%
GNA_2023_233	DDOR_2023_DV69	DDOR_2023_2025 DVAR Plan_42	Parkwood 66/12 (D)	Peabush	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.56	0.56	0.56	0.56	0.52	MVAR		
GNA_2023_36	DDOR_2023_DV70	DDOR_2023_2025 DVAR Plan_43	Borrego 66/12 (D)	Rubin	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	0.85	0.85	0.91	0.91	0.96	MVAR	142.38%	142.38%
GNA_2023_19	DDOR_2023_DV71	DDOR_2023_2025 DVAR Plan_44	Auld 115/12 (D)	Thoroughbred	Reactive Power	Project to Address Reactive Power Concern, New Capacitor Installati	(1) New Capacitor On Ground (Padmount	Primary Feeder - Capacitor	8/31/2025	1.31	1.10	1.10	1.13	1.28	MVAR	218.80%	183.10%

Deficiency %												
2025[a]	2026[a]	2027[a]	DER Eligible Service	LNBA Values	Residential Customer	Commercial Customer	Industrial Customer	Agricultural Customer	Other Customer	Notes	AACE Level of Cost Estimate	Project History
			NO	2034.18 $/MVAR-year	63	123	0	0	76		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	21145.76 $/MVAR-year	2	4	0	0	8		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
260.71%	267.61%	267.61%	NO	2967.09 $/MVAR-year	919	76	0	0	129		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	2648.36 $/MVAR-year	666	28	0	0	38		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
422.32%	422.32%	422.32%	NO	1377.33 $/MVAR-year	1180	169	0	0	114		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
369.01%	369.01%	369.01%	NO	1576.29 $/MVAR-year	394	123	0	0	55		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	4264.65 $/MVAR-year	45	9	0	0	26		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
124.04%	124.04%	119.40%	NO	6401.42 $/MVAR-year	0	32	0	0	28		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	0.00 $/MVAR-year	0	0	0	0	0		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
399.39%	399.39%	399.39%	NO	1456.39 $/MVAR-year	29	46	0	0	133		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	1048.66 $/MVAR-year	295	77	2	0	89		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
124.55%	124.55%	124.55%	NO	4392.27 $/MVAR-year	1026	91	0	0	119		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
218.51%	218.51%	218.51%	NO	7098.67 $/MVAR-year	129	33	0	0	28		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
296.38%	296.38%	296.38%	NO	1962.54 $/MVAR-year	95	23	0	0	61		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	3849.23 $/MVAR-year	11	13	0	0	15		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
230.77%	230.77%	224.67%	NO	3187.95 $/MVAR-year	1	20	0	0	44		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
386.00%	386.00%	386.00%	NO	1506.91 $/MVAR-year	768	112	0	1	118		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	1761.93 $/MVAR-year	0	19	0	0	19		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	2319.18 $/MVAR-year	0	15	2	0	14		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	7098.33 $/Vpu-year	3	0	0	0	5		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
334.85%	322.75%	322.75%	NO	1737.08 $/MVAR-year	845	66	3	0	84		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	1438.59 $/MVAR-year	0	0	0	0	8		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
			NO	1080.97 $/MVAR-year	0	1	3	0	5		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
614.18%	601.54%	601.54%	NO	947.07 $/MVAR-year	430	71	0	0	98		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
95.50%	1.92%	1.92%	NO	6090.81 $/MVAR-year	729	23	1	0	47		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
122.17%	122.17%	108.91%	NO	2067.82 $/MVAR-year	141	51	0	0	58		Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
225.26%	225.26%	225.26%	NO	8204.90 $/MVAR-year	237	10	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	New
95.00%	95.00%	95.00%	NO	8204.90 $/MVAR-year	237	10	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	New
419.87%	432.66%	432.66%	NO	1512.51 $/MVAR-year	604	192	0	0	130		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	6930.96 $/MVAR-year	262	24	0	13	145		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	121595.85 $/MVAR-year	313	19	0	0	44		Cost estimate is generally equivalent to AACE Estimate Class 5	New
51.34%	45.15%	45.15%	NO	21601.88 $/MVAR-year	167	10	0	0	39		Cost estimate is generally equivalent to AACE Estimate Class 5	New
166.05%	166.05%	157.40%	NO	6678.44 $/MVAR-year	177	104	0	0	104		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	25991.11 $/MVAR-year	484	20	0	6	90		Cost estimate is generally equivalent to AACE Estimate Class 5	New
435.37%	435.37%	435.37%	NO	1591.98 $/MVAR-year	17	142	0	0	36		Cost estimate is generally equivalent to AACE Estimate Class 5	New
55.55%	55.55%	73.14%	NO	18098.15 $/MVAR-year	168	47	0	0	55		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	2897.38 $/MVAR-year	196	63	0	0	27		Cost estimate is generally equivalent to AACE Estimate Class 5	New
80.70%	80.70%	80.70%	NO	22903.04 $/MVAR-year	245	45	0	0	61		Cost estimate is generally equivalent to AACE Estimate Class 5	New
95.92%	95.92%	95.92%	NO	22903.04 $/MVAR-year	245	45	0	0	61		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	1513.31 $/MVAR-year	90	54	1	0	66		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	15214.31 $/MVAR-year	295	42	0	4	231		Cost estimate is generally equivalent to AACE Estimate Class 5	New
70.75%	75.23%	75.23%	NO	8694.50 $/MVAR-year	697	92	0	0	77		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	6447.41 $/MVAR-year	28	41	1	0	28		Cost estimate is generally equivalent to AACE Estimate Class 5	New
516.00%	516.00%	516.00%	NO	2091.17 $/MVAR-year	672	186	2	0	143		Cost estimate is generally equivalent to AACE Estimate Class 5	New
445.58%	445.58%	445.58%	NO	3795.17 $/MVAR-year	251	29	0	2	55		Cost estimate is generally equivalent to AACE Estimate Class 5	New
94.42%	96.25%	96.25%	NO	3795.17 $/MVAR-year	251	29	0	2	55		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	1313.93 $/MVAR-year	265	39	0	0	107		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	1313.93 $/MVAR-year	265	39	0	0	107		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	5164.28 $/MVAR-year	160	191	0	1	167		Cost estimate is generally equivalent to AACE Estimate Class 5	New
81.00%	81.00%	81.00%	NO	8556.75 $/MVAR-year	119	129	1	0	93		Cost estimate is generally equivalent to AACE Estimate Class 5	New
231.55%	231.55%	237.37%	NO	2919.94 $/MVAR-year	327	8	0	0	14		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	1704.30 $/MVAR-year	79	50	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	New
444.38%	444.38%	444.38%	NO	1559.70 $/MVAR-year	279	111	0	0	114		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	14689.12 $/MVAR-year	0	4	2	0	7		Cost estimate is generally equivalent to AACE Estimate Class 5	New
209.10%	209.10%	209.10%	NO	8325.46 $/MVAR-year	273	78	0	0	58		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	8725.35 $/MVAR-year	3	23	1	0	15		Cost estimate is generally equivalent to AACE Estimate Class 5	New
131.88%	131.88%	131.88%	NO	12186.58 $/MVAR-year	636	44	1	0	81		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	2260.67 $/MVAR-year	0	6	0	0	6		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	4755.62 $/MVAR-year	79	50	0	0	37		Cost estimate is generally equivalent to AACE Estimate Class 5	New
48.15%	48.15%	48.15%	NO	36155.67 $/MVAR-year	265	150	0	0	110		Cost estimate is generally equivalent to AACE Estimate Class 5	New
277.51%	277.51%	277.51%	NO	5911.72 $/MVAR-year	594	128	0	0	132		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	11137.42 $/MVAR-year	2	16	0	0	9		Cost estimate is generally equivalent to AACE Estimate Class 5	New
248.38%	248.38%	248.38%	NO	6699.11 $/MVAR-year	608	26	0	0	84		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	9761.79 $/MVAR-year	12	33	2	1	20		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	6086.53 $/MVAR-year	0	5	0	0	14		Cost estimate is generally equivalent to AACE Estimate Class 5	New
195.56%	195.56%	195.56%	NO	4737.70 $/MVAR-year	0	0	0	0	2		Cost estimate is generally equivalent to AACE Estimate Class 5	New
			NO	18820.03 $/MVAR-year	0	25	0	0	3		Cost estimate is generally equivalent to AACE Estimate Class 5	New
150.94%	150.94%	159.51%	NO	8254.60 $/MVAR-year	948	89	0	0	61		Cost estimate is generally equivalent to AACE Estimate Class 5	New
183.10%	189.05%	212.85%	NO	4945.37 $/MVAR-year	707	24	0	0	63		Cost estimate is generally equivalent to AACE Estimate Class 5	New

												Deficiency (MW, MVAR or VPU)												Deficie				
GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Project Description	Project Description (Additional Information)	Type of Equipment To Be Installed	Operating Date	2023[A]	2024[A]	2025[A]	2026[A]	2027[A]	2028[A]	2029[A]	2030[A]	2031[A]	2032[A]	Units	2023[B]	2024[B]	2025[B]	2026[B]	2027[B]
GNA_2023_112	DDOR_2023_S4	Tier 1	DDOR_2023_6698	Elizabeth Lake - Pitchgen 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increas	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2027	0.00	0.00	0.00	0.00	0.70	1.60	4.20	8.40	11.30	12.30	MW	0.00%	0.00%	0.00%	0.00%	0.84%
GNA_2023_261	DDOR_2023_S5	Tier 1	DDOR_2023_6871	Rector - Riverway 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2028	15.75	18.15	15.75	16.25	17.15	18.15	19.65	21.35	22.95	24.85	MW	11.11%	12.80%	11.11%	11.46%	12.10%
	DDOR_2023_S6	Tier 1	DDOR_2023_6871	Rector - Oak Grove 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2028	0.00	0.00	0.00	0.00	0.00	0.00	6.06	7.96	9.76	11.66	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_332	DDOR_2023_D208	Tier 1	DDOR_2023_8469_577046	Valley 115/12 (D)	Ethanac	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	1.04	3.00	3.20	3.28	3.39	3.50	3.59	3.96	MW	0.00%	0.00%	8.86%	25.55%	27.78%
	DDOR_2023_D209	Tier 1	DDOR_2023_8469_577046	Valley 115/12 (D)	Jerry	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.00	0.00	0.22	1.04	1.78	1.83	1.87	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_341	DDOR_2023_D248	Tier 1	DDOR_2023_8562	Washington 66/12 (D)	null	Capacity	Increase Substation Capacity	Install (2) 28 MVA Substation Transformers	Substation - Transformer	6/1/2026	0.00	0.00	1.59	5.41	11.30	11.37	11.50	11.54	11.78	12.13	MW	0.00%	0.00%	2.91%	9.89%	20.66%
GNA_2023_333	DDOR_2023_D249	Tier 1	DDOR_2023_8566	Vail 66/16 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transformer	Substation - Transformer	6/1/2026	0.00	0.00	1.80	5.60	11.10	11.50	12.50	14.00	14.90	15.00	MW	0.00%	0.00%	1.58%	4.91%	9.74%
GNA_2023_6	DDOR_2023_D283	Tier 1	DDOR_2023_DSP35973	Aqueduct 115/12 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transformer	Substation - Transformer	6/1/2027	0.00	0.00	0.00	0.00	4.06	6.28	10.54	15.24	18.22	19.13	MW	0.00%	0.00%	0.00%	0.00%	3.80%
GNA_2023_153	DDOR_2023_D291	Tier 1	DDOR_2023_DSP36006_634064	Kimball 66/12 (D)	Phantom	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.70	3.17	3.17	3.17	3.15	3.15	3.15	3.17	MW	0.00%	0.00%	5.82%	26.54%	26.54%
	DDOR_2023_D292	Tier 1	DDOR_2023_DSP36012	Archibald 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.33	8.63	10.43	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_13	DDOR_2023_D293	Tier 1	DDOR_2023_DSP36012_634065	Archibald 66/12 (D)	Danish	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	10.13	10.20	10.24	10.28	9.67	10.29	10.65	MW	0.00%	0.00%	0.00%	91.02%	91.81%
GNA_2023_196	DDOR_2023_S33	Tier 1	DDOR_2023_TSP STL36098	Mira Loma-Corona 66kV	null	Capacity	Increase Line Capacity	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	3.00	4.00	4.00	4.00	4.00	5.00	6.00	MW	0.00%	0.00%	0.00%	2.40%	3.20%
GNA_2023_296	DDOR_2023_S40	Tier 1	DDOR_2023_TSP STL36152	Santiago-Irvine No.2 66kV	null	Reliability, Capacity	Outage Contingency Mitigation	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2027	0.00	0.00	0.00	0.00	0.82	3.53	3.52	5.71	5.71	9.31	MW	0.00%	0.00%	0.00%	0.00%	0.49%
	DDOR_2023_D127	Tier 2	DDOR_2023_4800	Elizabeth Lake 66/16 (D)	Guitar	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	0.00	1.90	6.20	7.60	7.70	MW					
	DDOR_2023_D128	Tier 2	DDOR_2023_4800	Elizabeth Lake 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	1.85	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D129	Tier 2	DDOR_2023_4800	Newhall 66/16 (D)	Gavin	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	0.00	2.40	5.00	6.80	6.90	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D130	Tier 2	DDOR_2023_4800	Newhall 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	4.90	6.90	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D131	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	Crabtree	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	4.40	7.70	14.80	17.40	17.60	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_299	DDOR_2023_D132	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	null	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	6.16	13.86	19.06	40.06	69.16	69.46	MW	0.00%	0.00%	0.00%	0.00%	4.26%
	DDOR_2023_D133	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	Tips	Capacity	New Substation, New Circuit	Construct (1) New 66/16 kV Substation, Ins	Substation - New Substation, Primary Feede	3/31/2028	0.00	0.00	0.00	0.00	0.00	0.00	0.60	16.30	45.30	45.30	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_298	DDOR_2023_D4	Tier 2	DDOR_2023_06328_459030	Saugus 66/16 (D)	Crabtree	Capacity (UCT)	Underground Cable Temperature Mitig	Construct Civil Projects, Install (1) New 12 l	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	2.80	5.70	1.00	1.00	4.30	4.10	4.30	MW	0.00%	0.00%	0.00%	17.28%	35.19%
GNA_2023_300	DDOR_2023_D5	Tier 2	DDOR_2023_06328_459030	Saugus 66/16 (D)	Tips	Capacity (UCT)	Underground Cable Temperature Mitig	Construct Civil Projects, Install (1) New 12 l	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	2.60	5.10	1.90	1.90	1.90	3.90	3.90	MW	0.00%	0.00%	0.00%	20.80%	40.48%
GNA_2023_52	DDOR_2023_D160	Tier 2	DDOR_2023_8256	Calcity 'A' 33/12 (D)	Greasewood	Capacity	New Circuit	Install (2) New 12 kV Circuits	Primary Feeder - New Distribution Line	6/30/2028	8.02	41.30	41.28	41.33	41.43	41.52	41.57	41.57	41.59	41.63	MW	96.05%	494.61%	494.37%	494.97%	496.17%
GNA_2023_53	DDOR_2023_D161	Tier 2	DDOR_2023_8256	Calcity 'A' 33/12 (D)	null	Capacity	New Circuit	Install (2) New 12 kV Circuits	Primary Feeder - New Distribution Line	6/30/2028	5.76	37.59	37.57	37.59	37.70	37.78	37.85	37.85	37.87	37.91	MW	40.45%	263.97%	263.83%	263.97%	264.75%
GNA_2023_54	DDOR_2023_D162	Tier 2	DDOR_2023_8256	Calcity 'B' 33/12 (D)	null	Capacity	Increase Circuit Capacity	Install (1) New 12kV Circuit	Primary Feeder - New Distribution Line	6/30/2028	9.80	11.09	54.52	79.61	79.61	79.61	79.61	79.63	79.70	79.87	MW	53.85%	60.93%	299.56%	437.42%	437.42%
GNA_2023_55	DDOR_2023_D163	Tier 2	DDOR_2023_8256	Calcity 'B' 33/12 (D)	Overall	Capacity	New Circuit	Install (1) New 12kV Circuit	Primary Feeder - New Distribution Line	6/30/2028	12.28	13.54	58.63	84.54	84.54	84.54	84.54	84.54	84.57	84.67	MW	102.68%	113.21%	490.22%	706.86%	706.86%
	DDOR_2023_D206	Tier 2	DDOR_2023_8467	Kimball 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit, Construct Civi	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	4.93	7.20	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_152	DDOR_2023_D207	Tier 2	DDOR_2023_8467_434561	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit, Construct Civi	Primary Feeder - New Distribution Line	6/1/2026	0.00	5.46	6.04	9.43	9.93	10.30	11.50	12.87	13.79	13.79	MW	0.00%	46.95%	63.85%	99.68%	104.97%
GNA_2023_348	DDOR_2023_D263	Tier 2	DDOR_2023_DSP33809_631068	Yucaipa 66/12 (D)	Conine	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	4/1/2026	0.00	0.00	0.00	6.80	11.22	8.83	10.89	10.43	10.50	10.65	MW	0.00%	0.00%	0.00%	71.28%	117.61%
	DDOR_2023_D274	Tier 2	DDOR_2023_DSP35933	Archibald 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	2.50	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_13	DDOR_2023_D275	Tier 2	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Danish	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D276	Tier 2	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Swiss	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.46	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D277	Tier 2	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Fujiyama	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.09	0.11	0.17	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_191	DDOR_2023_D278	Tier 2	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Matterhorn	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	1.20	2.11	3.30	5.02	6.87	6.87	MW					
GNA_2023_197	DDOR_2023_D279	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Korea	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.43	0.46	0.48	0.54	0.67	0.78	MW	0.00%	0.00%	0.00%	0.00%	4.78%
GNA_2023_198	DDOR_2023_D280	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Siam	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.43	0.46	0.50	0.57	0.70	0.85	MW	0.00%	0.00%	0.00%	0.00%	4.76%
	DDOR_2023_D281	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Sudan	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.11	0.22	0.33	MW					
GNA_2023_199	DDOR_2023_D282	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Taiwan	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	5/1/2027	0.00	0.00	0.00	0.00	1.91	7.07	8.70	8.76	8.91	9.07	MW	0.00%	0.00%	0.00%	0.00%	19.69%
GNA_2023_130	DDOR_2023_D284	Tier 2	DDOR_2023_DSP35986	Francis 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	3.85	4.02	4.61	4.67	8.13	8.76	9.17	9.65	10.15	11.04	MW	3.70%	3.87%	4.44%	4.50%	7.83%
GNA_2023_128	DDOR_2023_D285	Tier 2	DDOR_2023_DSP35986_634069	Francis 66/12 (D)	Kadota	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	1.50	1.65	1.76	2.09	2.44	2.80	3.17	MW	0.00%	0.00%	0.00%	12.54%	13.81%
GNA_2023_129	DDOR_2023_D286	Tier 2	DDOR_2023_DSP35986_634070	Francis 66/12 (D)	Marbuck	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.63	1.39	1.63	1.91	2.44	2.80	2.91	2.91	2.96	3.00	MW	5.27%	11.63%	13.63%	15.99%	20.36%
GNA_2023_290	DDOR_2023_S27	Tier 2	DDOR_2023_TSP ABank36183	Santa Clara 220/66 (S)	null	Reliability, Capacity	Outage Contingency Mitigation, Increas	Install (1) New 280 MVA Substation Transfo	Substation - Transformer	6/1/2027	0.00	0.00	0.00	0.00	19.43	53.53	101.83	107.33	116.03	125.03	MW	0.00%	0.00%	0.00%	0.00%	3.21%
GNA_2023_155	DDOR_2023_S28	Tier 2	DDOR_2023_TSP STL34903	La Cienega - El Nido - Tahiti 66 kV	null	Capacity	Increase Line Capacity	Open Shields on 66 kV SubTransmission Lir	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	1.40	4.10	4.60	5.10	6.00	7.30	8.60	MW	0.00%	0.00%	0.00%	2.46%	7.19%
GNA_2023_334	DDOR_2023_S2	Tier 3	DDOR_2023_6092	Valley 'EFG' 500/115 (S)	null	Capacity	New Substation	Construct (1) New 500/115 kV Substation	Substation - New Substation	6/1/2029	223.40	235.20	246.40	269.10	287.70	298.40	307.50	319.70	331.10	347.00	MW	24.93%	26.25%	27.50%	30.03%	32.11%
GNA_2023_132	DDOR_2023_D170	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Coachella	Reliability, Capacity	Circuit Outage Contingency Mitigation,	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	7.40	9.20	9.00	8.80	8.80	8.80	9.10	9.40	9.80	11.40	MW					
GNA_2023_134	DDOR_2023_D171	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Palmview	Capacity	New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	19.82	11.02	28.02	28.14	28.32	28.50	29.04	MW					
GNA_2023_135	DDOR_2023_D172	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Palmview	Reliability, Capacity	Circuit Outage Contingency Mitigation,	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	25.50	16.70	33.70	33.90	34.10	34.40	35.10	MW					
GNA_2023_136	DDOR_2023_D173	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Townhall	Reliability, Capacity	Circuit Outage Contingency Mitigation,	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	1.40	10.10	9.80	9.70	9.60	9.50	9.80	10.10	10.50	11.70	MW					
GNA_2023_78	DDOR_2023_D175	Tier 3	DDOR_2023_8325_539012	Colonia 66/16 (D)	Beardsley	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 16 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	5.80	12.30	14.20	14.20	14.20	14.23	MW	0.00%	0.00%	0.00%	0.00%	40.56%
GNA_2023_79	DDOR_2023_D176	Tier 3	DDOR_2023_8325_539012	Colonia 66/16 (D)	Broome	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 16 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	1.80	5.20	5.50	5.50	5.40	5.40	MW	0.00%	0.00%	0.00%	0.00%	12.24%
GNA_2023_289	DDOR_2023_S17	Tier 3	DDOR_2023_8425	Santa Clara - Colonia 66 kV	null	Reliability, Capacity	Outage Contingency Mitigation, Increas	Install New 66kV Subtransmission Line	Substation - New Subtransmission Line	6/1/2026	0.00	0.00	0.00	5.00	10.00	22.00	26.60	27.80	30.20	32.90	MW	0.00%	0.00%	0.00%	6.02%	12.05%
GNA_2023_62	DDOR_2023_S18	Tier 3	DDOR_2023_8438	Channel Island 66/16 (D)	null	Reliability, Voltage	Outage Contingency Mitigation, Project	Install (2) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	0.94	0.94	0.93	0.93	0.93	0.93	0.92	Vpu	0.00%	0.00%	0.00%	93.50%	93.80%
	DDOR_2023_S19	Tier 3	DDOR_2023_8438	Santa Clara 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Conc	Install (2) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	0.00	0.00	16.38	20.19	23.76	29.37	34.50	MVAR	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_141	DDOR_2023_D238	Tier 3	DDOR_2023_8551	Goldtown 66/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit, Upgrade Switc	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	6.78	11.48	15.26	15.24	15.19	15.19	15.28	15.78	MW	0.00%	0.00%	27.73%	46.95%	62.41%
GNA_2023_140	DDOR_2023_D239	Tier 3	DDOR_2023_8551_652012	Goldtown 66/12 (D)	Carbon	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	0.89	0.87	0.85	0.83	0.83	0.87	1.11	MW					
GNA_2023_292	DDOR_2023_D247	Tier 3	DDOR_2023_8560	Santa Monica 66/16 (D)	null	Capacity	Increase Substation Capacity	Install (1) 28 MVA Substation Transformer	Substation - Transformer	6/1/2026	0.00	0.00	3.88	11.47	19.82	20.15	21.06	22.24	23.68	24.59	MW	0.00%	0.00%	5.39%	15.93%	27.52%
GNA_2023_149	DDOR_2023_D260	Tier 3	DDOR_2023_DSP28304_588018	Ivyglen 115/12 (D)	Conestoga	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	11.17	11.15	15.65	15.63	19.04	19.22	19.70	MW	0.00%	0.00%	0.00%	93.39%	93.23%
GNA_2023_134	DDOR_2023_D261	Tier 3	DDOR_2023_DSP33061_479085	Garnet 115/33 (D)	Palmview	Capacity	New Circuit	Install (1) New 33 kV Circuit	Primary Feeder - New Distribution Line	6/1/2027	0.00	0.00	0.00	0.00	11.00	28.00	28.10	28.30	28.50	29.00	MW					
GNA_2023_34	DDOR_2023_D287	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Chanslor	Capacity	Increase Substation Capacity, New Circ	Install (1) New 84 MVA Transformer, Instal	Primary Feeder - New Distribution Line, Trar	6/1/2026	0.00	3.70	3.60	5.70	7.90	8.10	8.80	11.70	12.20	12.40	MW					
	DDOR_2023_D288	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Lagoon	Capacity	Increase Substation Capacity, New Circ	Install (1) New 84 MVA Transformer, Instal	Primary Feeder - New Distribution Line, Trar	6/1/2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	1.40	1.40	MW	0.00%	0.00%	0.00%	0.00%	0.00%
	DDOR_2023_D289	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Neighbors	Capacity	Increase Substation Capacity, New Circ	Install (1) New 84 MVA Transformer, Instal	Primary Feeder - New Distribution Line, Trar	6/1/2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.80	0.80	MW	0.00%	0.00%	0.00%	0.00%	0.00%
GNA_2023_35	DDOR_2023_D290	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	null	Capacity	Increase Substation Capacity, New Circ	Install (1) New 84 MVA Transformer, Instal	Primary Feeder - New Distribution Line, Trar	6/1/2026	0.00	7.70	7.70	14.30	20.70	20.70	21.40	29.00	29.60	29.80	MW	0.00%	8.19%	8.19%	15.20%	22.00%
GNA_2023_344	DDOR_2023_D295	Tier 3	DDOR_2023_DSP36066	West Riverside 33/12 (D)	null	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.28	6.87	10.89	11.02	11.46	12.17	11.39	11.89	MW	0.00%	0.00%	1.54%	37.75%	59.84%
GNA_2023_137	DDOR_2023_D296	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Anderson	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.22	0.46	0.46	0.43	0.39	0.37	0.35	0.33	0.35	0.35	MW	1.98%	4.25%	4.25%	3.97%	3.60%
GNA_2023_138	DDOR_2023_D297	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Blackhills	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.52	0.48	0.43	0.41	0.37	0.35	0.30	0.33	0.41	MW	0.00%	4.74%	4.37%	3.92%	3.73%
GNA_2023_139	DDOR_2023_D298	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Galena	Capacity (UCT)	Underground Cable Temperature Mitig	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.37	0.59	0.59	0.57	0.57	0.54	0.54	0.54	0.59	0.63	MW	3.35%	5.45%	5.45%	5.26%	5.26%
GNA_2023_345	DDOR_2023_D299	Tier 3	DDOR_2023_DSP36066_430012	West Riverside 33/12 (D)	Winnebago	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	1.93	2.90	2.95	3.02	3.09	3.18	3.31	MW					
GNA_2023_345	DDOR_2023_D300	Tier 3	DDOR_2023_DSP36066_630037	West Riverside 33/12 (D)	Winnebago	Capacity	New Circuit	Install (1) New 12 kV Circuit	Primary Feeder - New Distribution Line	6/1/2026	0.00	0.00	0.00	4.09	7.62	7.66	7.72	7.80	7.89	8.02	MW					
GNA_2023_268	DDOR_2023_S43	Tier 3	DDOR_2023_TSP STV36155	Rio Hondo 220/66 (S)	null	Reactive Power	Project to Address Reactive Power Conc	Install (1) New 28.8 MVAR Capacitors	Substation - Capacitor	6/1/2026	0.00	0.00	0.00	20.40	22.40	23.40	23.90	23.90	25.50	26.70	MVAR	0.00%	0.00%	0.00%	141.67%	155.56%
End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End

ency %						Cost Effectiveness				Forecast Certainty		Market Assessment				
2028[a]	2029[a]	2030[a]	2031[a]	2032[a]	DER Eligible Service	LNBA Value ($/MW-yr)	LNBA Value ($/MWh-yr)	LNBA Value ($/MWh-Day)	Unit Cost of Traditional Mitigation	Grid Need Certainty	Year of Need	Duration	Capacity Needs per Affected Asset	Operational Requirement	Number of Grid Needs	Notes
1.93%	5.06%	10.12%	13.61%	14.82%	YES	$ 13,850.53	$ 153.75	$ 3,074.98	$ 1,655,993.00	11.12	2027	6	1.30 MW/Circuit	DA	1	
12.80%	13.86%	15.06%	16.19%	17.53%	YES	$ 95,407.89	$ 201.62	$ 14,113.59	$ 27,035,200.00	23.19	2023	11	4.29 MW/Circuit	DA	1	CAISO: N/A SCE: Licensing activities under internal consideration
0.00%	3.61%	4.74%	5.81%	6.94%	YES	$ 95,407.89	$ 201.62	$ 14,113.59	$ 27,035,200.00	23.19	2023	11	4.29 MW/Circuit	DA	1	CAISO: N/A SCE: Licensing activities under internal consideration
28.75%	30.00%	31.25%	32.05%	35.71%	YES	$ 39,870.59	$ 196.03	$ 10,139.50	$ 2,586,008.00	14.46	2025	8	4.00 MW/Circuit	DA	2	
1.84%	8.70%	14.88%	15.30%	15.64%	YES	$ 39,870.59	$ 196.03	$ 10,139.50	$ 2,586,008.00	14.46	2025	8	4.00 MW/Circuit	DA	2	
20.79%	21.02%	21.10%	21.54%	22.18%	YES	$ 28,469.89	$ 249.27	$ 4,985.32	$ 4,134,928.00	16.09	2025	8	1.73 MW/Circuit	DA	1	
10.09%	10.96%	12.28%	13.07%	13.16%	YES	$ 11,886.09	$ 129.57	$ 2,318.48	$ 2,140,065.84	15.02	2025	8	1.50 MW/Circuit	DA	1	
5.87%	9.86%	14.26%	17.04%	17.90%	YES	$ 22,454.27	$ 130.98	$ 4,584.31	$ 4,881,221.22	10.45	2027	8	1.59 MW/Circuit	DA	1	
26.54%	26.35%	26.35%	26.35%	26.54%	YES	$ 112,908.41	$ 221.13	$ 16,475.90	$ 4,285,949.83	23.00	2025	12	3.40 MW/Circuit	DA	1	
0.00%	0.79%	1.78%	6.59%	7.96%	YES	$ 32,514.41	$ 31.38	$ 3,608.96	$ 3,854,428.27	15.39	2026	17	10.70 MW/Circuit	DA	1	
92.17%	92.53%	82.09%	90.50%	94.75%	YES	$ 32,514.41	$ 31.38	$ 3,608.96	$ 3,854,428.27	15.39	2026	17	10.70 MW/Circuit	DA	1	
3.20%	3.20%	3.20%	4.00%	4.80%	YES	$ 69,773.11	$ 811.32	$ 16,226.30	$ 15,330,591.34	15.18	2026	6	1.18 MW/Circuit	DA	1	
2.10%	2.10%	3.40%	3.40%	5.54%	YES	$ 132,679.12	$ 3,745.30	$ 56,179.45	$ 20,675,640.00	17.06	2027	4	1.08 MW/Circuit	DA	1	
[redacted]					YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
0.00%	0.00%	0.00%	0.78%	1.70%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
0.00%	14.81%	30.86%	41.98%	42.59%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
0.00%	0.00%	1.10%	3.38%	4.76%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
27.16%	47.53%	91.36%	107.41%	108.64%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
9.59%	13.19%	27.72%	47.85%	48.06%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
0.00%	3.70%	100.62%	279.63%	279.63%	YES	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2027	24	45.30 MW/Circuit	DA	6	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
6.17%	6.17%	26.54%	25.31%	26.54%	YES	$ 8,800.39	$ 21.78	$ 1,524.69	$ 564,311.00	12.00	2026	9	5.70 MW/Circuit	DA	1	
14.96%	14.96%	14.96%	30.71%	30.71%	YES	$ 8,800.39	$ 21.78	$ 1,524.69	$ 564,311.00	12.00	2026	9	5.70 MW/Circuit	DA	1	
497.25%	497.84%	497.84%	498.08%	498.56%	YES	$ 233,781.77	$ 32.26	$ 11,676.37	$ 316,017,221.00	12.53	2023	24	84.67 MW/Circuit	DA	4	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025
265.31%	265.80%	265.80%	265.94%	266.22%	YES	$ 233,781.77	$ 32.26	$ 11,676.37	$ 316,017,221.00	12.53	2023	24	84.67 MW/Circuit	DA	4	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025
437.42%	437.42%	437.53%	437.91%	438.85%	YES	$ 233,781.77	$ 32.26	$ 11,676.37	$ 316,017,221.00	12.53	2023	24	84.67 MW/Circuit	DA	4	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025
706.86%	706.86%	706.86%	707.11%	707.94%	YES	$ 233,781.77	$ 32.26	$ 11,676.37	$ 316,017,221.00	12.53	2023	24	84.67 MW/Circuit	DA	4	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025
0.00%	0.00%	0.65%	3.46%	5.05%	YES	$ 14,702.36	$ 2.15	$ 786.10	$ 2,467,916.69	17.86	2024	24	13.80 MW/Circuit	DA	1	
108.88%	121.56%	136.05%	145.77%	145.77%	YES	$ 14,702.36	$ 2.15	$ 786.10	$ 2,467,916.69	17.86	2024	24	13.80 MW/Circuit	DA	1	
92.56%	114.15%	108.99%	109.49%	109.79%	YES	$ 4,528.64	$ 2.37	$ 509.24	$ 587,916.05	23.26	2026	18	11.20 MW/Circuit	DA	1	
0.00%	0.00%	0.00%	0.51%	1.91%	YES	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	14	6.90 MW/Circuit	DA	5	
0.00%	0.00%	0.00%	0.00%	2.03%	YES	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	14	6.90 MW/Circuit	DA	5	
0.00%	0.00%	0.00%	10.21%	12.86%	YES	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	14	6.90 MW/Circuit	DA	5	
0.00%	0.65%	0.84%	1.02%	1.58%	YES	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	14	6.90 MW/Circuit	DA	5	
[redacted]					YES	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	14	6.90 MW/Circuit	DA	5	
5.11%	5.33%	6.00%	7.44%	8.67%	YES	$ 38,181.86	$ 24.05	$ 4,557.19	$ 4,491,000.00	11.00	2027	17	9.10 MW/Circuit	DA	4	
5.05%	5.49%	6.26%	7.69%	9.34%	YES	$ 38,181.86	$ 24.05	$ 4,557.19	$ 4,491,000.00	11.00	2027	17	9.10 MW/Circuit	DA	4	
[redacted]					YES	$ 38,181.86	$ 24.05	$ 4,557.19	$ 4,491,000.00	11.00	2027	17	9.10 MW/Circuit	DA	4	
72.89%	89.69%	90.31%	91.86%	93.51%	YES	$ 38,181.86	$ 24.05	$ 4,557.19	$ 4,491,000.00	11.00	2027	17	9.10 MW/Circuit	DA	4	
8.43%	8.83%	9.29%	9.77%	10.63%	YES	$ 62,387.24	$ 290.59	$ 12,771.30	$ 7,818,000.00	8.11	2023	13	3.20 MW/Circuit	DA	3	
14.72%	17.45%	20.36%	23.44%	26.54%	YES	$ 62,387.24	$ 290.59	$ 12,771.30	$ 7,818,000.00	8.11	2023	13	3.20 MW/Circuit	DA	3	
23.41%	24.36%	24.36%	24.72%	25.08%	YES	$ 62,387.24	$ 290.59	$ 12,771.30	$ 7,818,000.00	8.11	2023	13	3.20 MW/Circuit	DA	3	
8.85%	16.84%	17.75%	19.19%	20.68%	YES	$ 54,822.36	$ 35.83	$ 5,195.05	$ 80,000,000.00	10.11	2027	15	1.20 MW/Circuit	DA	1	
8.07%	8.95%	10.53%	12.81%	15.09%	YES	$ 594.33	$ 0.18	$ 66.65	$ 116,077.67	15.45	2026	21	4.53 MW/Circuit	DA	1	
33.30%	34.32%	35.68%	36.95%	38.73%	YES	$ 138,477.21	$ 519.57	$ 23,380.49	$ 472,440,026.00	16.63	2023	10	1.95 MW/Circuit	I	1	CAISO: Approval 2009 SCE: Filed third amended PEA June 2023
[redacted]					YES	$ 21,596.76	$ 5.19	$ 1,580.25	$ 13,623,704.42	15.00	2023	24	35.10 MW/Circuit	DA	3	
[redacted]					YES	$ 21,596.76	$ 5.19	$ 1,580.25	$ 13,623,704.42	15.00	2023	24	35.10 MW/Circuit	DA	3	
[redacted]					YES	$ 21,596.76	$ 5.19	$ 1,580.25	$ 13,623,704.42	15.00	2023	24	35.10 MW/Circuit	DA	3	
[redacted]					YES	$ 21,596.76	$ 5.19	$ 1,580.25	$ 13,623,704.42	15.00	2023	24	35.10 MW/Circuit	DA	3	
85.89%	98.54%	98.75%	98.75%	99.37%	YES	$ 12,548.38	$ 2.01	$ 719.45	$ 2,574,862.00	8.00	2027	24	14.23 MW/Circuit	DA	2	
36.67%	39.63%	39.63%	38.82%	38.99%	YES	$ 12,548.38	$ 2.01	$ 719.45	$ 2,574,862.00	8.00	2027	24	14.23 MW/Circuit	DA	2	
26.51%	32.05%	33.49%	36.39%	39.64%	YES	$ 53,606.95	$ 10.06	$ 3,673.46	$ 24,879,000.00	9.01	2026	24	5.38 MW/Circuit	DA	1	
92.61%	93.20%	92.70%	92.80%	92.30%	YES	$ 1,156.20	$ 1.99	$ 148.72	$ 1,554,350.24	7.66	2026	13	3.20 MW/Circuit	DA	2	
113.75%	140.21%	165.00%	203.96%	239.58%	YES	$ 1,156.20	$ 1.99	$ 148.72	$ 1,554,350.24	7.66	2026	13	3.20 MW/Circuit	DA	2	
62.33%	62.13%	62.13%	62.49%	64.54%	YES	$ 25,646.05	$ 9.06	$ 3,245.35	$ 4,560,772.75	4.00	2025	13	4.89 MW/Circuit	DA	2	
[redacted]					YES	$ 25,646.05	$ 9.06	$ 3,245.35	$ 4,560,772.75	4.00	2025	13	4.89 MW/Circuit	DA	2	
27.97%	29.24%	30.87%	32.87%	34.14%	YES	$ 5,536.91	$ 46.90	$ 703.55	$ 1,634,931.92	14.44	2025	12	3.51 MW/Circuit	DA	1	
130.85%	130.69%	159.20%	160.70%	164.72%	YES	$ 4,941.63	$ 0.98	$ 358.70	$ 1,084,000.00	10.00	2026	24	19.70 MW/Circuit	DA	1	
[redacted]					YES	$ 22,127.57	$ 3.67	$ 1,339.66	$ 6,610,000.00	15.00	2027	24	29.00 MW/Circuit	DA	1	
[redacted]					YES	$ 27,984.53	$ 18.14	$ 3,258.11	$ 14,309,494.44	8.00	2024	22	12.40 MW/Circuit	DA	4	
0.00%	0.00%	4.56%	4.26%	4.26%	YES	$ 27,984.53	$ 18.14	$ 3,258.11	$ 14,309,494.44	8.00	2024	22	12.40 MW/Circuit	DA	4	
0.00%	0.00%	2.79%	2.79%	2.79%	YES	$ 27,984.53	$ 18.14	$ 3,258.11	$ 14,309,494.44	8.00	2024	22	12.40 MW/Circuit	DA	4	
22.00%	22.75%	30.83%	31.47%	31.68%	YES	$ 27,984.53	$ 18.14	$ 3,258.11	$ 14,309,494.44	8.00	2024	22	12.40 MW/Circuit	DA	4	
60.55%	62.97%	66.87%	62.58%	65.33%	YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
3.42%	3.23%	3.05%	3.23%	3.23%	YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
3.37%	3.19%	2.73%	3.01%	3.73%	YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
4.99%	4.99%	4.99%	5.45%	5.82%	YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
[redacted]					YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
[redacted]					YES	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2023	18	11.33 MW/Circuit	DA	5	
162.50%	165.97%	165.97%	177.08%	185.42%	YES	$ 3,335.72	$ 0.66	$ 239.76	$ 1,281,255.68	13.35	2026	24	0.25 MW/Circuit	DA	1	
End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End

External	External
AACE Level of Cost Estimate	Project History
Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 2	New
Cost estimate is generally equivalent to AACE Estimate Class 3	New
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
Cost estimate is generally equivalent to AACE Estimate Class 1	Existing
Cost estimate is generally equivalent to AACE Estimate Class 3	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 2	New
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 2	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	Existing
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
Cost estimate is generally equivalent to AACE Estimate Class 5	New
End	End

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
	DDOR_2023_D131	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	Crabtree	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											4.40	22.40	13-20	8	Summer	21	50	2028
											7.70	50.00	12-22	11	Summer	31	95	2029
											14.80	128.30	1, 10-24	16	Year Round	31	155	2030
											17.40	168.70	1-3, 10-24	18	Year Round	31	270	2031
											17.60	167.70	1-2, 10-24	17	Year Round	31	280	2032
	DDOR_2023_D133	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	Tips	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.60	1.10	17-18	2	Summer	5	15	2029
											16.30	144.40	1, 11-24	15	Year Round	31	165	2030
											45.30	547.10	1-24	24	Year Round	31	365	2031
											45.30	548.60	1-24	24	Year Round	31	365	2032
GNA_2023_299	DDOR_2023_D132	Tier 2	DDOR_2023_4800	Saugus 66/16 (D)	null	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											6.20	14.10	15-18	4	Summer	5	15	2027
											9.80	28.30	14-17	4	Summer	5	15	2028
											13.70	46.30	14-18	5	Summer	5	15	2029
											18.50	86.80	13-19	7	Summer	6	15	2030
											17.90	83.50	13-19	7	Summer	7	20	2031
											19.20	86.80	13-19	7	Summer	10	25	2032
	DDOR_2023_D127	Tier 2	DDOR_2023_4800	Elizabeth Lake 66/16 (D)	Guitar	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											1.90	9.80	12-19	8	Summer	6	15	2029
											6.20	50.10	10-22	13	Winter, Summer	31	100	2030
											7.60	68.30	9-23	15	Year Round	31	120	2031
											7.70	70.10	9-24	16	Year Round	31	120	2032
	DDOR_2023_D129	Tier 2	DDOR_2023_4800	Newhall 66/16 (D)	Gavin	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											2.40	9.70	14-19	6	Summer	6	15	2029
											5.00	28.20	12-20	9	Summer	14	40	2030
											6.80	46.00	12-23	12	Summer	21	55	2031
											6.90	50.90	11-23	13	Summer	24	65	2032
	DDOR_2023_D130	Tier 2	DDOR_2023_4800	Newhall 66/16 (D)	null	Capacity	3/31/2028	$ 118,812,805.00	$ 127,501.53	$ 17,821,920.75	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.00	0.00	0	0	N/A	0	0	2030
											0.00	0.00	0	0	N/A	0	0	2031
											0.20	0.20	16	1	Summer	5	15	2032
GNA_2023_348	DDOR_2023_D263	Tier 2	DDOR_2023_DSP33809_631068	Yucaipa 66/12 (D)	Conine	Capacity (UCT)	4/1/2026	$ 587,916.05	$ 4,528.64	$ 88,187.41	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											6.80	48.10	11-22	12	Spring, Summer	29	95	2026
											11.20	99.60	8-24	17	Year Round	31	215	2027
											8.80	70.80	10-23	14	Year Round	31	135	2028
											10.90	97.30	1, 8-24	18	Year Round	31	195	2029
											10.40	91.50	1, 8-24	18	Year Round	31	185	2030
											10.50	93.00	1, 8-24	18	Year Round	31	190	2031
											10.70	93.60	8-24	17	Year Round	31	200	2032
GNA_2023_344	DDOR_2023_D295	Tier 3	DDOR_2023_DSP36066_430012	West Riverside 33/12 (D)	null	Capacity	6/1/2026	$ 6,430,263.40	$ 34,003.88	$ 964,539.51	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.30	0.50	15-16	2	Summer	5	15	2025
											2.50	10.90	11-17	7	Spring, Summer	22	75	2026
											3.40	14.40	9-16, 23-24	10	Year Round	31	140	2027
											3.50	18.10	12-20	9	Year Round	27	125	2028
											3.70	22.80	1, 8-17, 21-24	15	Year Round	30	155	2029
											4.50	36.50	1, 8-24	18	Year Round	31	195	2030
											3.80	29.30	1-2, 8-17, 19-24	18	Year Round	31	180	2031
											4.60	32.30	1, 8-24	18	Year Round	30	220	2032
GNA_2023_345	DDOR_2023_D299	Tier 3	DDOR_2023_DSP36066_430012	West Riverside 33/12 (D)	Winnebago	Capacity	6/1/2026	$ 6,430,263.40	$ 34,003.88	$ 964,539.51	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											6.02	37.20	12-21	10	Summer	25	70	2026

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											10.52	84.10	11-24	14	Spring, Summer	30	110	2027
											10.61	94.10	11-24	14	Spring, Summer	30	110	2028
											10.74	95.70	11-24	14	Spring, Summer	30	110	2029
											10.89	97.90	11-24	14	Spring, Summer	30	110	2030
											11.07	99.90	11-24	14	Spring, Summer	30	115	2031
											11.33	98.40	11-24	14	Spring, Summer	31	115	2032
GNA_2023_139	DDOR_2023_D298	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Galena	Capacity (UCT)	6/1/2026	$ 6,430,263.40	$ 34,003.88	$ 964,539.51	0.40	0.60	16-17	2	Summer	5	15	2023
											0.60	1.10	16-18	3	Summer	5	15	2024
											0.60	1.20	16-18	3	Summer	5	15	2025
											0.60	1.20	16-18	3	Summer	5	15	2026
											0.60	1.30	16-18	3	Summer	5	15	2027
											0.50	1.00	16-18	3	Summer	5	15	2028
											0.50	1.00	16-18	3	Summer	5	15	2029
											0.50	1.00	16-18	3	Summer	5	15	2030
											0.60	1.20	16-18	3	Summer	5	15	2031
											0.60	1.30	16-18	3	Summer	5	15	2032
GNA_2023_138	DDOR_2023_D297	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Blackhills	Capacity (UCT)	6/1/2026	$ 6,430,263.40	$ 34,003.88	$ 964,539.51	0.00	0.00	0	0	N/A	0	0	2023
											0.50	0.70	15-17	3	Summer	5	15	2024
											0.50	0.70	16-17	2	Summer	5	15	2025
											0.40	1.00	15-17	3	Summer	5	15	2026
											0.40	0.90	15-17	3	Summer	5	15	2027
											0.40	0.50	16-17	2	Summer	5	15	2028
											0.40	0.50	16-17	2	Summer	5	15	2029
											0.30	0.40	16-17	2	Summer	5	15	2030
											0.30	0.50	16-17	2	Summer	5	15	2031
											0.40	0.90	15-18	4	Summer	5	15	2032
GNA_2023_137	DDOR_2023_D296	Tier 3	DDOR_2023_DSP36066_430012	Glen Avon 66/12 (D)	Anderson	Capacity (UCT)	6/1/2026	$ 6,430,263.40	$ 34,003.88	$ 964,539.51	0.20	0.40	16-17	2	Summer	5	15	2023
											0.50	1.00	16-18	3	Summer	5	15	2024
											0.50	1.00	16-18	3	Summer	5	15	2025
											0.40	0.90	16-18	3	Summer	5	15	2026
											0.40	0.40	16	1	Summer	5	15	2027
											0.40	0.70	16-18	3	Summer	5	15	2028
											0.40	0.70	16-18	3	Summer	5	15	2029
											0.30	0.50	16-18	3	Summer	5	15	2030
											0.40	0.70	16-18	3	Summer	5	15	2031
											0.40	0.40	16	1	Summer	5	15	2032
GNA_2023_191	DDOR_2023_D278	Tier 2	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Matterhorn	Capacity (UCT)	6/1/2027	$ 4,057,000.00	$ 40,158.16	$ 608,550.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											1.20	3.60	15-19	5	Summer	10	20	2027
											2.10	8.60	14-20	7	Summer	16	30	2028
											3.30	17.60	13-21	9	Summer	31	65	2029
											5.00	29.70	13-22	10	Summer	31	120	2030
											6.90	50.80	11-24	14	Spring, Summer	31	155	2031
											6.90	56.60	11-24	14	Spring, Summer	31	140	2032
	DDOR_2023_D277	Tier 2	DDOR_2023_DSP35933_834002	Mira Loma 66/12 (D)	Fujiyama	Capacity (UCT)	6/1/2027	$ 4,057,000.00	$ 40,158.16	$ 608,550.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.10	0.10	17	1	Summer	5	15	2029
											0.10	0.10	17	1	Summer	5	15	2030
											0.10	0.20	17-18	2	Summer	5	15	2031
											0.20	0.30	17-18	2	Summer	5	15	2032
	DDOR_2023_D276	Tier 2	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Swiss	Capacity (UCT)	6/1/2027	$ 4,057,000.00	$ 40,158.16	$ 608,550.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.00	0.00	0	0	N/A	0	0	2030
											1.20	3.50	16-19	4	Summer	6	15	2031
											1.50	4.90	15-20	6	Summer	6	15	2032
GNA_2023_13	DDOR_2023_D275	Tier 2	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	Danish	Capacity (UCT)	6/1/2027	$ 4,057,000.00	$ 40,158.16	$ 608,550.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.00	0.00	0	0	N/A	0	0	2030
											0.00	0.00	0	0	N/A	0	0	2031
											0.20	0.30	17-18	2	Summer	5	15	2032
	DDOR_2023_D274	Tier 2	DDOR_2023_DSP35933_834002	Archibald 66/12 (D)	null	Capacity	6/1/2027	$ 4,057,000.00	$ 40,158.16	$ 608,550.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.00	0.00	0	0	N/A	0	0	2030

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											0.00	0.00	0	0	N/A	0	0	2031
											1.00	1.80	17-18	2	Summer	5	15	2032
GNA_2023_153	DDOR_2023_D291	Tier 1	DDOR_2023_DSP36006_634064	Kimball 66/12 (D)	Phantom	Capacity (UCT)	5/1/2026	$ 4,285,949.83	$ 112,908.41	$ 642,892.47	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.70	1.80	15-18	4	Summer	5	15	2025
											3.20	20.30	11-22	12	Summer	25	65	2026
											3.20	19.90	11-21	11	Summer	24	60	2027
											3.20	21.70	12-22	11	Summer	29	80	2028
											3.20	18.90	11-21	11	Summer	27	75	2029
											3.30	20.90	11-21	11	Summer	27	75	2030
											3.30	21.30	11-21	11	Summer	30	80	2031
											3.40	23.30	11-22	12	Summer	27	70	2032
GNA_2023_13	DDOR_2023_D293	Tier 1	DDOR_2023_DSP36012_634065	Archibald 66/12 (D)	Danish	Capacity (UCT)	6/1/2026	$ 3,854,428.27	$ 32,514.41	$ 578,164.24	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											10.10	78.50	12-24	13	Spring, Summer	31	110	2026
											10.20	79.80	12-24	13	Spring, Summer	31	110	2027
											10.20	96.40	1-3, 11-24	17	Spring, Summer	31	115	2028
											10.30	81.50	1, 12-24	14	Spring, Summer	31	120	2029
											9.70	73.80	12-24	13	Spring, Summer	31	105	2030
											10.30	82.40	1, 12-24	14	Spring, Summer	31	120	2031
											10.70	87.70	1, 12-24	14	Spring, Summer	31	120	2032
GNA_2023_134	DDOR_2023_D261	Tier 3	DDOR_2023_DSP33061_479085	Garnet 115/33 (D)	Palmview	Capacity	6/1/2027	$ 6,610,000.00	$ 22,127.57	$ 991,500.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											11.00	119.00	7-24	18	Year Round	31	205	2027
											28.00	458.70	1-24	24	Year Round	31	365	2028
											28.10	456.00	1-24	24	Year Round	31	365	2029
											28.30	462.80	1-24	24	Year Round	31	365	2030
											28.50	465.80	1-24	24	Year Round	31	365	2031
											29.00	479.00	1-24	24	Year Round	31	365	2032
GNA_2023_135	DDOR_2023_D172	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Palmview	Reliability, Capacity	6/1/2026	$ 13,623,704.42	$ 21,596.76	$ 2,043,555.66	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											25.50	382.70	1-24	24	Year Round	31	365	2026
											16.70	212.60	1-3, 5-24	23	Year Round	31	320	2027
											33.70	565.50	1-24	24	Year Round	31	365	2028
											33.90	563.40	1-24	24	Year Round	31	365	2029
											34.10	571.00	1-24	24	Year Round	31	365	2030
											34.40	575.80	1-24	24	Year Round	31	365	2031
											35.10	593.30	1-24	24	Year Round	31	365	2032
GNA_2023_132	DDOR_2023_D170	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Coachella	Reliability, Capacity	6/1/2026	$ 13,623,704.42	$ 21,596.76	$ 2,043,555.66	7.40	32.60	12-18	7	Summer	15	25	2023
											9.20	50.80	12-20	9	Summer	21	55	2024
											9.00	47.50	11-19	9	Summer	20	50	2025
											8.80	46.00	11-19	9	Summer	21	55	2026
											8.80	49.00	12-20	9	Summer	21	50	2027
											8.80	46.60	11-19	9	Summer	22	50	2028
											9.10	55.10	12-20	9	Summer	22	55	2029
											9.40	56.20	12-21	10	Summer	24	60	2030
											9.80	56.20	11-19	9	Summer	24	60	2031
											11.40	76.30	11-21	11	Summer	27	70	2032
GNA_2023_136	DDOR_2023_D173	Tier 3	DDOR_2023_8314_579015	Garnet 115/33 (D)	Townhall	Reliability, Capacity	6/1/2026	$ 13,623,704.42	$ 21,596.76	$ 2,043,555.66	1.40	4.70	12-16	5	Summer	8	20	2023
											10.10	97.80	7-22	16	Year Round	31	145	2024
											9.80	89.80	7-22	16	Spring, Summer	31	135	2025
											9.70	93.10	7-22	16	Year Round	31	130	2026
											9.60	92.10	7-22	16	Spring, Summer	31	130	2027
											9.50	90.50	7-22	16	Spring, Summer	31	135	2028
											9.80	96.50	7-22	16	Year Round	31	140	2029
											10.10	100.50	7-23	17	Year Round	31	145	2030
											10.50	103.10	7-23	17	Year Round	31	140	2031
											11.70	125.80	7-24	18	Year Round	31	160	2032
GNA_2023_298	DDOR_2023_D4	Tier 2	DDOR_2023_06328_459030	Saugus 66/16 (D)	Crabtree	Capacity (UCT)	6/1/2026	$ 564,311.00	$ 8,800.39	$ 84,646.65	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											2.80	12.00	14-19	6	Summer	7	20	2026
											5.70	32.90	13-21	9	Summer	25	70	2027
											1.00	2.60	15-18	4	Summer	5	15	2028
											1.00	2.40	16-18	3	Summer	5	15	2029
											4.30	21.00	14-21	8	Summer	27	65	2030
											4.10	21.80	14-21	8	Summer	26	65	2031
											4.30	21.20	14-21	8	Summer	30	65	2032
GNA_2023_300	DDOR_2023_D5	Tier 2	DDOR_2022_06328_459030	Saugus 66/16 (D)	Tips	Capacity (UCT)	6/1/2026	$ 564,311.00	$ 8,800.39	$ 84,646.65	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											2.60	14.10	13-20	8	Winter, Summer	12	35	2026
											5.10	38.20	11-24	14	Winter, Summer	31	155	2027
											1.90	8.10	14-21	8	Summer	12	30	2028
											1.90	7.10	15-20	6	Summer	12	20	2029
											1.90	6.80	15-20	6	Summer	12	25	2030
											3.90	20.70	14-22	9	Summer	23	55	2031
											3.90	20.70	14-22	9	Summer	23	55	2032
GNA_2023_6	DDOR_2023_D283	Tier 1	DDOR_2023_DSP35973	Aqueduct 115/12 (D)	null	Capacity	6/1/2027	$ 4,881,221.22	$ 22,454.27	$ 732,183.18	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											4.06	7.40	16-17	2	Summer	5	15	2027
											6.28	18.00	15-18	4	Summer	5	15	2028
											10.54	37.60	14-19	6	Summer	6	15	2029
											15.24	64.60	14-20	7	Summer	10	20	2030
											18.22	85.70	14-20	7	Summer	11	30	2031
											19.13	93.70	14-21	8	Summer	14	35	2032
GNA_2023_152	DDOR_2023_D207	Tier 2	DDOR_2023_8467_434561	Kimball 66/12 (D)	Hellcat	Capacity (UCT)	6/1/2024	$ 2,467,916.69	$ 14,702.36	$ 370,187.50	0.00	0.00	0	0	N/A	0	0	2023
											5.50	72.80	1-24	24	Year Round	31	365	2024
											6.00	97.70	1-24	24	Year Round	31	365	2025
											9.40	169.50	1-24	24	Year Round	31	365	2026
											9.90	178.70	1-24	24	Year Round	31	365	2027
											10.30	187.90	1-24	24	Year Round	31	365	2028
											11.50	212.60	1-24	24	Year Round	31	365	2029
											12.90	238.10	1-24	24	Year Round	31	365	2030
											13.80	255.90	1-24	24	Year Round	31	365	2031
											13.80	258.10	1-24	24	Year Round	31	365	2032
GNA_2023_141	DDOR_2023_D238	Tier 3	DDOR_2023_8551_652012	Goldtown 66/12 (D)	null	Capacity	6/1/2026	$ 4,560,772.75	$ 25,646.05	$ 684,115.91	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											6.78	33.20	11-20	10	Year Round	31	365	2025
											10.59	75.20	10-21	12	Year Round	31	365	2026
											14.39	115.50	10-22	13	Year Round	31	365	2027
											14.39	114.40	10-22	13	Year Round	31	365	2028
											14.36	115.40	10-22	13	Year Round	31	365	2029
											14.36	115.80	10-22	13	Year Round	31	365	2030
											14.41	116.70	10-22	13	Year Round	31	365	2031
											14.67	121.40	10-22	13	Year Round	31	365	2032
GNA_2023_140	DDOR_2023_D239	Tier 3	DDOR_2023_8551_652012	Goldtown 66/12 (D)	Carbon	Capacity	6/1/2026	$ 4,560,772.75	$ 25,646.05	$ 684,115.91	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.89	2.40	13-16	4	Spring, Summer	31	90	2026
											0.87	2.30	13-16	4	Spring, Summer	31	85	2027
											0.85	2.30	13-16	4	Spring, Summer	31	95	2028
											0.83	2.10	13-16	4	Spring, Summer	30	85	2029
											0.83	2.10	13-16	4	Summer	30	85	2030
											0.87	2.30	13-16	4	Spring, Summer	31	85	2031
											1.11	3.30	13-16	4	Spring, Summer	31	110	2032
GNA_2023_199	DDOR_2023_D282	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Taiwan	Capacity (UCT)	5/1/2027	$ 4,491,000.00	$ 38,181.86	$ 673,650.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											1.90	9.00	14-21	8	Summer	20	40	2027
											7.10	59.80	11-24	14	Winter, Summer	31	120	2028
											8.70	78.70	1, 11-24	15	Winter, Summer	31	140	2029
											8.80	75.20	1, 11-24	15	Year Round	31	155	2030
											8.90	77.90	1, 11-24	15	Year Round	31	225	2031
											9.10	86.30	1-2, 10-24	17	Year Round	31	185	2032
GNA_2023_197	DDOR_2023_D279	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Korea	Capacity (UCT)	5/1/2027	$ 4,491,000.00	$ 38,181.86	$ 673,650.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.40	1.30	16-19	4	Summer	5	15	2027
											0.50	1.60	16-19	4	Summer	6	15	2028
											0.50	1.70	16-19	4	Summer	6	15	2029
											0.50	1.90	15-19	5	Summer	7	15	2030
											0.70	2.80	15-22	8	Summer	10	20	2031
											0.80	3.40	15-20	6	Summer	10	20	2032
GNA_2023_198	DDOR_2023_D280	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Siam	Capacity (UCT)	5/1/2027	$ 4,491,000.00	$ 38,181.86	$ 673,650.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.40	0.80	16-18	3	Summer	5	15	2027
											0.50	1.00	16-18	3	Summer	5	15	2028
											0.50	1.10	16-18	3	Summer	5	15	2029
											0.60	1.30	15-18	4	Summer	5	15	2030
											0.70	1.80	15-18	4	Summer	5	15	2031
											0.90	2.50	15-19	5	Summer	5	15	2032
	DDOR_2023_D281	Tier 2	DDOR_2023_DSP35959_629034	Modena 66/12 (D)	Sudan	Capacity (UCT)	5/1/2027	$ 4,491,000.00	$ 38,181.86	$ 673,650.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	16-17	2	Summer	5	15	2028
											0.00	0.00	16-17	2	Summer	5	15	2029
											0.10	0.20	16-18	3	Summer	5	15	2030
											0.20	0.60	16-19	4	Summer	5	15	2031
											0.30	0.80	16-18	3	Summer	5	15	2032
GNA_2023_128	DDOR_2023_D285	Tier 2	DDOR_2023_DSP35986_634070_	Francis 66/12 (D)	Kadota	Capacity (UCT)	6/1/2026	$ 7,818,000.00	$ 62,387.24	$ 1,172,700.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											1.50	5.40	14-19	6	Summer	7	20	2026
											1.70	6.50	14-19	6	Summer	8	20	2027
											1.80	6.60	14-19	6	Summer	7	15	2028

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											2.10	8.60	14-19	6	Summer	7	20	2029
											2.40	10.70	14-19	6	Summer	9	25	2030
											2.80	13.00	13-19	7	Summer	11	30	2031
											3.20	17.10	13-20	8	Summer	17	45	2032
GNA_2023_129	DDOR_2023_D286	Tier 2	DDOR_2023_DSP35986_634070_(	Francis 66/12 (D)	Marbuck	Capacity	6/1/2026	$ 7,818,000.00	$ 62,387.24	$ 1,172,700.00	0.60	1.50	14-17	4	Summer	5	15	2023
											1.40	5.60	13-18	6	Summer	9	20	2024
											1.60	6.90	13-18	6	Summer	9	25	2025
											1.90	9.10	12-19	8	Summer	13	30	2026
											2.40	14.80	11-19	9	Summer	19	50	2027
											2.80	16.20	11-20	10	Summer	19	55	2028
											2.90	17.50	11-20	10	Summer	22	60	2029
											2.90	18.20	11-20	10	Summer	24	65	2030
											3.00	18.30	11-20	10	Summer	24	65	2031
											3.00	21.70	10-22	13	Summer	24	65	2032
GNA_2023_130	DDOR_2023_D284	Tier 2	DDOR_2023_DSP35986_634070_(	Francis 66/12 (D)	null	Capacity	6/1/2026	$ 7,818,000.00	$ 62,387.24	$ 1,172,700.00	3.20	5.70	15-17	3	Summer	5	15	2023
											2.80	4.70	16-17	2	Summer	5	15	2024
											3.00	5.20	16-17	2	Summer	5	15	2025
											2.20	4.80	15-17	3	Summer	5	15	2026
											4.30	12.30	15-18	4	Summer	5	15	2027
											4.40	10.20	15-18	4	Summer	5	15	2028
											4.40	10.20	15-18	4	Summer	5	15	2029
											4.70	11.70	15-18	4	Summer	5	15	2030
											4.60	11.40	15-18	4	Summer	5	15	2031
											5.10	16.40	14-18	5	Summer	5	15	2032
GNA_2023_35	DDOR_2023_D290	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	null	Capacity	6/1/2026	$ 14,309,494.44	$ 27,984.53	$ 2,146,424.17	0.00	0.00	0	0	N/A	0	0	2023
											7.70	35.70	13-19	7	Summer	14	20	2024
											7.70	35.80	14-19	6	Summer	13	15	2025
											14.20	83.60	13-20	8	Summer	25	40	2026
											20.70	131.70	12-21	10	Summer	29	55	2027
											20.30	136.40	11-21	11	Summer	29	70	2028
											21.40	134.00	12-21	10	Summer	29	60	2029
											27.90	191.80	11-22	12	Summer	30	80	2030
											28.00	191.00	12-22	11	Summer	29	75	2031
											28.00	209.50	10-22	13	Summer	29	75	2032
GNA_2023_34	DDOR_2023_D287	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Chanslor	Capacity	6/1/2026	$ 14,309,494.44	$ 27,984.53	$ 2,146,424.17	0.00	0.00	0	0	N/A	0	0	2023
											3.70	16.20	10-16	7	Summer	31	105	2024
											3.60	16.10	10-16	7	Summer	31	105	2025
											5.70	35.10	8-17, 20-21	12	Spring, Summer	31	135	2026
											7.90	67.50	7-22	16	Year Round	31	180	2027
											8.10	68.00	7-22	16	Year Round	31	175	2028
											8.80	79.80	7-23	17	Year Round	31	190	2029
											11.70	134.00	1, 6-24	20	Year Round	31	310	2030
											12.20	144.70	1, 5-24	21	Year Round	31	330	2031
											12.40	148.90	1-2, 5-24	22	Year Round	31	335	2032
	DDOR_2023_D288	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Lagoon	Capacity	6/1/2026	$ 14,309,494.44	$ 27,984.53	$ 2,146,424.17	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											1.50	5.40	14-19	6	Summer	5	15	2030
											1.40	5.60	14-19	6	Summer	6	15	2031
											1.40	5.30	14-18	5	Summer	8	15	2032
	DDOR_2023_D289	Tier 3	DDOR_2023_DSP35993_687004	Blythe 33/33 (D)	Neighbors	Capacity	6/1/2026	$ 14,309,494.44	$ 27,984.53	$ 2,146,424.17	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.80	2.20	12-16	5	Summer	12	25	2030
											0.80	2.20	12-16	5	Summer	15	30	2031
											0.80	2.20	13-16	4	Summer	10	20	2032
GNA_2023_149	DDOR_2023_D260	Tier 3	DDOR_2023_DSP28304_588018	Ivyglen 115/12 (D)	Conestoga	Capacity	6/1/2026	$ 1,084,000.00	$ 4,941.63	$ 162,600.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											11.17	100.20	1, 8-24	18	Year Round	31	185	2026
											11.15	109.10	1-2, 7-24	20	Year Round	31	175	2027
											15.65	185.10	1-24	24	Year Round	31	315	2028
											15.63	187.60	1-24	24	Year Round	31	320	2029
											19.04	250.40	1-24	24	Year Round	31	345	2030
											19.22	255.50	1-24	24	Year Round	31	350	2031
											19.70	271.40	1-24	24	Year Round	31	365	2032
GNA_2023_78	DDOR_2023_D175	Tier 3	DDOR_2023_8325_539012	Colonia 66/16 (D)	Beardsley	Capacity (UCT)	6/1/2027	$ 2,574,862.00	$ 12,548.38	$ 386,229.30	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											5.80	77.30	1-24	24	Year Round	31	365	2027
											12.30	220.00	1-24	24	Year Round	31	365	2028
											14.20	263.00	1-24	24	Year Round	31	365	2029
											14.20	263.90	1-24	24	Year Round	31	365	2030
											14.20	264.90	1-24	24	Year Round	31	365	2031
											14.23	264.30	1-24	24	Year Round	31	365	2032

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
GNA_2023_79	DDOR_2023_D176	Tier 3	DDOR_2023_8325_539012	Colonia 66/16 (D)	Broome	Capacity (UCT)	6/1/2027	$ 2,574,862.00	$ 12,548.38	$ 386,229.30	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											1.80	12.10	9-18	10	Summer	31	110	2027
											5.20	69.70	1-24	24	Year Round	31	325	2028
											5.50	78.20	1-24	24	Year Round	31	335	2029
											5.50	79.70	1-24	24	Year Round	31	335	2030
											5.40	77.70	1-24	24	Year Round	31	335	2031
											5.40	76.40	1-24	24	Year Round	31	340	2032
GNA_2023_333	DDOR_2023_D249	Tier 1	DDOR_2023_8566	Vail 66/16 (D)	null	Capacity	6/1/2026	$ 2,140,065.84	$ 11,886.09	$ 321,009.88	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											1.80	3.20	15-16	2	Summer	5	15	2025
											5.60	18.60	13-17	5	Summer	5	15	2026
											11.10	49.30	13-18	6	Summer	5	15	2027
											11.50	52.70	13-18	6	Summer	6	15	2028
											12.50	58.30	12-18	7	Summer	6	15	2029
											14.00	60.20	13-18	6	Summer	5	15	2030
											14.90	68.80	13-19	7	Summer	6	20	2031
											15.00	76.90	12-19	8	Summer	6	15	2032
GNA_2023_292	DDOR_2023_D247	Tier 3	DDOR_2023_8560	Santa Monica 66/16 (D)	null	Capacity	6/1/2026	$ 1,634,931.92	$ 5,536.91	$ 245,239.79	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											3.90	13.10	13-18	6	Summer	5	15	2025
											11.50	27.60	16-18	3	Summer	5	15	2026
											19.80	110.80	10-19	10	Summer	5	15	2027
											20.10	151.30	10-20	11	Summer	5	15	2028
											21.10	161.40	10-20	11	Summer	5	15	2029
											22.20	175.30	10-21	12	Summer	5	15	2030
											23.70	193.60	10-21	12	Winter, Summer	6	15	2031
											24.60	163.30	10-20	11	Winter, Summer	7	15	2032
GNA_2023_341	DDOR_2023_D248	Tier 1	DDOR_2023_8562	Washington 66/12 (D)	null	Capacity	6/1/2026	$ 4,134,928.00	$ 28,469.89	$ 620,239.20	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											1.60	3.60	15-17	3	Summer	5	15	2025
											5.40	20.70	14-19	6	Summer	5	15	2026
											11.30	63.00	12-19	8	Summer	9	20	2027
											11.40	62.50	13-20	8	Summer	8	20	2028
											11.50	63.80	13-20	8	Summer	8	20	2029
											11.50	63.40	13-20	8	Summer	6	15	2030
											11.80	66.80	13-20	8	Summer	7	15	2031
											12.10	69.10	12-19	8	Summer	9	20	2032
GNA_2023_332	DDOR_2023_D208	Tier 1	DDOR_2023_8469_577046	Valley 115/12 (D)	Ethanac	Capacity (UCT)	6/1/2026	$ 2,586,008.00	$ 39,870.59	$ 387,901.20	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											1.00	1.90	16-18	3	Summer	5	15	2025
											3.00	10.60	14-19	6	Summer	21	50	2026
											3.20	12.00	14-19	6	Summer	21	50	2027
											3.30	17.10	13-20	8	Summer	21	50	2028
											3.40	17.90	13-20	8	Summer	19	40	2029
											3.50	13.70	14-20	7	Summer	23	55	2030
											3.60	14.40	14-20	7	Summer	23	55	2031
											4.00	16.80	14-20	7	Summer	26	60	2032
	DDOR_2023_D209	Tier 1	DDOR_2023_8469_577046	Valley 115/12 (D)	Jerry	Capacity (UCT)	6/1/2026	$ 2,586,008.00	$ 39,870.59	$ 387,901.20	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.20	0.30	17-18	2	Summer	5	15	2028
											1.00	2.90	16-19	4	Summer	5	15	2029
											1.80	5.70	15-19	5	Summer	14	30	2030
											1.90	6.20	15-19	5	Summer	20	45	2031
											1.90	6.40	15-20	6	Summer	18	30	2032
GNA_2023_53	DDOR_2023_D161	Tier 2	DDOR_2023_8256	Calcity 'A' 33/12 (D)	null	Capacity	6/30/2028	$ 316,017,221.00	$ 233,781.77	$ 47,402,583.15	0.00	0.00	0	0	N/A	0	0	2023
											0.97	3.30	15-19	5	Summer	5	15	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											0.00	0.00	0	0	N/A	0	0	2028
											0.00	0.00	0	0	N/A	0	0	2029
											0.00	0.00	0	0	N/A	0	0	2030
											0.00	0.00	0	0	N/A	0	0	2031
											0.00	0.00	0	0	N/A	0	0	2032
GNA_2023_52	DDOR_2023_D160	Tier 2	DDOR_2023_8256	Calcity 'A' 33/12 (D)	Greasewood	Capacity	6/30/2028	$ 316,017,221.00	$ 233,781.77	$ 47,402,583.15	8.02	128.80	1-24	24	Year Round	31	365	2023
											41.30	830.60	1-24	24	Year Round	31	365	2024
											41.28	828.30	1-24	24	Year Round	31	365	2025
											41.33	829.30	1-24	24	Year Round	31	365	2026
											41.43	828.60	1-24	24	Year Round	31	365	2027
											41.52	842.90	1-24	24	Year Round	31	365	2028
											41.57	837.20	1-24	24	Year Round	31	365	2029
											41.57	837.10	1-24	24	Year Round	31	365	2030
											41.59	836.00	1-24	24	Year Round	31	365	2031
											41.63	833.90	1-24	24	Year Round	31	365	2032
GNA_2023_54	DDOR_2023_D162	Tier 2	DDOR_2023_8256	Calcity 'B' 33/12 (D)	null	Capacity	6/30/2028	$ 316,017,221.00	$ 233,781.77	$ 47,402,583.15	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											1.52	7.60	12-20	9	Summer	5	15	2025
											2.41	14.00	12-20	9	Summer	5	15	2026

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											1.33	5.80	13-20	8	Summer	5	15	2027
											1.18	5.60	14-20	7	Summer	5	15	2028
											2.74	15.50	13-20	8	Summer	5	15	2029
											3.29	22.10	12-21	10	Summer	5	15	2030
											3.98	30.20	10-22	13	Summer	6	15	2031
											1.45	7.50	13-20	8	Summer	5	15	2032
GNA_2023_55	DDOR_2023_D163	Tier 2	DDOR_2023_8256	Calcity 'B' 33/12 (D)	Overall	Capacity	6/30/2028	$ 316,017,221.00	$ 233,781.77	$ 47,402,583.15	12.28	218.30	1-24	24	Year Round	31	365	2023
											13.54	241.60	1-24	24	Year Round	31	365	2024
											58.63	1191.70	1-24	24	Year Round	31	365	2025
											84.54	1735.80	1-24	24	Year Round	31	365	2026
											84.54	1736.10	1-24	24	Year Round	31	365	2027
											84.54	1740.90	1-24	24	Year Round	31	365	2028
											84.54	1739.40	1-24	24	Year Round	31	365	2029
											84.54	1740.30	1-24	24	Year Round	31	365	2030
											84.57	1739.50	1-24	24	Year Round	31	365	2031
											84.67	1740.50	1-24	24	Year Round	31	365	2032
GNA_2023_334	DDOR_2023_S2	Tier 3	DDOR_2023_6092	Valley 'EFG' 500/115 (S)	null	Capacity	6/30/2029	$ 472,440,026.00	$ 138,477.21	$ 70,866,003.90	223.40	948.10	13-19	7	Summer	13	30	2023
											235.20	1133.90	13-20	8	Summer	8	20	2024
											246.40	1229.90	13-20	8	Summer	8	25	2025
											269.10	1407.70	13-20	8	Summer	12	35	2026
											287.70	1553.60	13-20	8	Summer	14	35	2027
											298.40	1374.10	13-20	8	Summer	20	50	2028
											307.50	1711.50	13-20	8	Summer	15	40	2029
											319.70	1815.20	13-20	8	Summer	16	45	2030
											331.10	1909.60	13-21	9	Summer	18	45	2031
											347.00	2055.20	12-21	10	Summer	20	45	2032
GNA_2023_290	DDOR_2023_S27	Tier 2	DDOR_2023_TSP ABank36183	Santa Clara 220/66 (S)	null	Reliability, Capacity	12/31/2026	$ 80,000,000.00	$ 54,822.36	$ 12,000,000.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											19.40	72.50	14-18	5	Summer	5	15	2027
											53.50	272.70	12-21	10	Summer	12	30	2028
											101.80	879.70	10-22	13	Summer	22	65	2029
											107.30	932.90	10-23	14	Summer	23	70	2030
											116.00	1092.70	10-23	14	Winter, Summer	26	100	2031
											125.00	1319.10	9-23	15	Year Round	28	145	2032
GNA_2023_296	DDOR_2023_S40	Tier 1	DDOR_2023_TSP STL36152	Irvine 66/12 (D)	null	Reliability, Capacity	6/1/2027	$ 20,675,640.00	$ 132,679.12	$ 3,101,346.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											2.30	2.30	18	1	Summer	5	15	2027
											4.30	5.90	17-18	2	Summer	5	15	2028
											5.00	7.20	17-18	2	Summer	5	15	2029
											5.70	13.20	16-19	4	Summer	5	15	2030
											8.60	23.90	16-19	4	Summer	5	15	2031
											14.10	33.30	16-19	4	Summer	5	15	2032
GNA_2023_196	DDOR_2023_S33	Tier 1	DDOR_2023_TSP STL36098	Corona 66/12 (D)	null	Capacity	6/1/2026	$ 15,330,591.34	$ 69,773.11	$ 2,299,588.70	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											10.00	33.10	13-17	5	Summer	5	15	2026
											11.00	33.50	14-17	4	Summer	5	15	2027
											11.50	38.30	14-18	5	Summer	5	15	2028
											11.50	38.50	14-18	5	Summer	7	15	2029
											11.50	38.90	14-18	5	Summer	7	15	2030
											13.00	46.90	13-18	6	Summer	6	15	2031
											20.00	86.00	13-18	6	Summer	8	20	2032
GNA_2023_155	DDOR_2023_S28	Tier 2	DDOR_2023_TSP STL34903	Tahiti 66/16 (D)	null	Capacity	6/1/2026	$ 116,077.67	$ 594.33	$ 17,411.65	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											1.60	2.90	16-18	3	Summer	5	15	2026
											8.00	46.90	11-21	11	Winter, Summer	7	25	2027
											9.00	47.90	18-24	7	Winter, Summer	12	45	2028
											10.30	58.50	18-24	7	Winter, Summer	16	60	2029
											12.20	72.90	1, 17-24	9	Winter, Summer	28	105	2030
											15.30	93.30	1-2, 9-10, 16-24	13	Year Round	31	185	2031
											18.10	161.40	1-4, 8-24	21	Year Round	31	365	2032
	DDOR_2023_S19	Tier 3	DDOR_2023_8438	Santa Clara 220/66 (S)	null	Reactive Power	6/1/2026	$ 1,554,350.24	$ 1,156.20	$ 233,152.54	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.00	0.00	0	0	N/A	0	0	2027
											47.00	176.40	13-18	6	Summer	6	15	2028
											57.00	312.40	12-19	8	Summer	5	15	2029
											67.00	341.50	12-21	10	Summer	5	15	2030
											82.00	524.60	11-22	12	Summer	9	25	2031
											96.00	778.10	10-22	13	Summer	13	40	2032
GNA_2023_62	DDOR_2023_S18	Tier 3	DDOR_2023_8438	Channel Island 66/16 (D)	null	Reliability, Voltage	6/1/2026	$ 1,554,350.24	$ 1,156.20	$ 233,152.54	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											10.00	43.70	18-24	7	Winter, Summer	31	160	2026
											8.00	33.00	19-24	6	Winter, Summer	28	50	2027
											15.00	81.50	9-11, 18-24	10	Year Round	31	345	2028
											11.00	55.50	18-24	7	Winter, Summer	31	210	2029
											14.00	78.50	1, 18-24	8	Year Round	31	340	2030

GNA ID	DDOR ID	Tier	DDOR Project ID	Substation/Subtransmission line	Circuit	Distribution Service Required	Operating Date	Unit Cost of Traditional Mitigation	LNBA Value ($/MW-yr)	Contingency Plan	Capacity (MW)	Energy Need (MWh)	Hour of Day	Duration	Time of Year	Monthly Frequency	Yearly Frequency	Year
											14.00	77.90	18-24	7	Year Round	31	365	2031
											16.00	92.60	1, 9-11, 18-24	11	Year Round	31	365	2032
GNA_2023_268	DDOR_2023_S43	Tier 3	DDOR_2023_TSP STV36155	Rio Hondo 220/66 (S)	null	Reactive Power	6/1/2026	$ 1,281,255.68	$ 3,335.72	$ 192,188.35	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											16.00	144.60	10-24	15	Year Round	31	170	2026
											21.00	237.50	1-24	24	Year Round	31	345	2027
											24.00	255.70	1-4, 6-24	23	Year Round	31	360	2028
											25.00	274.20	1-24	24	Year Round	31	365	2029
											25.00	278.90	1-24	24	Year Round	31	365	2030
											29.00	348.40	1-24	24	Year Round	31	365	2031
											32.00	445.20	1-24	24	Year Round	31	365	2032
GNA_2023_112	DDOR_2023_S4	Tier 1	DDOR_2023_6698	Elizabeth Lake 66/16 (D)	null	Reliability, Capacity	6/1/2027	$ 1,655,993.00	$ 13,850.53	$ 248,398.95	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											0.00	0.00	0	0	N/A	0	0	2026
											0.60	0.60	16	1	Summer	5	15	2027
											1.50	3.00	15-17	3	Summer	5	15	2028
											3.70	9.70	15-17	3	Summer	5	15	2029
											7.80	27.90	14-18	5	Summer	5	15	2030
											10.80	45.20	14-19	6	Summer	6	15	2031
											11.70	52.70	14-19	6	Summer	7	20	2032
GNA_2023_261	DDOR_2023_S5	Tier 1	DDOR_2023_6871	Riverway 66/12 (D)	null	Reliability, Capacity	6/1/2028	$ 27,035,200.00	$ 95,407.89	$ 4,055,280.00	17.00	81.40	14-20	7	Summer	16	30	2023
											20.00	115.00	12-21	10	Summer	15	35	2024
											17.00	89.80	13-20	8	Summer	11	25	2025
											17.00	83.90	14-20	7	Summer	10	25	2026
											19.00	98.80	13-20	8	Summer	12	30	2027
											20.00	107.30	13-20	8	Summer	17	40	2028
											22.00	140.10	12-22	11	Summer	20	45	2029
											25.00	172.90	12-22	11	Summer	21	50	2030
											27.00	194.10	12-22	11	Summer	22	50	2031
											30.00	202.80	12-22	11	Summer	27	70	2032
GNA_2023_289	DDOR_2023_S17	Tier 3	DDOR_2023_8425	Colonia 66/16 (D)	null	Reliability, Capacity	6/1/2026	$ 24,879,000.00	$ 53,606.95	$ 3,731,850.00	0.00	0.00	0	0	N/A	0	0	2023
											0.00	0.00	0	0	N/A	0	0	2024
											0.00	0.00	0	0	N/A	0	0	2025
											5.00	9.90	14-16	3	Summer	5	15	2026
											21.00	196.10	8-23	16	Year Round	28	215	2027
											34.00	332.90	7-23	17	Year Round	31	330	2028
											37.00	451.40	1-2, 7-24	20	Year Round	31	365	2029
											40.00	450.90	1-3, 6-24	22	Year Round	31	365	2030
											43.00	563.70	1-3, 6-24	22	Year Round	31	365	2031
											43.00	627.50	1-24	24	Year Round	31	365	2032
End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End	End

Attachment E

Joint Prioritization Metrics Workbook

Glossary

Note:

1) This worksheet is only applicable where the utility has three or more candidate deferral projects, anc

2) in the event the utility has one or two candidate deferral projects, the utility will a) develop a recommendation as to the tiering of the projects along with the rationale, and b) review this recommendation with the DPAG.

Step	Column Name	Description
Raw Data	Project ID	The project identifier.
	Project Description	A brief description of the project scope.
	LNBA ($/MW-yr)	Calculated using the Commission approved LNBA methodology, based on the peak capacity need during the deferral period
	LNBA ($/MWh-yr)	Calculated using the Commission approved LNBA methodology, based on the maximum annual energy need during the deferral period
	LNBA ($/MWh-day) (Info Only)	Calculated using the Commission approved LNBA methodology, based on the maximum peak day energy need during the deferral perioc
	Unit Cost of Traditional Mitigation ($)	Cost of the traditional mitigation project designed to meet the maximum capacity need for each project.
	Grid Need Certainty	The IOU-specific, maximum grid need certainty score of all the assets associated with a project. (e.g. for SCE this is the Location of Certainty matrix score of the project's load growth drivers weighted by the size of the load growth).
	Operating Date (Info Only)	The expected operating date of a candidate deferral project.
	Year of Need	The earliest starting year among all assets associated with a project.
	Year of Need Indicator	Year of need indicator based on the possible range of all the years of need for this cycle of DIDF (i.e. between 2020 and 2029)
	Duration (Hours)	The maximum number of hours that DER is needed in a peak day, during the deferral period, to meet the need that the project mitigate:
	Capacity Need (MW)	The maximum capacity need mitigated by the project during the deferral period
	Circuits	The number of circuits that DER can be interconnected to which will meet the need that the project mitigates
	Capacity Need (MW)/Circuit	The maximum capacity need per number of circuits to which DERs can connect and meet the grid need.
	Operational Requirement	The operational requirement of the need.
	Number of Grid Needs	The number of grid needs that the project mitigates.
Step 1: Normalize Raw Data	LNBA ($/MW-yr)	The "LNBA ($/MW-yr)" value is normalized between 0 and 1, based on the range of the "LNBA ($/MW-yr)" values of all the candidate deferral projects.
	LNBA ($/MWh-yr)	The "LNBA ($/MWh-yr)" value is normalized between 0 and 1, based on the range of the "LNBA ($/MWh-yr)" values of all the candidate deferral projects.
	Unit Cost of Traditional Mitigation ($)	
	Grid Need Certainty	The "Grid Need Certainty" value is normalized between 0 and 1 based on the range of the "Grid Need Certainty" values of all the candidate deferral projects
	Year of Need	
	Duration (Hours)	The "Duration (Hours)" value is normalized between 0 and 1, based on the range of the "Duration (Hours)" values of all the candidate deferral projects. The shorter the duration, the higher the normalized Duration value.
	Capacity Need (MW)/Circuit	The "Capacity Need (MW)/Circuit " value is normalized between 0 and 1 based on the range of the "Capacity Need (MW)/Circuit" values among all the candidate deferral projects. The smaller the capacity needs per circuit, the higher chance for a feasible DER solution, the higher the normalized Capacity Needs/Circuit value
	Operational Requirement	
	Number of Grid Needs	
Step 2: Apply Red Flags	LNBA ($/MW-yr)	
	LNBA ($/MWh-yr)	
	Unit Cost of Traditional Mitigation ($)	If the "Unit Cost of Traditional Mitigation ($)" for a project is below the respective threshold, it will be Red Flagged and relegated to Tier 3
	Grid Need Certainty	
	Year of Need	If the "Year of Need" for a project is above the respective threshold, it will be Red Flagged and relegated to Tier 3
	Duration (Hours)	
	Capacity Need (MW)/Circuit	
	Operational Requirement	If the "Operational Requirement" for a project is not Day Ahead, it will be Red Flagged and relegated to Tier 3
	Number of Grid Needs	If the "Number of Grid Needs" is above the respective threshold, it will be Red Flagged and relegated to Tier 3
Step 3: Determine Quantitative Metric Scores	Cost Effectiveness	The sum of normalized "LNBA/MW-yr" and normalized "LNBA/MWh-yr" values.
	Scaled Forecast Certainty	The normalized "Grid Need Certainty" score scaled up to match the range of the other metrics.
	Market Assessment	The sum of normalized "Duration (Hours)" and normalized "Capacity Need (MW)/Circuit" values.
Step 4: Rank Quantitative Metric Scores	Cost Effectiveness	Cost Effectiveness scores in descending order (i.e. the highest score ranks 1)
	Scaled Forecast Certainty	Forecast Certainty scores in descending order (i.e. the highest score ranks 1)
	Market Assessment	Market Assessment scores in descending order (i.e. the highest score ranks 1)
Step 5: Assign RAG Scores	Cost Effectiveness	The Red Amber Green (RAG) score of the Cost Effectiveness rankings. Projects ranked in the Bottom Quartile are assigned a RAG score of -1, projects ranked in the Top Quartile are assigned a RAG score of +1, all other projects are assigned a RAG score of 0.
	Scaled Forecast Certainty	The RAG score of the Forecast Certainty rankings. Projects ranked in the Bottom Quartile are assigned a RAG score of -1, projects ranked in the Top Quartile are assigned a RAG score of +1, all other projects are assigned a RAG score of 0.
	Market Assessment	The RAG score of the Market Assessment rankings. Projects ranked in the Bottom Quartile are assigned a RAG score of -1, projects ranked in the Top Quartile are assigned a RAG score of +1, all other projects are assigned a RAG score of 0.
	Final RAG Score	The sum of the RAG scores across the three metrics. Projects with Red Flags are automatically binned into Tier 3
Step 6: Determine Final Score and Ranking	Final Score	The sum of the Cost Effectiveness, Forecast Certainty, and Market Assessment scores
	Final Ranking	Final Score in descending order (i.e the highest score ranks 1).
	Final Tiering	The tiered recommendation. Red Flagged projects and projects with a <0 RAG score are in Tier 3, projects with a >0 RAG score are in Tier 1, and projects with a RAG score = 0 are in Tier 2.
	Approval Status	Per Reform 37 of the 2020 May Ruling, information about the approval status of Pre-Application and Post-Application projects in the GNA/DDOR

Prioritization Metrics Template

Template Inputs

	Cost Effectiveness			Forecast Certainty		Market As	
	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit
DIDF Baseline Year					2023		
Max value for normalization	233,781.77	3,745.30		23.26		24.00	84.67
Min value for normalization	594.33	0.18		4.00		4.00	0.25
Flag threshold							
Top quartile threshold		8		8			8
Bottom quartile threshold		24.75		22			24.

Raw Data									
Project ID	Project Description	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	LNBA ($/MWh-day) (Info only)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Operating Date (Info Only)	Year of Need	
DDOR_2023_6698	Rebuild Elizabeth Lake-Pitchgen 66 kV Subtransmission Line	$ 13,850.53	$ 153.75	$ 3,074.98	$ 1,655,993.00	11.12	2027	2027	
DDOR_2023_6871	Install Rector-Riverway No. 2 66 kV Subtransmission Line	$ 95,407.89	$ 201.62	$ 14,113.59	$ 27,035,200.00	23.19	2028	2023	
DDOR_2023_8469_577046	Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation	$ 39,870.59	$ 196.03	$ 10,139.50	$ 2,586,008.00	14.46	2026	2025	
DDOR_2023_8562	Upgrade 2 Transformers at Washington 66/12 kV Substation	$ 28,469.89	$ 249.27	$ 4,985.32	$ 4,134,928.00	16.09	2026	2025	
DDOR_2023_8566	Upgrade Transformer at Vail 66/12 kV Substation	$ 11,886.09	$ 129.57	$ 2,318.48	$ 2,140,065.84	15.02	2026	2025	
DDOR_2023_DSP35973	Install a New Transformer at Aqueduct 115/12 kV Substation	$ 22,454.27	$ 130.98	$ 4,584.31	$ 4,881,221.22	10.45	2027	2027	
DDOR_2023_DSP36006_634064	Install a New 12kV Circuit at Chino 66/12 kV Substation	$ 112,908.41	$ 221.13	$ 16,475.90	$ 4,285,949.83	23.00	2026	2025	
DDOR_2023_DSP36012_634065	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	$ 32,514.41	$ 31.38	$ 3,608.96	$ 3,854,428.27	15.39	2026	2026	
DDOR_2023_TSP STL36098	Install Mira Loma-Corona 66 kV Subtransmission Line	$ 69,773.11	$ 811.32	$ 16,226.30	$ 15,330,591.34	15.18	2026	2026	
DDOR_2023_TSP STL36152	Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	$ 132,679.12	$ 3,745.30	$ 56,179.45	$ 20,675,640.00	17.06	2027	2027	
DDOR_2023_06328_459030	Install a New 16 kV Circuit at Saugus 66/16 kV Substation	$ 8,800.39	$ 21.78	$ 1,524.69	$ 564,311.00	12.00	2026	2026	
DDOR_2023_4800	Del Valle Project: Construct a New 66/16 kV Substation and Construct New 16 kV Circuits	$ 127,501.53	$ 47.32	$ 13,366.76	$ 118,812,805.00	10.46	2028	2027	
DDOR_2023_8256	Cal City Project: Construct a New 115/12 kV Substation and Construct New 115 kV Subtransmission Lines	$ 233,781.77	$ 32.26	$ 11,676.37	$ 316,017,221.00	12.53	2028	2023	
DDOR_2023_8467_434561	Install a New 12kV Circuit at Archibald 66/12 kV Substation	$ 14,702.36	$ 2.15	$ 786.10	$ 2,467,916.69	17.86	2026	2024	
DDOR_2023_DSP33809_631068	Construct a New 12 kV Circuit at El Casco 115/12 kV Substation	$ 4,528.64	$ 2.37	$ 509.24	$ 587,916.05	23.26	2026	2026	
DDOR_2023_DSP35933_834002	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	$ 40,158.16	$ 48.99	$ 6,158.84	$ 4,057,000.00	10.00	2027	2027	
DDOR_2023_DSP35959_629034	Install a New 12kV Circuit at Modena 66/12 kV Substation	$ 38,181.86	$ 24.05	$ 4,557.19	$ 4,491,000.00	11.00	2027	2027	
DDOR_2023_DSP35986_634070_634069	Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	$ 62,387.24	$ 290.59	$ 12,771.30	$ 7,818,000.00	8.11	2026	2023	
DDOR_2023_TSP ABank36183	Intall a New A-Bank and Split the Santa Clara 220/66 System	$ 54,822.36	$ 35.83	$ 5,195.05	$ 80,000,000.00	10.11	2026	2027	
DDOR_2023_TSP STL34903	Increase La Cienega - El Nido - Tahiti 66 kV Subtransmission Line by Eliminating Limiting Components	$ 594.33	$ 0.18	$ 66.65	$ 116,077.67	15.45	2026	2026	
DDOR_2023_6092	Alberhill System Project: Construct a New 500/115 kV Substation and associated 500 kV source lines and 115 kV lines	$ 138,477.21	$ 519.57	$ 23,380.49	$ 472,440,026.00	16.63	2029	2023	
DDOR_2023_8314_579015	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	$ 21,596.76	$ 5.19	$ 1,580.25	$ 13,623,704.42	15.00	2026	2023	
DDOR_2023_8325_539012	Install a New 12kV Circuit at Gonzales 66/12 kV Substation	$ 12,548.38	$ 2.01	$ 719.45	$ 2,574,862.00	8.00	2027	2027	
DDOR_2023_8425	Rebuild Santa Clara-Colonia 66 kV Subtransmission Line	$ 53,606.95	$ 10.06	$ 3,673.46	$ 24,879,000.00	9.01	2026	2026	
DDOR_2023_8438	Install a New Capacitor at Channel Island 66/16 kV Substation	$ 1,156.20	$ 1.99	$ 148.72	$ 1,554,350.24	7.66	2026	2026	
DDOR_2023_8551_652012	Install a New 12kV Circuit at Goldtown 66/12 kV Substation	$ 25,646.05	$ 9.06	$ 3,245.35	$ 4,560,772.75	4.00	2026	2025	
DDOR_2023_8560	Install a New Transformer at Santa Monica 66/16 kV Substation	$ 5,536.91	$ 46.90	$ 703.55	$ 1,634,931.92	14.44	2026	2025	
DDOR_2023_DSP28304_588018	Install 2 New 12 kV Circuits at Ivyglen 115/12 kV Substation	$ 4,941.63	$ 0.98	$ 358.70	$ 1,084,000.00	10.00	2026	2026	
DDOR_2023_DSP33061_479085	Install a New 33 kV Circuit at Garnet 115/33 kV Substation	$ 22,127.57	$ 3.67	$ 1,339.66	$ 6,610,000.00	15.00	2027	2027	
DDOR_2023_DSP35993_687004	Install a New 33 kV Circuit at Blythe 33/33 kV Substation	$ 27,984.53	$ 18.14	$ 3,258.11	$ 14,309,494.44	8.00	2026	2024	
DDOR_2023_DSP36066_430012	Install 2 New 12 kV Circuits at Glen Avon 66/12 kV Substation	$ 34,003.88	$ 31.92	$ 4,323.46	$ 6,430,263.40	8.00	2026	2023	
DDOR_2023_TSP STV36155	Install a New Capacitor at Rio Hondo 220/66 kV System	$ 3,335.72	$ 0.66	$ 239.76	$ 1,281,255.68	13.35	2026	2026	

ssessment	
Operational Requirement	Number of Grid Needs
I	
3	
.75	

Metrics Legend	RAG Score	
Red Value	-1	
Amber Value	0	
Green Value	1	
Tier 1	Less Than	0
Tier 2	Equal To	0
Tier 3	Greater Than	0

							Step 1: Normalize Raw Data						
Year of Need Indicator	Duration (Hours)	Capacity Need (MW)	Circuits	Capacity Need (MW)/Circuit	Operational Requirement	Number of Grid Needs	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit
4	6	11.70	9	1.30	DA	1	0.06	0.04		0.37		0.90	0.99
0	11	30.00	7	4.29	DA	1	0.41	0.05		1.00		0.65	0.95
2	8	4.00	1	4.00	DA	2	0.17	0.05		0.54		0.80	0.96
2	8	12.10	7	1.73	DA	1	0.12	0.07		0.63		0.80	0.98
2	8	1.50	1	1.50	DA	1	0.05	0.03		0.57		0.80	0.99
4	8	19.13	12	1.59	DA	1	0.09	0.03		0.34		0.80	0.98
2	12	3.40	1	3.40	DA	1	0.48	0.06		0.99		0.60	0.96
3	17	10.70	1	10.70	DA	1	0.14	0.01		0.59		0.35	0.88
3	6	20.00	17	1.18	DA	1	0.30	0.22		0.58		0.90	0.99
4	4	14.10	13	1.08	DA	1	0.57	1.00		0.68		1.00	0.99
3	9	5.70	1	5.70	DA	1	0.04	0.01		0.42		0.75	0.94
4	24	45.30	1	45.30	DA	6	0.54	0.01		0.34		0.00	0.47
0	24	84.67	1	84.67	DA	4	1.00	0.01		0.44		0.00	0.00
1	24	13.80	1	13.80	DA	1	0.06	0.00		0.72		0.00	0.84
3	18	11.20	1	11.20	DA	1	0.02	0.00		1.00		0.30	0.87
4	14	6.90	1	6.90	DA	5	0.17	0.01		0.31		0.50	0.92
4	17	9.10	1	9.10	DA	4	0.16	0.01		0.36		0.35	0.90
0	13	3.20	1	3.20	DA	3	0.26	0.08		0.21		0.55	0.97
4	15	125.00	104	1.20	DA	1	0.23	0.01		0.32		0.45	0.99
3	21	18.10	4	4.53	DA	1	0.00	0.00		0.59		0.15	0.95
0	10	347.00	178	1.95	I	1	0.59	0.14		0.66		0.70	0.98
0	24	35.10	1	35.10	DA	3	0.09	0.00		0.57		0.00	0.59
4	24	14.23	1	14.23	DA	2	0.05	0.00		0.21		0.00	0.83
3	24	43.00	8	5.38	DA	1	0.23	0.00		0.26		0.00	0.94
3	13	3.20	1	3.20	DA	2	0.00	0.00		0.19		0.55	0.97
2	13	14.67	3	4.89	DA	2	0.11	0.00		0.00		0.55	0.94
2	12	24.60	7	3.51	DA	1	0.02	0.01		0.54		0.60	0.96
3	24	19.70	1	19.70	DA	1	0.02	0.00		0.31		0.00	0.77
4	24	29.00	1	29.00	DA	1	0.09	0.00		0.57		0.00	0.66
1	22	12.40	1	12.40	DA	4	0.12	0.00		0.21		0.10	0.86
0	18	11.33	1	11.33	DA	5	0.14	0.01		0.21		0.30	0.87
3	24	32.00	130	0.25	DA	1	0.01	0.00		0.49		0.00	1.00

		Step 2: Apply Flags								Step 3: Determine Quantitative Metric Scores		
Operational Requirement	Number of Grid Needs	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit	Operational Requirement	Number of Grid Needs	Cost Effectiveness	Scaled Forecast Certainty	Market Assessment
											0.10	0.74	1.89
											0.46		1.60
											0.22	1.09	1.76
											0.19	1.25	1.78
											0.08	1.14	1.79
											0.13	0.67	1.78
											0.54	1.97	1.56
											0.15	1.18	1.23
											0.51	1.16	1.89
											1.57	1.36	1.99
											0.04	0.83	1.69
											0.56		0.47
											1.01		0.00
											0.06	1.44	0.84
											0.02	2.00	1.17
											0.18	0.62	1.42
											0.17	0.73	1.25
											0.34	0.43	1.52
											0.24	0.63	1.44
											0.00	1.19	1.10
									FLAG		0.73	1.31	1.68
											0.09	1.14	0.59
											0.05	0.42	0.83
											0.23	0.52	0.94
											0.00	0.38	1.52
											0.11	0.00	1.49
											0.03	1.08	1.56
											0.02	0.62	0.77
											0.09	1.14	0.66
											0.12	0.42	0.96
											0.15	0.42	1.17
											0.01	0.97	1.00

Step 4: Rank Quantitative Metric Scores			Step 5: Assign RAG Scores				Step 6: Determine Final Score and Ranking			
Cost Effectiveness	Scaled Forecast Certainty	Market Assessment	Cost Effectiveness	Scaled Forecast Certainty	Market Assessment	Final RAG Score	Final Score	Final Ranking	Final Tiering	Approval Status
20	17	3	0	0	1	1	2.72	12	Tier 1	
7		10	1		0	1	3.09	9	Tier 1	CAISO: N/A SCE: Licensing activities under internal consideration
11	13	7	0	0	1	1	3.06	10	Tier 1	
12	6	6	0	1	1	2	3.22	6	Tier 1	
23	10	4	0	0	1	1	3.01	11	Tier 1	
17	19	5	0	0	1	1	2.58	14	Tier 1	
5	2	11	1	1	0	2	4.08	2	Tier 1	
16	8	19	0	1	0	1	2.55	16	Tier 1	
6	9	2	1	0	1	2	3.56	4	Tier 1	
1	4	1	1	1	1	3	4.91	1	Tier 1	
26	16	8	-1	0	1	0	2.56	15	Tier 2	
4		31	1		-1	0	1.53	28	Tier 2	CAISO: N/A CPUC: Addendum to the developers Environmental Impact Report (AEIR) being discussed, SCE may determine project is exempt from GO 131-D and file an Advice Letter in 2023. SCE: Licensing activities authorized internally in 2015.
2		32	1		-1	0	1.01	32	Tier 2	CAISO: N/A SCE: Filed PEA for PTC March 2023, estimated approval 2025
24	3	26	0	1	-1	0	2.34	17	Tier 2	
29	1	20	-1	1	0	0	3.19	8	Tier 2	
13	21	17	0	0	0	0	2.23	20	Tier 2	
14	18	18	0	0	0	0	3.21	7	Tier 2	
8	24	13	1	-1	0	0	3.43	5	Tier 2	
9	20	16	0	0	0	0	2.31	18	Tier 2	
32	7	22	-1	1	0	0	2.29	19	Tier 2	
3	5	9	1	1 FLAG	Tier 3		3.72	3	Tier 3	CAISO: Approval 2009 SCE: Filed third amended PEA June 2023
22	11	30	0	0	-1	-1	1.82	24	Tier 3	
25	25	27	-1	-1	-1	-3	1.30	31	Tier 3	
10	23	25	0	-1	-1	-2	1.69	26	Tier 3	
31	28	13	-1	-1	0	-2	1.90	22	Tier 3	
19	29	15	0	-1	0	-1	1.60	27	Tier 3	
27	14	12	-1	0	0	-1	2.68	13	Tier 3	
28	21	28	-1	0	-1	-2	1.41	30	Tier 3	
21	11	29	0	0	-1	-1	1.89	23	Tier 3	
18	25	24	0	-1	0	-1	1.49	29	Tier 3	
15	25	21	0	-1	0	-1	1.74	25	Tier 3	
30	15	23	-1	0	0	-1	1.98	21	Tier 3	

Prioritization Metrics Template

Template Inputs

	Cost Effectiveness			Forecast Certainty		Market Assessment			
	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit	Operational Requirement	Number of Grid Needs
DIDF Baseline Year					2023				
Max value for normalization	133,223.93	3,760.68		23.00		17.00	10.70		
Min value for normalization	11,886.09	31.38		8.11		4.00	1.08		
Flag threshold									
Top quartile threshold	3			3		3			
Bottom quartile threshold	7.5			7.5		7.5			

Raw Data

Project ID	Project Description	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	LNBA ($/MWh-day) (Info only)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Operating Date (Info Only)	Year of Need	Year of Need Indicator	Duration (Hours)
DDOR_2023_8469_577046	Upgrade Transformer and Construct a New 12kV Circuit at Valley 115/12 kV Substation	$ 39,870.59	$ 196.03	$ 10,139.50	$ 2,586,008.00	14.46	2026	2025	2	8
DDOR_2023_8562	Upgrade 2 Transformers at Washington 66/12 kV Substation	$ 28,469.89	$ 249.27	$ 4,985.32	$ 4,134,928.00	16.09	2026	2025	2	8
DDOR_2023_8566	Upgrade Transformer at Vail 66/12 kV Substation	$ 11,886.09	$ 129.57	$ 2,318.48	$ 2,140,065.84	15.02	2026	2025	2	8
DDOR_2023_DSP35973	Install a New Transformer at Aqueduct 115/12 kV Substation	$ 22,454.27	$ 130.98	$ 4,584.31	$ 4,881,221.22	10.45	2027	2027	4	8
DDOR_2023_DSP36006_634064	Install a New 12kV Circuit at Chino 66/12 kV Substation	$ 112,908.41	$ 221.13	$ 16,475.90	$ 4,285,949.83	23.00	2026	2025	2	12
DDOR_2023_DSP36012_634065	Install a New 12 kV Circuit at Mira Loma 66/12 kV Substation	$ 32,514.41	$ 31.38	$ 3,608.96	$ 3,854,428.27	15.39	2026	2026	3	17
DDOR_2023_TSP STL36098	Install Mira Loma-Corona 66 kV Subtransmission Line	$ 73,429.87	$ 853.84	$ 17,076.71	$ 15,830,591.34	15.18	2026	2026	3	6
DDOR_2023_TSP STL36152	Install Santiago-Irvine NO. 3 66 kV Subtransmission Line	$ 133,223.93	$ 3,760.68	$ 56,410.13	$ 20,725,630.50	17.06	2027	2027	4	4
DDOR_2023_DSP35986_634070_634069	Install 2 New 12 kV Circuits at Francis 66/12 kV Substation	$ 62,387.24	$ 290.59	$ 12,771.30	$ 7,818,000.00	8.11	2026	2023	0	13

ssessment

Operational Requirement	Number of Grid Needs
I	

3
.5

Metrics Legend	RAG Score	
Red Value	-1	
Amber Value	0	
Green Value	1	
Tier 1	Less Than	0
Tier 2	Equal To	0
Tier 3	Greater Than	0

							Step 1: Normalize Raw Data						
Year of Need Indicator	Duration (Hours)	Capacity Need (MW)	Circuits	Capacity Need (MW)/Circuit	Operational Requirement	Number of Grid Needs	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit
2	8	4.00	1	4.00	DA	2	0.23	0.04		0.43		0.69	0.70
2	8	12.10	7	1.73	DA	1	0.14	0.06		0.54		0.69	0.93
2	8	1.50	1	1.50	DA	1	0.00	0.03		0.46		0.69	0.96
4	8	19.13	12	1.59	DA	1	0.09	0.03		0.16		0.69	0.95
2	12	3.40	1	3.40	DA	1	0.83	0.05		1.00		0.38	0.76
3	17	10.70	1	10.70	DA	1	0.17	0.00		0.49		0.00	0.00
3	6	20.00	17	1.18	DA	1	0.51	0.22		0.47		0.85	0.99
4	4	14.10	13	1.08	DA	1	1.00	1.00		0.60		1.00	1.00
0	13	3.20	1	3.20	DA	3	0.42	0.07		0.00		0.31	0.78

		Step 2: Apply Flags								Step 3: Determine Quantitative Metric Scores		
Operational Requirement	Number of Grid Needs	LNBA ($/MW-yr)	LNBA ($/MWh-yr)	Unit Cost of Traditional Mitigation ($)	Grid Need Certainty	Year of Need	Duration (Hours)	Capacity Need (MW)/Circuit	Operational Requirement	Number of Grid Needs	Cost Effectiveness	Scaled Forecast Certainty	Market Assessment
											0.27	0.85	1.39
											0.20	1.07	1.63
											0.03	0.93	1.65
											0.11	0.32	1.64
											0.88	2.00	1.14
											0.17	0.98	0.00
											0.73	0.95	1.84
											2.00	1.20	2.00
											0.49	0.00	1.09

Step 4: Rank Quantitative Metric Scores			Step 5: Assign RAG Scores				Step 6: Determine Final Score and Ranking			
Cost Effectiveness	Scaled Forecast Certainty	Market Assessment	Cost Effectiveness	Scaled Forecast Certainty	Market Assessment	Final RAG Score	Final Score	Final Ranking	Final Tiering	Approval Status
5	7	6	0	0	0	0	2.52	6	Tier 2	
6	3	5	0	1	0	1	2.89	4	Tier 1	
9	6	3	-1	0	1	0	2.60	5	Tier 2	
8	8	4	-1	-1	0	-2	2.07	7	Tier 3	
2	1	7	1	1	0	2	4.03	2	Tier 1	
7	4	9	0	0	-1	-1	1.15	9	Tier 3	
3	5	2	1	0	1	2	3.51	3	Tier 1	
1	2	1	1	1	1	3	5.20	1	Tier 1	
4	9	8	0	-1	-1	-2	1.57	8	Tier 3	

Level of Certainty Matrix (a.k.a. scoring rubrics, table of guidelines)

	Score	0	1	2	3	Weight
Customer Information	Impact to Customer Energization Date	No / Not Reviewed	Yes - Medium	Yes - High	N/A	**5**
	Construction Status	Not Started	Grading	Construction Started/Existing Building	Construction Complete	**3**
	Low/High Voltage Switchgear	None	Design / Drawings Received	Approved	Authority Having Jurisdiction (AHJ) signoff / Installed on-site	**2**
	Load Schedule	N/A	N/A	DDS estimates or similar building estimates are used by SCE as alternative to detailed Load Schedule	Customer detailed load schedule validated by SCE	**2**
SCE Information	Design Status	Not Started	In Preliminary Design	Final Design Approved	Customer Invoiced	**2**

Impact to Customer Energization Date	
Construction Status	The stage of the customer building construction
Low/High Voltage Switchgear	Status of customer electrical panel design and construction
Load Schedule	The amount of forecasted demand increase over time for the customer
Design Status	The design and associated equipment required to connect the customer to the grid

Illustrative Example of LOC Score Calculation for An Asset

Circuit A has grid needs associated with a candidate deferral project, and there are three expected load growth projects (a, b, and c) in the area.

-Load growth project a has an expected peak demand of 5kW, and its LOC score is 25

-Load growth project b has an expected peak demand of 35kW, and its LOC score is 13

-Load growth project c has an expected peak demand of 24kW, and its LOC score is 10

The LOC for Circuit A is calculated as:

=[Peak Demand (a) * LOC (a) + Peak Demand (b) * LOC (b) + Peak Demand (c) * LOC (c)]/[Peak Demand (a) + Peak Demand (b) + Peak Demand (c)]

=(5*25+35*13+24*10)/(5+35+24)

= 12.81

General Inputs

First load forecast year	2023
Discount Rate (%/yr)	10.00%
Cost Year Basis	2023

Parameters	Substation	Substation Bank	Primary Feeder	Poles and towers	Capacitors	Protection equipment	IT
Revenue Requirement Multiplier	1.12	1.12	1.17	1.21	1.17	1.15	1.22
Equipment Inflation (%/yr)	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	1.0%
O&M Inflation (%/yr)	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%
O&M Factor	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
Book Life (yrs)	67	67	33	55	33	49	11
RECC	0.072	0.072	0.079	0.073	0.079	0.074	0.134
Discount rate net or project inflation (%/	7.7%	7.7%	7.7%	7.7%	7.7%	7.7%	8.9%
Discount rate net of O&M inflation (%/y	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%

Project Inputs and LNBA Calculation

	Capital Cost							Project Information		Cumulative MW Reduction Needed for Deferral										#1 Rate	#2.1	#2 Nper	#3 PMT	Cumulative Deferral Value of Capital P			
Project ID	Substation	Substation Bank	Primary Feeder	Poles and towers	Capacitors	Protection equipment	IT	Operating Year / Install Year	Deferral Period	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Discount rate net or project inflation (%/yr)	DER Installation Year Reference Index	Number of no deficiency years after the DER Install yr	Revenue Requirement Cost in Nominal Dollars in Analysis Yr $'s * RECC	1 2023	2 2024	3 2025	4 2026
DOOR_2023_026575	$ 745,009.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.7%	1	10	60408.74	$ -	$ -	$ -	$ -
DOOR_2023_049557	$ 956,023.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.30	1.20	1.30	1.30	1.30	1.40	1.40	1.40	2.70	2.90	7.7%	1	0	77518.72	$ 77,518.7	$ 149,463.1	$ 216,234.1	$ 278,203.6
DOOR_2023_131048	$ 468,790.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.89	0.88	0.94	0.93	0.93	0.93	0.93	0.92	0.92	0.92	7.7%	1	0	38011.64	$ 38,011.6	$ 73,289.9	$ 106,031.3	$ 136,418.3
DOOR_2023_151044	$ 1,861,048.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.73	1.84	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.41	7.7%	1	0	150902.28	$ 150,902.3	$ 290,953.3	$ 420,933.4	$ 541,566.8
DOOR_2023_229028	$ 114,206.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	2.70	2.70	2.70	2.60	2.50	2.50	2.50	2.40	2.50	2.60	7.7%	2	0	9453.89	$ -	$ 9,453.9	$ 18,228.0	$ 26,371.1
DOOR_2023_232964	$ 70,331.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.7%	1	10	5702.76	$ -	$ -	$ -	$ -
DOOR_2023_234816	$ 2,989,032.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	6.18	5.99	5.81	8.06	7.96	8.57	9.17	9.14	9.35	9.86	7.7%	1	0	242364.38	$ 242,364.4	$ 467,300.6	$ 676,061.8	$ 869,811.2
DOOR_2023_246887	$ 1,143,270.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.40	0.40	0.40	7.7%	1	0	92701.56	$ 92,701.6	$ 178,737.0	$ 258,585.8	$ 332,692.7
DOOR_2023_259628	$ 526,790.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	4.60	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.7%	2	8	43607.28	$ -	$ -	$ -	$ -
DOOR_2023_322586	$ 1,310,891.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	4.82	7.53	7.32	7.32	7.21	6.86	6.62	6.56	6.62	6.88	7.7%	1	0	106293.04	$ 106,293.0	$ 204,942.6	$ 296,498.4	$ 381,470.5
DOOR_2023_322590	$ 381,391.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.07	0.08	0.08	0.08	0.08	0.09	0.10	0.11	0.15	0.21	7.7%	1	0	30924.93	$ 30,924.9	$ 59,626.1	$ 86,263.3	$ 110,985.1
DOOR_2023_322595	$ 167,883.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	1.83	7.80	1.73	1.74	1.70	1.67	1.63	1.61	1.61	1.65	7.7%	3	0	14187.68	$ -	$ -	$ 14,187.7	$ 27,355.1
DOOR_2023_327851	$ 325,337.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	7.7%	1	9	26379.81	$ -	$ -	$ -	$ -
DOOR_2023_327859	$ 305,102.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.41	1.41	1.41	1.38	1.38	1.38	1.41	1.44	1.59	1.79	7.7%	1	0	24739.07	$ 24,739.1	$ 47,699.2	$ 69,008.2	$ 88,785.0
DOOR_2023_330516	$ 2,576,130.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	0.87	1.63	1.60	1.54	1.50	1.46	1.41	1.41	1.62	2.08	7.7%	3	0	217707.01	$ -	$ -	$ 217,707.0	$ 419,758.9
DOOR_2023_330817	$ 960,498.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	3.26	3.53	4.96	2.22	2.45	2.65	3.44	4.87	2.97	3.80	7.7%	1	0	77881.57	$ 77,881.6	$ 150,162.7	$ 217,246.2	$ 279,505.8
DOOR_2023_332985	$ 144,763.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.20	0.20	0.20	0.30	0.30	0.40	0.00	0.30	0.20	0.20	7.7%	1	1	11738.05	$ -	$ 10,894.0	$ 21,004.6	$ 30,388.1
DOOR_2023_334557	$ 768,035.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	3.80	3.69	3.53	3.39	3.63	3.24	3.26	3.26	3.31	3.50	7.7%	1	0	62275.79	$ 62,275.8	$ 120,073.4	$ 173,714.8	$ 223,498.9
DOOR_2023_334575	$ 221,185.00	$ -	$ -	$ -	$ -	$ -	$ -	2026	7	0.00	0.00	0.00	0.62	0.67	0.70	0.70	0.70	0.70	0.70	7.7%	4	0	19082.86	$ -	$ -	$ -	$ 19,082.9
DOOR_2023_336771	$ 317,208.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.20	1.10	1.10	1.10	1.00	1.00	1.00	0.90	0.90	0.90	7.7%	1	0	25720.67	$ 25,720.7	$ 49,591.8	$ 71,746.4	$ 92,307.8
DOOR_2023_336772	$ 110,535.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.20	7.7%	1	3	8962.68	$ -	$ -	$ -	$ 7,164.9
DOOR_2023_336774	$ 132,808.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.88	1.88	1.71	1.71	1.71	1.71	1.71	1.83	2.21	3.00	7.7%	2	0	10993.75	$ -	$ 10,993.7	$ 21,196.9	$ 30,666.4
DOOR_2023_336775	$ 608,413.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.57	2.28	2.37	2.30	2.24	2.28	2.35	2.39	2.46	2.45	7.7%	1	0	49332.91	$ 49,332.9	$ 95,118.3	$ 137,611.4	$ 177,048.8
DOOR_2023_336787	$ 35,835.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.76	0.76	1.02	1.30	1.57	1.65	1.65	1.67	1.65	1.65	7.7%	1	0	2905.67	$ 2,905.7	$ 5,602.4	$ 8,105.2	$ 10,428.0
DOOR_2023_336790	$ 35,422.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.80	1.85	2.02	2.00	1.96	1.96	1.93	1.89	1.98	2.30	7.7%	1	0	2872.18	$ 2,872.2	$ 5,537.8	$ 8,011.8	$ 10,307.8
DOOR_2023_336791	$ 38,069.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.30	0.76	0.76	1.02	1.30	1.57	1.65	1.65	1.67	1.65	7.7%	1	0	3086.81	$ 3,086.8	$ 5,951.6	$ 8,610.5	$ 11,078.1
DOOR_2023_336792	$ 73,531.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.76	0.76	1.02	1.30	1.57	1.65	1.65	1.67	1.65	1.65	7.7%	1	0	5962.23	$ 5,962.2	$ 11,495.7	$ 16,631.3	$ 21,397.6
DOOR_2023_336800	$ 69,340.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	7.7%	1	0	5622.40	$ 5,622.4	$ 10,840.5	$ 15,683.4	$ 20,178.0
DOOR_2023_336801	$ 523,331.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.78	0.70	0.63	0.59	0.52	0.50	0.46	0.43	0.41	0.41	7.7%	1	0	42434.07	$ 42,434.1	$ 81,816.7	$ 118,367.4	$ 152,289.8
DOOR_2023_336802	$ 545,954.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.60	0.80	0.80	7.40	0.80	0.80	0.80	0.80	0.90	1.00	7.7%	1	0	44268.45	$ 44,268.4	$ 85,353.6	$ 123,484.3	$ 158,873.1
DOOR_2023_346252	$ 797,554.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.50	0.50	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	7.7%	1	2	64669.32	$ -	$ -	$ 55,703.1	$ 107,400.6
DOOR_2023_346260	$ 160,827.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	7.7%	1	0	13040.59	$ 13,040.6	$ 25,143.4	$ 36,376.0	$ 46,800.8
DOOR_2023_347545	$ 1,274,717.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.84	1.57	1.55	1.55	1.75	1.85	2.05	2.55	2.42	2.74	7.7%	2	0	105520.10	$ -	$ 105,520.1	$ 203,452.4	$ 294,342.4
DOOR_2023_347553	$ 218,144.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	6.58	0.92	0.22	0.22	0.12	0.01	0.00	0.00	0.00	0.61	7.7%	1	2	17688.11	$ -	$ -	$ 15,235.7	$ 29,375.8
DOOR_2023_377696	$ 516,734.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.41	0.70	0.78	1.00	1.76	2.65	0.00	0.00	1.85	1.96	7.7%	1	2	41899.16	$ -	$ -	$ 36,090.0	$ 69,584.7
DOOR_2023_377697	$ 1,342,333.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.91	0.41	0.48	0.59	0.98	1.26	1.57	0.98	1.28	1.76	7.7%	1	0	108842.50	$ 108,842.5	$ 209,858.2	$ 303,610.0	$ 390,620.2
DOOR_2023_377712	$ 216,028.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.00	0.28	0.35	0.48	1.09	1.41	1.52	1.52	1.50	1.43	7.7%	1	1	17516.54	$ -	$ 16,256.9	$ 31,344.9	$ 45,347.8
DOOR_2023_386022	$ 99,931.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.91	0.91	0.89	0.89	0.89	0.89	0.87	0.87	0.89	0.93	7.7%	1	0	8102.86	$ 8,102.9	$ 15,623.1	$ 22,602.5	$ 29,080.0
DOOR_2023_388548	$ 1,343,355.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	0.00	0.46	0.41	0.74	1.76	2.52	3.31	3.92	4.33	4.44	7.7%	1	1	108925.37	$ -	$ 101,092.6	$ 194,915.8	$ 281,992.2
DOOR_2023_388560	$ 558,524.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.42	1.57	1.59	1.61	1.61	1.57	1.61	1.69	1.89	2.44	7.7%	1	0	45287.68	$ 45,287.7	$ 87,318.8	$ 126,327.4	$ 162,531.0
DOOR_2023_4052_027588	$ 1,458,375.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	6.07	3.78	3.67	3.76	4.52	5.15	5.26	3.37	3.52	4.07	7.7%	2	0	120723.17	$ -	$ -	$ 120,723.2	$ 232,765.3	$ 336,750.5
DOOR_2023_4052_334082	$ 1,209,103.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	4.16	9.03	5.89	6.33	6.37	6.46	6.35	6.35	4.68	5.24	7.7%	1	0	98082.57	$ 98,082.6	$ 189,112.1	$ 273,595.8	$ 352,004.4
DOOR_2023_4052_747043	$ 3,751,570.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	3.55	3.55	2.58	2.43	2.55	2.69	3.08	3.45	4.56	4.68	7.7%	2	0	310552.11	$ -	$ 310,552.1	$ 598,772.7	$ 866,267.6
DOOR_2023_422051	$ 146,984.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.79	0.79	0.76	0.76	0.74	0.71	0.71	0.68	0.68	0.68	7.7%	2	0	12167.22	$ -	$ 12,167.2	$ 23,459.5	$ 33,939.8
DOOR_2023_422055	$ 243,527.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	2.41	2.53	1.00	0.97	0.97	0.94	0.91	0.91	0.94	1.06	7.7%	2	0	20158.98	$ -	$ 20,159.0	$ 38,868.3	$ 56,232.3
DOOR_2023_422077	$ 149,336.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.53	0.59	0.62	0.71	1.03	1.24	1.32	1.32	1.38	1.44	7.7%	2	0	12361.92	$ -	$ 12,361.9	$ 23,834.9	$ 34,482.9
DOOR_2023_422080	$ 98,231.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.20	0.17	0.22	0.24	0.26	0.30	0.37	0.16	0.98	1.20	7.7%	2	0	8131.49	$ -	$ 8,131.5	$ 15,678.2	$ 22,682.3
DOOR_2023_427087	$ 233,412.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.31	0.33	0.34	0.36	0.38	0.40	0.41	0.43	0.48	0.55	7.7%	2	0	19321.67	$ -	$ 19,321.7	$ 37,253.9	$ 53,896.7
DOOR_2023_427088	$ 3,351,075.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.20	0.23	0.21	0.24	0.27	0.28	0.31	0.34	0.40	0.47	7.7%	2	0	277399.44	$ -	$ 277,399.4	$ 534,851.3	$ 773,790.1
DOOR_2023_432096	$ 224,802.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.50	7.7%	2	0	18608.94	$ -	$ 18,608.9	$ 35,879.7	$ 51,908.6
DOOR_2023_432097	$ 2,503,533.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.15	0.16	0.17	0.18	0.18	0.18	0.19	0.20	0.22	0.24	7.7%	2	0	207240.56	$ -	$ 207,240.6	$ 399,578.6	$ 578,085.9
DOOR_2023_434565	$ 491,519.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	5.52	6.92	2.53	3.46	3.23	3.00	2.94	2.92	3.22	3.37	7.7%	2	0	40687.57	$ -	$ 40,687.6	$ 78,449.3	$ 113,495.7
DOOR_2023_434568	$ 156,669.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.33	1.37	1.37	1.39	1.41	1.41	1.43	1.46	1.54	1.63	7.7%	2	0	12968.94	$ -	$ 12,968.9	$ 25,005.3	$ 36,176.1
DOOR_2023_434572	$ 991,374.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.93	1.47	1.63	1.73	1.71	1.69	1.67	1.69	1.69	1.78	7.7%	2	0	82065.19	$ -	$ 82,065.2	$ 158,229.1	$ 228,916.2
DOOR_2023_434592	$ 216,337.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	7.7%	2	6	17908.21	$ -	$ -	$ -	$ -
DOOR_2023_439082	$ 191,693.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	7.7%	2	0	15868.20	$ -	$ 15,868.2	$ 30,595.3	$ 44,263.5
DOOR_2023_443042	$ 4,290,898.00	$ -	$ -	$ -	$ -	$ -	$ -	2023	10	1.61	6.31	9.50	12.45	12.97	12.80	13.06	12.92	13.13	13.47	7.7%	1	0	347925.63	$ 347,925.6	$ 670,832.2	$ 970,518.9	$ 1,248,655.4
DOOR_2023_443048	$ 264,932.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.35	0.61	0.85	0.89	0.91	0.93	1.02	1.28	1.76	7.7%	2	0	21930.87	$ -	$ 21,930.9	$ 42,284.7	$ 61,174.9
DOOR_2023_444088	$ 6,085,352.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.41	1.47	1.53	1.58	1.62	1.67	0.00	0.00	0.00	0.00	7.7%	2	4	503740.81	$ -	$ -	$ -	$ -
DOOR_2023_444097	$ 3,019,265.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.14	0.17	0.19	0.24	0.27	0.05	0.08	0.18	0.37	0.66	7.7%	2	0	249932.46	$ -	$ 249,932.5	$ 481,892.5	$ 697,172.5
DOOR_2023_444098	$ 2,681,183.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.02	0.05	0.08	0.11	0.15	0.18	0.24	0.40	0.57	7.7%	2	0	221946.29	$ -	$ 221,946.3	$ 427,932.6	$ 619,106.7
DOOR_2023_444099	$ 1,079,699.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.05	0.12	0.16	0.19	0.21	0.23	0.24	0.27	0.21	0.25	7.7%	2	0	89376.66	$ -	$ 89,376.7	$ 172,326.3	$ 249,311.2
DOOR_2023_446095	$ 259,189.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.30	1.50	1.50	1.50	1.40	1.50	1.70	1.90	2.10	3.01	7.7%	2	0	21455.47	$ -	$ 21,455.5	$ 41,368.1	$ 59,848.8
DOOR_2023_446098	$ 1,560,591.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.41	0.44	0.46	0.46	0.46	0.47	0.49	0.50	0.55	0.58	7.7%	2	0	129184.54	$ -	$ 129,184.5	$ 249,079.5	$ 360,353.0
DOOR_2023_446099	$ 3,507,153.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.79	1.86	1.92	1.98	2.05	2.11	2.20	2.20	2.20	2.20	7.7%	2	0	290319.46	$ -	$ 290,319.5	$ 559,762.3	$ 809,829.8
DOOR_2023_447030	$ 986,516.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	7.28	7.91	7.21	7.13	7.03	6.85	6.99	7.08	7.27	7.08	7.7%	2	0	81663.04	$ -	$ 81,663.0	$ 157,453.8	$ 227,794.5
DOOR_2023_447032	$ 931,348.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	7.7%	2	0	77096.28	$ -	$ 77,096.3	$ 148,648.6	$ 215,055.7
DOOR_2023_447033	$ 769,385.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	7.7%	2	0	63689.11	$ -	$ 63,689.1	$ 122,798.4	$ 177,657.2
DOOR_2023_449039	$ 1,441,801.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.30	0.30	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.60	7.7%	2	0	119351.19	$ -	$ 119,351.2	$ 230,119.9	$ 332,923.4
DOOR_2023_451637	$ 368,356.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.11	0.65	0.87	0.98	0.98	0.98	0.98	0.98	0.98	0.98	7.7%	2	0	30492.23	$ -	$ 30,492.2	$ 58,791.8	$ 85,056.4
DOOR_2023_451646	$ 65,792.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.65	0.65	0.65	0.65	0.67	0.65	0.67	0.65	0.65	7.7%	2	0	5446.21	$ -	$ 5,446.2	$ 10,500.8	$ 15,191.9
DOOR_2023_451651	$ 687,809.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.30	1.30	1.33	1.38	1.52	1.60	1.68	1.75	1.95	7.7%	2	0	56936.31	$ -	$ 56,936.3	$ 109,778.4	$ 158,820.6
DOOR_2023_451652	$ 30,524.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.20	0.20	0.21	0.22	0.23	0.23	0.23	0.23	0.23	0.23	7.7%	2	0	2526.75	$ -	$ 2,526.8	$ 4,871.8	$ 7,048.2
DOOR_2023_451653	$ 30,327.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	7.7%	2	0	2510.45	$ -	$ 2,510.4	$ 4,840.4	$ 7,002.7
DOOR_2023_459035	$ 847,652.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	2.00	1.60	1.70	1.80	1.80	1.90	2.00	2.00	2.30	2.50	7.7%	2	0	70167.99	$ -	$ 70,168.0	$ 135,290.3	$ 195,729.6
DOOR_2023_479105	$ 176,748.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.22	0.20	0.20	0.20	0.22	0.24	0.28	0.43	0.85	7.7%	2	0	14631.07	$ -	$ 14,631.1	$ 28,210.0	$ 40,812.5
DOOR_2023_479106	$ 135,960.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	0.00	0.93	1.33	1.59	1.57	1.54	1.52	1.52	1.52	1.54	7.7%	2	0	11254.67	$ -	$ 11,254.7	$ 21,700.0	$ 31,394.3
DOOR_2023_479107	$ 20,394.00	$ -	$ -	$ -	$ -	$ -	$ -	2024	9	2.28	3.59	4.35	4.56	4.56	4.56	4.56	4.56	4.67	4.89	7.7%	2	0	1688.20	$ -	$ 1,688.2	$ 3,255.0	$ 4,709.1
DOOR_2023_522045	$ 222,159.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	1.74	1.74	1.74	1.71	1.71	1.68	1.65	1.65	1.68	1.76	7.7%	3	0	18774.51	$ -	$ -	$ 18,774.5	$ 36,199.0
DOOR_2023_527012	$ 409,187.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	0.54	0.56	0.58	0.60	0.60	0.61	0.62	0.63	0.66	0.68	7.7%	3	0	34580.12	$ -	$ -	$ 34,580.1	$ 66,673.6
DOOR_2023_531046	$ 3,434,295.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	0.33	0.30	0.30	0.43	0.91	1.31	1.87	2.26	2.63	2.80	7.7%	3	0	290229.95	$ -	$ -	$ 290,230.0	$ 559,589.7
DOOR_2023_532024	$ 154,994.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	7.7%	3	0	13098.44	$ -	$ -	$ 13,098.4	$ 25,255.0
DOOR_2023_534556	$ 2,460,033.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	1.10	2.30	2.30	2.20	2.20	2.20	2.20	2.10	2.20	2.20	7.7%	3	0	207895.73	$ -	$ -	$ 207,895.7	$ 400,841.9
DOOR_2023_543017	$ 1,015,192.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	1.35	1.39	1.43	1.41	1.43	1.46	1.48	1.48	1.59	1.39	7.7%	3	0	85793.12	$ -	$ -	$ 85,793.2	$ 165,417.1
DOOR_2023_546050	$ 133,089.00	$ -	$ -	$ -	$ -	$ -	$ -	2025	8	0.19	0.21	0.22	0.24	0.24	0.25	0.27	0.28	0.31	0.39	7.7%	3	0	11247.26	$ -	$ -	$ 11,247.3	$ 21,685.7

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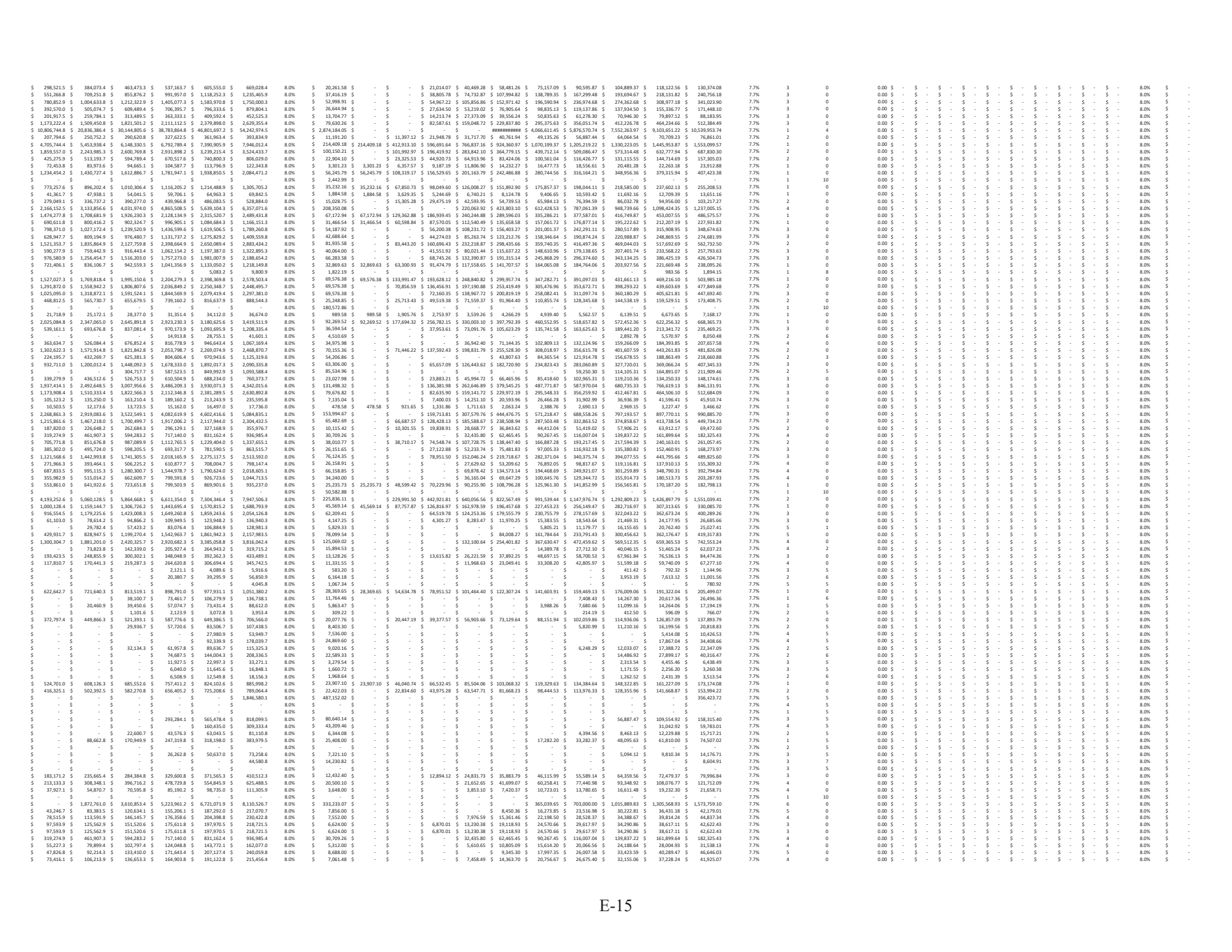
| Substation | | |



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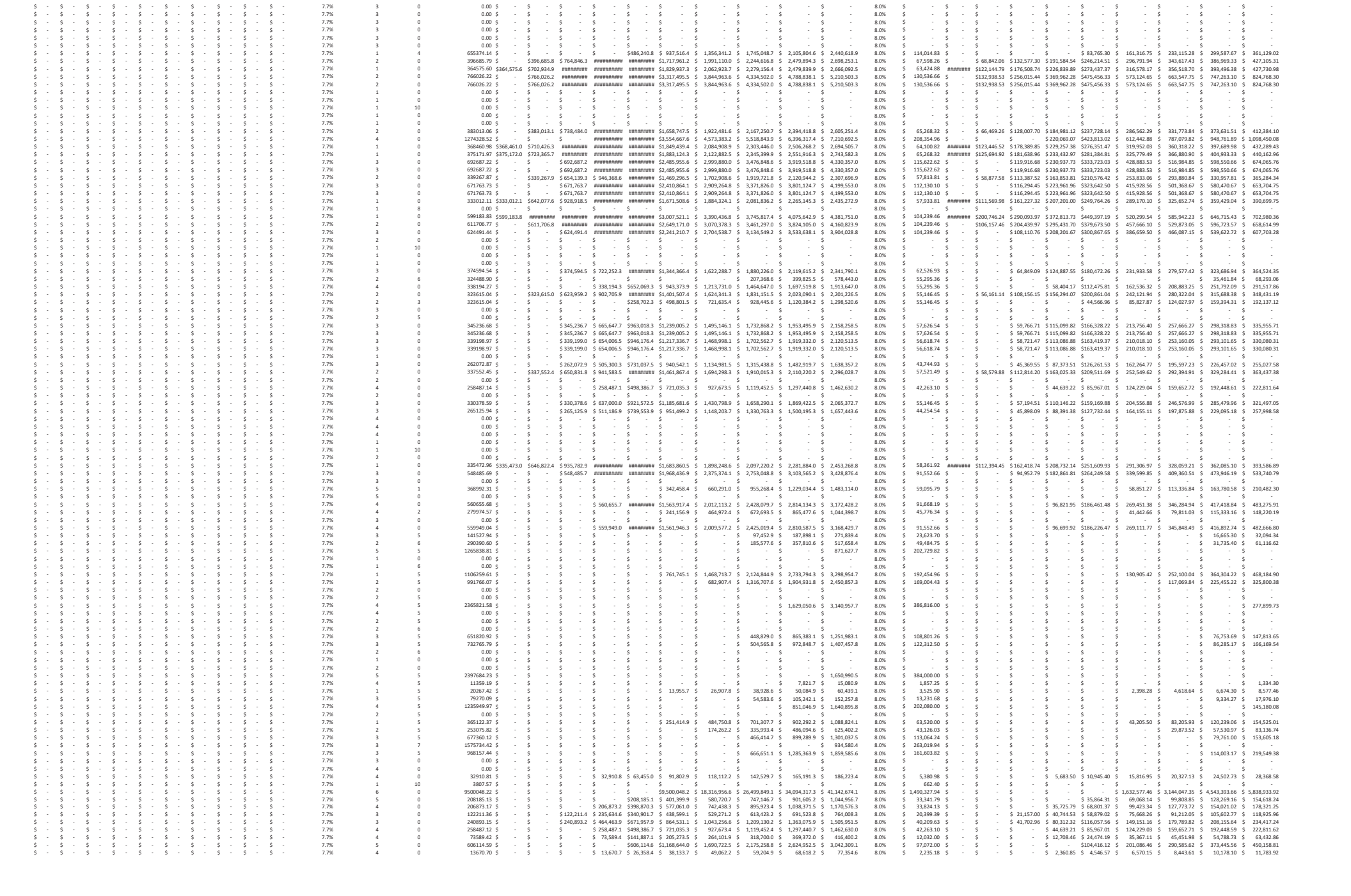
| Primary Feeder | | |



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| Poles and Towers | | |

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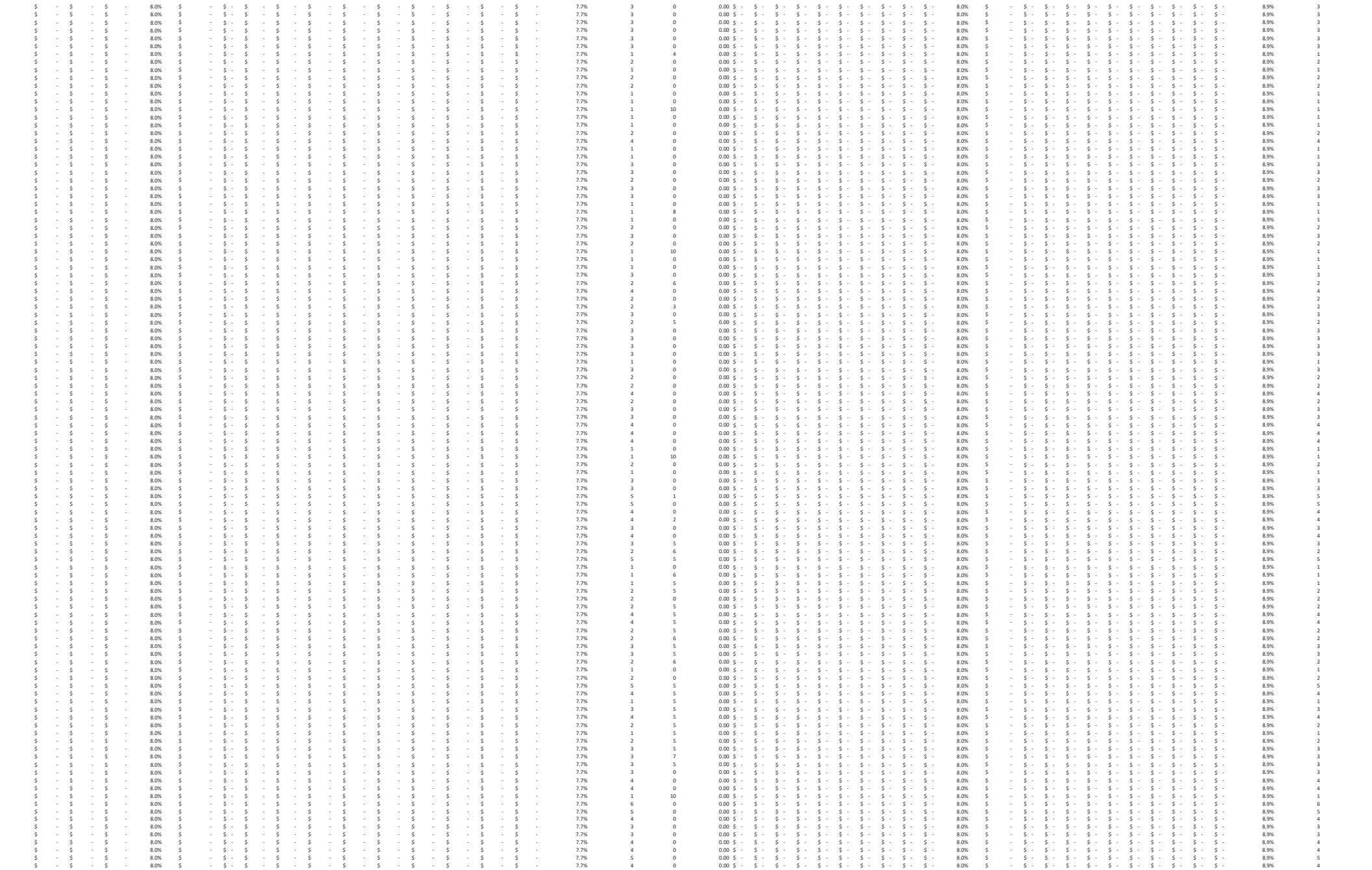
Capacitor																Protection Equipment																							
			Deferral Value of Avoided Incremental O&M													Cumulative Deferral Value of Capital Projects											Deferral Value of Avoided Incremental O&M											
8	9	10	#1 Rate	#3 PMT	1	2	3	4	5	6	7	8	9	10	#1 Rate		for #2 Nper	#3 PMT	1	2	3	4	5	6	7	8	9	10	#1 Rate	#3 PMT	1	2	3	4	5	6	7	8	9	10	#1 Rate	
2030	2031	2032	Discount rate net of O&M inflation	Incremental O&M Cost	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Discount rate net or project inflation (%/yr)	DER Installation Year Reference Index	Number of no deficiency years after the DER Install yr	Revenue Requirement Cost in Nominal Dollars in Analysis Yr $'s * RECC	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Discount rate net of O&M inflation	Incremental O&M Cost	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Discount rate net or project inflation (%/yr)	DER Installation Year Reference Index
$ -	$ -	$ -	8.0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	7.7%	1	10	0.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	8.0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	8.9%	1
$ -	$ -	$ -	8.0%	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	7.7%	1	0



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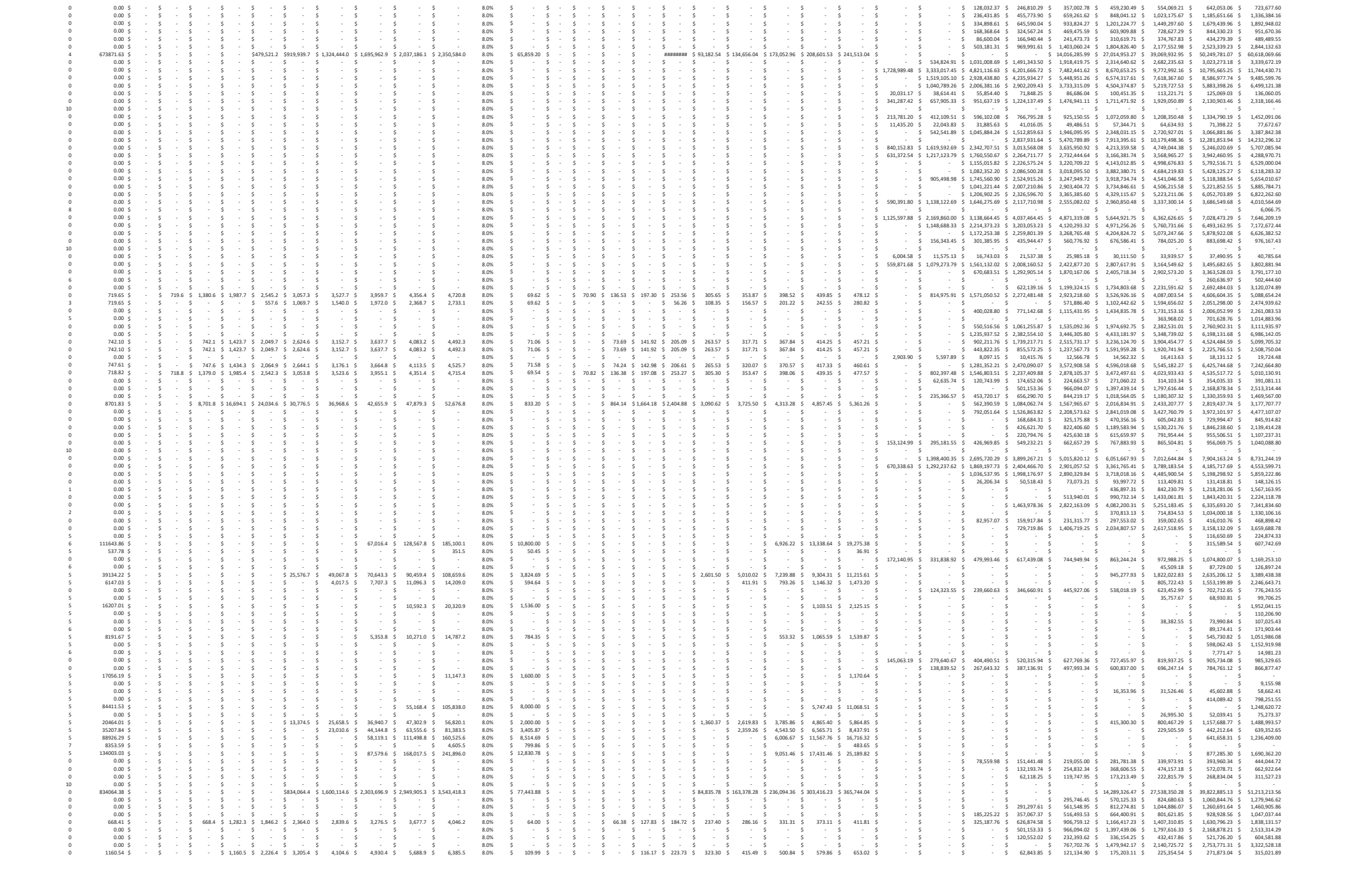

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	Final			
10				
2032	Deferral Value	Max Need during Deferral Period(MW)	LNBA Value	LNBA Unit
$ -	$ -	0.00	0.00	$/MW-year
$ 677,685.12	$ 677,685.12	2.90	23368.45	$/MW-year
$ 332,305.82	$ 332,305.82	0.94	35510.35	$/Vpu-year
$ 1,319,219.86	$ 1,319,219.86	1.84	71696.73	$/MW-year
$ 76,855.09	$ 76,855.09	2.70	3162.76	$/MW-year
$ -	$ -	0.00	0.00	$/MW-year
$ 2,118,801.01	$ 2,118,801.01	9.86	21488.85	$/MW-year
$ 810,416.76	$ 810,416.76	0.40	202604.19	$/MW-year
$ 28,637.18	$ 28,637.18	1.90	1674.69	$/MW-year
$ 929,236.35	$ 929,236.35	7.53	12340.46	$/MW-year
$ 270,352.29	$ 270,352.29	0.21	128739.18	$/MW-year
$ 105,978.76	$ 105,978.76	1.74	7613.42	$/MW-year
$ 16,078.05	$ 16,078.05	0.02	80390.26	$/MW-year
$ 216,274.17	$ 216,274.17	1.79	12082.36	$/MW-year
$ 1,626,222.14	$ 1,626,222.14	2.08	97729.70	$/MW-year
$ 680,857.26	$ 680,857.26	4.96	13726.96	$/MW-year
$ 88,562.24	$ 88,562.24	0.40	22140.56	$/MW-year
$ 544,428.21	$ 544,428.21	3.80	14327.06	$/MW-year
$ 128,990.27	$ 128,990.27	0.70	26324.55	$/MW-year
$ 224,855.62	$ 224,855.62	1.20	18737.97	$/MW-year
$ 48,430.96	$ 48,430.96	0.50	9686.19	$/MW-year
$ 89,373.33	$ 89,373.33	3.00	3310.12	$/MW-year
$ 431,278.78	$ 431,278.78	2.46	17531.66	$/MW-year
$ 25,401.95	$ 25,401.95	1.67	1521.07	$/MW-year
$ 25,109.19	$ 25,109.19	2.30	1091.70	$/MW-year
$ 26,985.54	$ 26,985.54	1.67	1615.90	$/MW-year
$ 52,123.08	$ 52,123.08	1.67	3121.14	$/MW-year
$ 49,152.25	$ 49,152.25	0.85	5754.19	$/Vpu-year
$ 370,967.67	$ 370,967.67	0.78	47559.96	$/MW-year
$ 387,004.18	$ 387,004.18	7.40	5229.79	$/MW-year
$ 416,089.56	$ 416,089.56	0.50	83217.91	$/MW-year
$ 114,003.60	$ 114,003.60	0.10	114003.60	$/MW-year
$ 857,822.61	$ 857,822.61	2.74	34785.99	$/MW-year
$ 113,807.27	$ 113,807.27	6.58	1729.59	$/MW-year
$ 269,583.78	$ 269,583.78	2.65	10172.97	$/MW-year
$ 951,524.28	$ 951,524.28	1.91	49818.03	$/MW-year
$ 132,160.32	$ 132,160.32	1.52	8694.76	$/MW-year
$ 70,836.95	$ 70,836.95	0.93	7616.88	$/MW-year
$ 821,829.69	$ 821,829.69	4.44	18509.68	$/MW-year
$ 395,914.54	$ 395,914.54	2.44	16226.01	$/MW-year
$ 981,415.53	$ 981,415.53	5.26	20727.27	$/MW-year
$ 857,458.74	$ 857,458.74	9.03	9495.67	$/MW-year
$ 2,524,624.36	$ 2,524,624.36	4.68	59938.85	$/MW-year
$ 98,913.09	$ 98,913.09	0.79	13911.83	$/MW-year
$ 163,881.84	$ 163,881.84	2.53	7200.12	$/MW-year
$ 100,495.87	$ 100,495.87	1.44	7754.31	$/MW-year
$ 66,104.69	$ 66,104.69	1.20	6120.80	$/MW-year
$ 157,074.94	$ 157,074.94	0.55	31732.31	$/MW-year
$ 2,255,110.68	$ 2,255,110.68	0.47	533123.09	$/MW-year
$ 151,280.83	$ 151,280.83	0.50	33617.96	$/MW-year
$ 1,684,756.09	$ 1,684,756.09	0.24	767193.12	$/MW-year
$ 330,768.41	$ 330,768.41	6.92	5310.99	$/MW-year
$ 105,430.63	$ 105,430.63	1.63	7186.82	$/MW-year
$ 667,146.54	$ 667,146.54	1.78	41644.60	$/MW-year
$ 38,101.42	$ 38,101.42	0.10	42334.92	$/MW-year
$ 129,000.08	$ 129,000.08	0.10	143333.42	$/MW-year
$ 3,041,639.91	$ 3,041,639.91	13.47	22580.85	$/MW-year
$ 178,286.37	$ 178,286.37	1.76	11255.45	$/MW-year
$ 1,932,655.55	$ 1,932,655.55	1.67	128548.04	$/MW-year
$ 2,031,818.67	$ 2,031,818.67	0.66	344142.73	$/MW-year
$ 1,804,305.91	$ 1,804,305.91	0.57	350425.51	$/MW-year
$ 726,584.97	$ 726,584.97	0.27	302365.78	$/MW-year
$ 174,421.61	$ 174,421.61	3.01	6438.60	$/MW-year
$ 1,050,201.93	$ 1,050,201.93	0.58	201188.11	$/MW-year
$ 2,360,143.59	$ 2,360,143.59	2.20	118982.84	$/MW-year
$ 663,877.34	$ 663,877.34	7.91	9325.43	$/MW-year
$ 626,751.96	$ 626,751.96	0.30	232130.36	$/MW-year
$ 517,758.73	$ 517,758.73	1.70	33840.44	$/MW-year
$ 970,262.03	$ 970,262.03	0.60	179678.15	$/MW-year
$ 247,885.69	$ 247,885.69	0.98	28104.95	$/MW-year
$ 44,274.82	$ 44,274.82	0.67	7342.42	$/Vpu-year
$ 462,862.04	$ 462,862.04	1.95	26373.91	$/MW-year
$ 20,541.17	$ 20,541.17	0.23	9923.27	$/Vpu-year
$ 20,408.60	$ 20,408.60	0.30	7558.74	$/MW-year
$ 570,428.62	$ 570,428.62	2.50	25352.38	$/Vpu-year
$ 118,942.82	$ 118,942.82	0.85	15548.08	$/MW-year
$ 91,494.48	$ 91,494.48	1.59	6393.74	$/MW-year
$ 13,724.17	$ 13,724.17	4.89	311.84	$/MW-year
$ 140,241.33	$ 140,241.33	1.76	9960.32	$/MW-year
$ 258,305.66	$ 258,305.66	0.68	47552.59	$/MW-year
$ 2,167,952.15	$ 2,167,952.15	2.80	96783.58	$/MW-year
$ 97,842.37	$ 97,842.37	0.20	61151.48	$/MW-year
$ 1,552,934.10	$ 1,552,934.10	2.30	84398.59	$/MW-year
$ 640,855.74	$ 640,855.74	1.59	50381.74	$/MW-year
$ 84,014.50	$ 84,014.50	0.39	26996.95	$/MW-year

$ 799,402.51	$ 799,402.51	0.40	249813.28	$/MW-year
$ 1,476,222.08	$ 1,476,222.08	0.80	230659.70	$/MW-year
$ 2,091,024.23	$ 2,091,024.23	1.40	186698.59	$/MW-year
$ 1,051,252.21	$ 1,051,252.21	0.20	657032.63	$/MW-year
$ 540,709.25	$ 540,709.25	0.20	337943.28	$/MW-year
$ 3,141,739.87	$ 3,141,739.87	9.22	42594.09	$/MW-year
$ 70,233,749.34	$ 70,233,749.34	35.06	200324.44	$/MW-year
$ 3,633,212.91	$ 3,633,212.91	9.24	43689.43	$/MW-year
$ 12,624,630.48	$ 12,624,630.48	0.39	3237084.74	$/MW-year
$ 10,319,291.40	$ 10,319,291.40	3.65	314133.68	$/MW-year
$ 7,070,361.36	$ 7,070,361.36	10.43	75320.78	$/MW-year
$ 146,256.67	$ 146,256.67	102.75	142.34	$/MW-year
$ 2,491,894.55	$ 2,491,894.55	7.90	31542.97	$/MW-year
$ -	$ -	0.00	0.00	$/MW-year
$ 1,560,913.70	$ 1,560,913.70	19.24	8112.86	$/MW-year
$ 83,493.62	$ 83,493.62	1.92	4348.63	$/MW-year
$ 3,685,614.56	$ 3,685,614.56	5.91	69291.49	$/MVAR-year
$ 16,041,803.39	$ 16,041,803.39	87.24	26268.76	$/MVAR-year
$ 6,134,835.37	$ 6,134,835.37	18.40	33341.50	$/MVAR-year
$ 4,610,444.60	$ 4,610,444.60	8.58	53734.79	$/MVAR-year
$ 7,212,271.46	$ 7,212,271.46	23.22	38832.44	$/MVAR-year
$ 6,758,577.75	$ 6,758,577.75	22.37	37767.55	$/MVAR-year
$ 6,150,928.11	$ 6,150,928.11	30.07	22728.18	$/MVAR-year
$ 6,501,748.19	$ 6,501,748.19	5.31	153054.34	$/MVAR-year
$ 7,536,218.21	$ 7,536,218.21	5.40	174449.50	$/MVAR-year
$ 4,311,168.68	$ 4,311,168.68	5.13	84038.38	$/MVAR-year
$ 11,695.01	$ 11,695.01	1.30	899.62	$/MVAR-year
$ 8,219,311.03	$ 8,219,311.03	0.96	856178.23	$/MW-year
$ 7,803,084.47	$ 7,803,084.47	8.00	108376.17	$/MW-year
$ 7,319,835.75	$ 7,319,835.75	2.80	326778.38	$/MW-year
$ 1,061,953.01	$ 1,061,953.01	6.29	18759.11	$/MVAR-year
$ -	$ -	0.00	0.00	$/MVAR-year
$ 43,842.19	$ 43,842.19	0.70	6263.17	$/MVAR-year
$ 4,087,877.61	$ 4,087,877.61	4.11	99461.74	$/MVAR-year
$ 4,187,927.18	$ 4,187,927.18	8.41	62224.05	$/MVAR-year
$ 726,783.37	$ 726,783.37	7.20	11215.79	$/MVAR-year
$ 3,516,770.68	$ 3,516,770.68	13.78	36458.33	$/MVAR-year
$ 5,535,867.37	$ 5,535,867.37	3.93	156513.07	$/MVAR-year
$ 2,867,966.08	$ 2,867,966.08	8.50	37489.75	$/MVAR-year
$ 2,497,681.09	$ 2,497,681.09	35.09	8897.41	$/MVAR-year
$ 1,305,497.84	$ 1,305,497.84	1.89	76708.26	$/MVAR-year
$ 3,437,607.40	$ 3,437,607.40	4.15	103542.39	$/MVAR-year
$ 7,717,206.59	$ 7,717,206.59	7.60	126927.74	$/MVAR-year
$ 5,633,355.74	$ 5,633,355.74	11.73	60031.50	$/MVAR-year
$ 2,771,285.45	$ 2,771,285.45	1.50	230940.45	$/MVAR-year
$ 21,202.67	$ 21,202.67	4.35	487.42	$/MVAR-year
$ 8,000,542.98	$ 8,000,542.98	6.98	143276.20	$/MVAR-year
$ 5,450,445.19	$ 5,450,445.19	7.97	75985.57	$/MVAR-year
$ 425,449.31	$ 425,449.31	2.61	18111.93	$/MVAR-year
$ 2,832,863.30	$ 2,832,863.30	15.78	25646.06	$/MVAR-year
$ 1,598,712.52	$ 1,598,712.52	4.10	43325.54	$/MW-year
$ 3,510,042.69	$ 3,510,042.69	3.06	143384.10	$/MW-year
$ 4,945,619.02	$ 4,945,619.02	23.53	26272.94	$/MW-year
$ 953,456.73	$ 953,456.73	24.59	5539.57	$/MW-year
$ 2,411,399.94	$ 2,411,399.94	12.13	28399.48	$/MW-year
$ 1,248,001.38	$ 1,248,001.38	15.00	11885.73	$/MW-year
$ 1,118,035.16	$ 1,118,035.16	4.24	26368.75	$/MW-year
$ -	$ -	0.00	0.00	$/MW-year
$ 9,498,545.76	$ 9,498,545.76	4.50	234531.99	$/MW-year
$ 4,894,900.17	$ 4,894,900.17	3.07	159443.00	$/MW-year
$ 6,472,392.12	$ 6,472,392.12	48.78	16585.67	$/MW-year
$ 163,625.93	$ 163,625.93	18.17	1125.66	$/MW-year
$ 1,890,842.37	$ 1,890,842.37	11.22	28087.38	$/MW-year
$ 2,577,301.31	$ 2,577,301.31	19.13	22454.27	$/MW-year
$ 8,275,271.40	$ 8,275,271.40	17.22	68663.62	$/MW-year
$ 1,604,818.73	$ 1,604,818.73	21.08	10875.70	$/MW-year
$ 517,963.49	$ 517,963.49	1.78	36373.84	$/MW-year
$ 4,125,011.00	$ 4,125,011.00	24.61	23945.03	$/MW-year
$ 325,279.77	$ 325,279.77	0.70	58085.67	$/MW-year
$ 878,204.56	$ 878,204.56	9.00	10842.03	$/MW-year
$ 1,025,169.63	$ 1,025,169.63	0.70	244088.01	$/MW-year
$ 1,256,879.29	$ 1,256,879.29	0.96	130788.69	$/Vpu-year
$ 163,234.50	$ 163,234.50	30.60	533.45	$/MW-year
$ 4,088,995.56	$ 4,088,995.56	43.20	9465.27	$/MW-year
$ 2,889,960.69	$ 2,889,960.69	8.60	37337.99	$/MW-year
$ 844,459.82	$ 844,459.82	0.87	107898.88	$/Vpu-year
$ 128,257.32	$ 128,257.32	42.00	339.31	$/MW-year
$ 3,762,964.32	$ 3,762,964.32	10.00	53756.63	$/MW-year
$ 212,448.32	$ 212,448.32	0.94	32355.82	$/Vpu-year
$ 137,672.36	$ 137,672.36	27.80	550.25	$/MW-year
$ 248,653.02	$ 248,653.02	8.90	3104.28	$/MVAR-year
$ 1,521,622.08	$ 1,521,622.08	9.00	21133.64	$/MW-year
$ 1,667,694.20	$ 1,667,694.20	13.72	15194.01	$/MW-year
$ 21,669.89	$ 21,669.89	11.53	208.83	$/MW-year
$ 1,059,172.25	$ 1,059,172.25	0.94	112438.67	$/Vpu-year
$ 943,058.64	$ 943,058.64	0.92	113772.31	$/Vpu-year
$ 4,147,265.10	$ 4,147,265.10	19.43	35574.41	$/MW-year
$ 17,650.53	$ 17,650.53	4.10	615.00	$/MW-year
$ 70,778.51	$ 70,778.51	5.00	1415.57	$/MW-year
$ 1,154,649.58	$ 1,154,649.58	59.00	2446.29	$/MW-year
$ 2,406,509.07	$ 2,406,509.07	4.00	85946.75	$/MW-year
$ 96,828.04	$ 96,828.04	139.30	77.23	$/MW-year
$ 1,796,263.14	$ 1,796,263.14	9.82	18291.89	$/MW-year
$ 822,066.66	$ 822,066.66	34.16	2673.91	$/MW-year
$ 1,787,686.13	$ 1,787,686.13	7.83	28539.05	$/MW-year
$ 1,151,894.89	$ 1,151,894.89	0.82	175980.03	$/MW-year
$ 2,443,937.42	$ 2,443,937.42	5.30	57640.03	$/MW-year
$ 490,509.12	$ 490,509.12	28.50	2151.36	$/MVAR-year
$ 747,200.59	$ 747,200.59	12.30	8678.29	$/MVAR-year
$ 351,135.65	$ 351,135.65	10.80	4644.65	$/MW-year
$ -	$ -	0.00	0.00	$/MW-year
$ 61,774,490.95	$ 61,774,490.95	155.71	79345.57	$/MW-year
$ 1,483,219.07	$ 1,483,219.07	19.70	12548.38	$/MW-year
$ 1,646,655.29	$ 1,646,655.29	5.83	40349.31	$/MW-year
$ 1,156,613.10	$ 1,156,613.10	3.17	45607.77	$/MW-year
$ 2,030,484.15	$ 2,030,484.15	5.30	47888.78	$/MW-year
$ 2,832,863.14	$ 2,832,863.14	1.11	364589.85	$/MW-year
$ 681,451.15	$ 681,451.15	19.70	4941.63	$/MW-year
$ 3,850,196.31	$ 3,850,196.31	29.00	22127.57	$/MW-year
$ 355,045.28	$ 355,045.28	25.76	1968.97	$/MW-year

$ 3,378,128.38	$ 3,378,128.38	5.22	80893.88	$/MW-year
$ 1,767,389.03	$ 1,767,389.03	5.25	42080.69	$/MW-year
$ 2,361,299.93	$ 2,361,299.93	11.22	35075.76	$/MW-year
$ 2,542,911.76	$ 2,542,911.76	11.03	38424.17	$/MW-year
$ 2,835,882.47	$ 2,835,882.47	3.17	127638.96	$/MW-year
$ 2,835,882.47	$ 2,835,882.47	3.00	135042.02	$/MW-year
$ 2,687,220.05	$ 2,687,220.05	3.39	113208.07	$/MW-year
$ 2,435,329.46	$ 2,435,329.46	21.08	16503.99	$/MW-year
$ 4,125,011.26	$ 4,125,011.26	8.46	69655.71	$/MW-year
$ 3,805,660.19	$ 3,805,660.19	11.11	48934.81	$/MW-year
$ 34,900.12	$ 34,900.12	0.10	34383.86	$/MVAR-year
$ 25,687.13	$ 25,687.13	0.18	14384.47	$/MVAR-year
$ 34,900.12	$ 34,900.12	1.72	2034.18	$/MVAR-year
$ 34,900.12	$ 34,900.12	0.17	21145.76	$/MVAR-year
$ 71,462.16	$ 71,462.16	2.41	2967.09	$/MVAR-year
$ 34,900.12	$ 34,900.12	1.32	2648.36	$/MVAR-year
$ 34,900.12	$ 34,900.12	2.53	1377.33	$/MVAR-year
$ 34,900.12	$ 34,900.12	2.21	1576.29	$/MVAR-year
$ 71,462.16	$ 71,462.16	1.68	4264.65	$/MVAR-year
$ 71,462.16	$ 71,462.16	1.12	6401.42	$/MVAR-year
$ -	$ -	0.00	0.00	$/MVAR-year
$ 34,900.12	$ 34,900.12	2.40	1456.39	$/MVAR-year
$ 34,900.12	$ 34,900.12	3.33	1048.66	$/MVAR-year
$ 34,900.12	$ 34,900.12	0.79	4392.27	$/MVAR-year
$ 34,900.12	$ 34,900.12	0.49	7098.67	$/MVAR-year
$ 34,900.12	$ 34,900.12	1.78	1962.54	$/MVAR-year
$ 71,462.16	$ 71,462.16	1.86	3849.23	$/MVAR-year
$ 71,462.16	$ 71,462.16	2.24	3187.95	$/MVAR-year
$ 34,900.12	$ 34,900.12	2.32	1506.91	$/MVAR-year
$ 71,462.16	$ 71,462.16	4.06	1761.93	$/MVAR-year
$ 34,900.12	$ 34,900.12	1.50	2319.18	$/MVAR-year
$ 69,800.25	$ 69,800.25	0.98	7098.33	$/Vpu-year
$ 34,900.12	$ 34,900.12	2.01	1737.08	$/MVAR-year
$ 34,900.12	$ 34,900.12	2.43	1438.59	$/MVAR-year
$ 34,900.12	$ 34,900.12	3.23	1080.97	$/MVAR-year
$ 34,900.12	$ 34,900.12	3.69	947.07	$/MVAR-year
$ 34,900.12	$ 34,900.12	0.57	6090.81	$/MVAR-year
$ 34,900.12	$ 34,900.12	1.69	2067.82	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.51	8204.90	$/MVAR-year
$ 37,427.20	$ 37,427.20	2.75	1512.51	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.60	6930.96	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.03	121595.85	$/MVAR-year
$ 59,883.52	$ 59,883.52	0.31	21601.88	$/MVAR-year
$ 59,883.52	$ 59,883.52	1.00	6678.44	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.16	25991.11	$/MVAR-year
$ 37,427.20	$ 37,427.20	2.61	1591.98	$/MVAR-year
$ 26,806.53	$ 26,806.53	0.16	18098.15	$/MVAR-year
$ 26,806.53	$ 26,806.53	1.03	2897.38	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.18	22903.04	$/MVAR-year
$ 59,883.52	$ 59,883.52	4.40	1513.31	$/MVAR-year
$ 112,281.61	$ 112,281.61	0.82	15214.31	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.48	8694.50	$/MVAR-year
$ 59,883.52	$ 59,883.52	1.03	6447.41	$/MVAR-year
$ 59,883.52	$ 59,883.52	3.18	2091.17	$/MVAR-year
$ 37,427.20	$ 37,427.20	1.10	3795.17	$/MVAR-year
$ 37,427.20	$ 37,427.20	3.17	1313.93	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.81	5164.28	$/MVAR-year
$ 37,427.20	$ 37,427.20	0.49	8556.75	$/MVAR-year
$ 37,427.20	$ 37,427.20	1.42	2919.94	$/MVAR-year
$ 37,427.20	$ 37,427.20	2.44	1704.30	$/MVAR-year
$ 37,427.20	$ 37,427.20	2.67	1559.70	$/MVAR-year
$ 83,560.95	$ 83,560.95	0.71	14689.12	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.25	8325.46	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.20	8725.35	$/MVAR-year
$ 83,560.95	$ 83,560.95	0.86	12186.58	$/MVAR-year
$ 56,175.43	$ 56,175.43	3.11	2260.67	$/MVAR-year
$ 83,560.95	$ 83,560.95	2.20	4755.62	$/MVAR-year
$ 83,560.95	$ 83,560.95	0.29	36155.67	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.77	5911.72	$/MVAR-year
$ 83,560.95	$ 83,560.95	0.94	11137.42	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.56	6699.11	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.07	9761.79	$/MVAR-year
$ 266,833.27	$ 266,833.27	5.48	6086.53	$/MVAR-year
$ 133,416.63	$ 133,416.63	3.52	4737.70	$/MVAR-year
$ 83,560.95	$ 83,560.95	0.56	18820.03	$/MVAR-year
$ 83,560.95	$ 83,560.95	1.27	8254.60	$/MVAR-year
$ 56,175.43	$ 56,175.43	1.42	4945.37	$/MVAR-year
$ 7,647,215.95	$ 7,647,215.95	44.40	24604.94	$/MW-year
$ 192,206,364.87	$ 192,206,364.87	347.00	138477.21	$/MW-year
$ 14,311,183.03	$ 14,311,183.03	24.85	115180.55	$/MW-year
$ 152,125,629.59	$ 152,125,629.59	24.85	1224351.144	$/MW-year

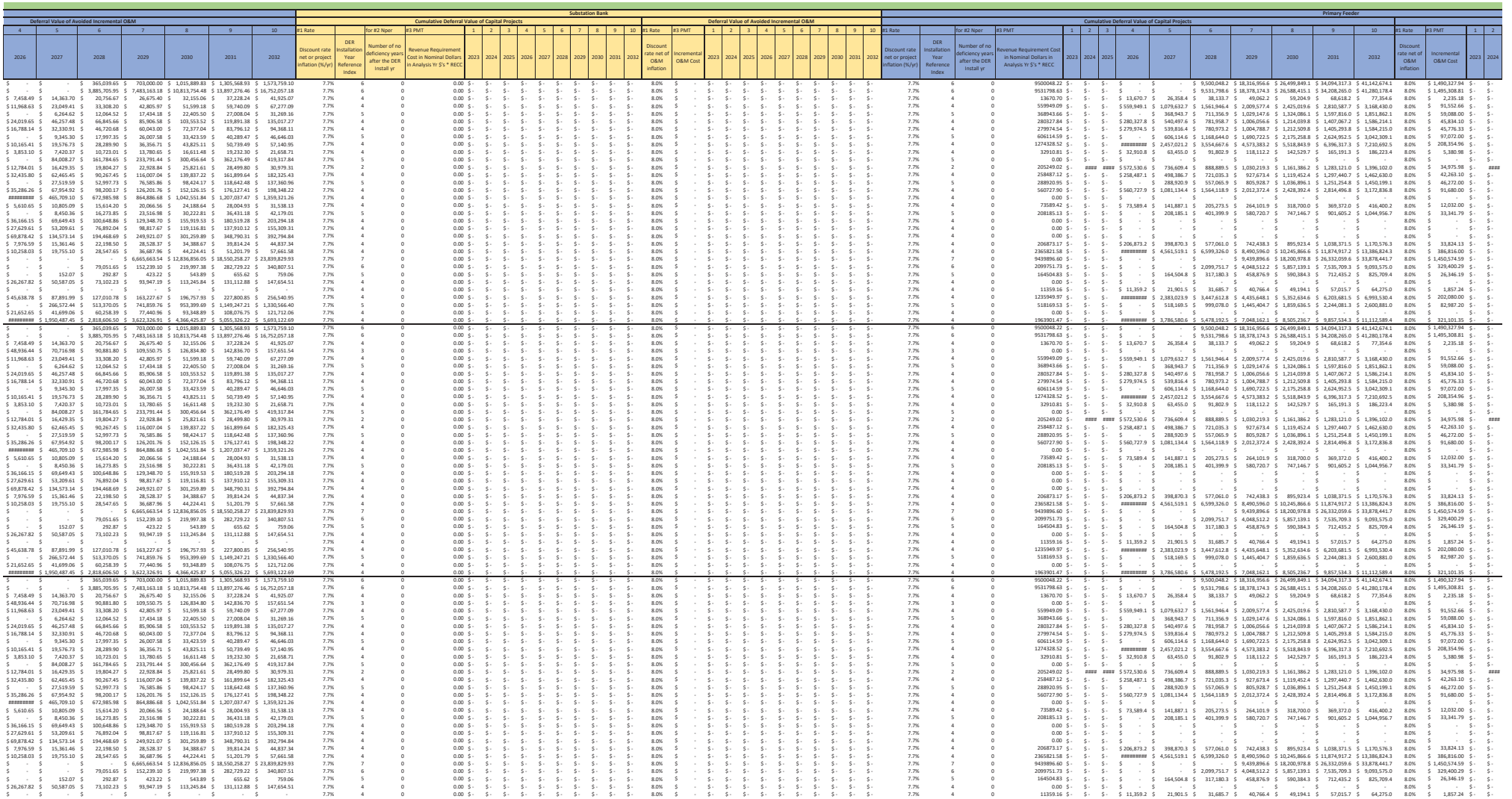
General Inputs

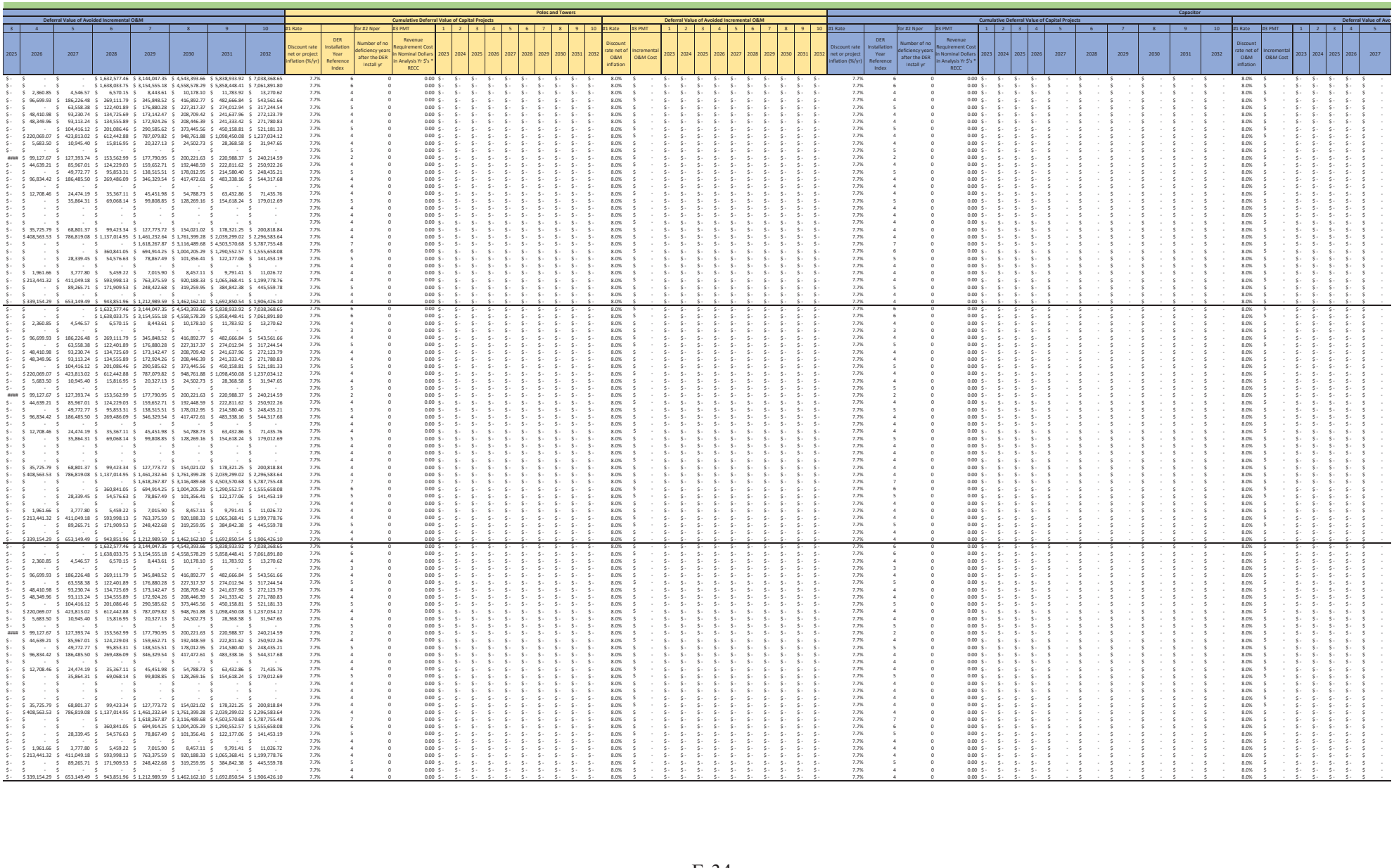
First load forecast year	2023
Discount Rate (%/yr)	10.00%
Cost Year Basis	2023

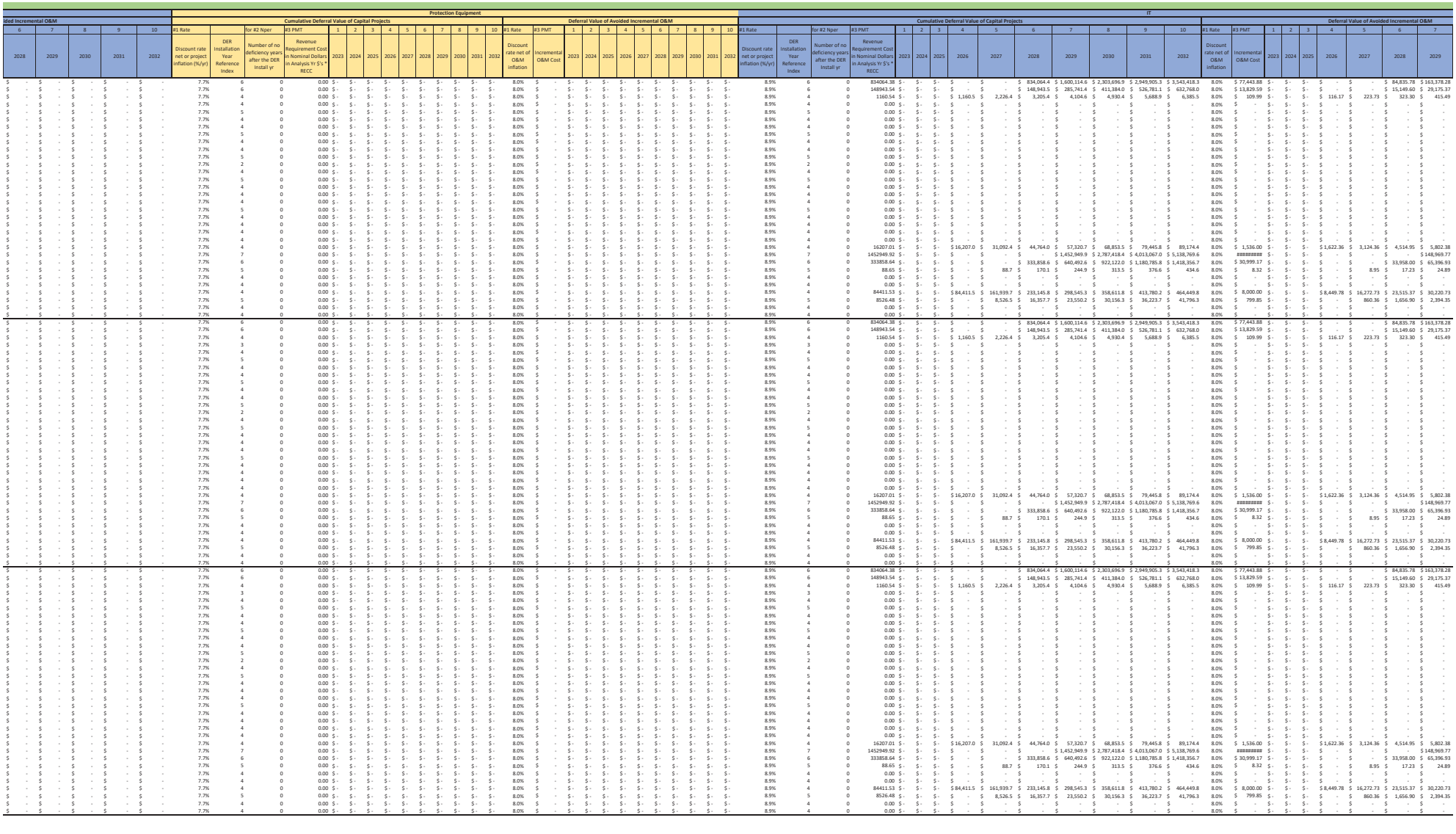
Parameters	Substation	Substation Bank	Primary Feeder	Poles and towers	Capacitors	Protection equipment	IT
Revenue Requirement Multiplier	1.12	1.12	1.17	1.21	1.17	1.15	1.22
Equipment Inflation (%/yr)	2.1%	2.1%	2.1%	2.1%	2.1%	2.1%	1.0%
O&M Inflation (%/yr)	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%
O&M Factor	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%	1.6%
Book Life (yrs)	67	67	33	55	33	49	11
RECC	0.072	0.072	0.079	0.073	0.079	0.074	0.134
Discount rate net or project inflation (%/yr)	7.7%	7.7%	7.7%	7.7%	7.7%	7.7%	8.9%
Discount rate net of O&M inflation (%/yr)	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%	8.0%

Project Inputs and LNBA Calculation

| | Capital Cost | | | | | | | Project Information | | Cumulative MW Reduction Needed for Deferral | | | | | | | | | | Substation | | | | | | | | | |







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| | | |

Parameters								Source/Citation
Discount Rate (%/yr)							10.00%	Incremental cost of capital based on authorized cost of capital adjusted for long term interest rate projections, and used for ratepayer analysis.
	Substation	Substation Bank	Primary Feeder	Poles and towers	Capacitors	Protection equipment	IT	
Revenue Requirement Multiplier	1.12	1.12	1.17	1.21	1.17	1.15	1.22	Present value of revenue requirement calculations from model typically used to support analysis for capital approvals and other ad-hoc financial analysis. Calculations done for each equipment type using other depreication/tax assumptions supporting the GRC, and previously defined cost of capital inputs
Equipment Inflation (%/yr)	2.09%	2.09%	2.09%	2.09%	2.09%	2.09%	1.03%	IHS Markit, Jan 23, 2023 Update
O&M Inflation (%/yr)	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	1.84%	IHS Markit, Jan 23, 2023 Update
O&M Factor	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	2021 GRC Final Decision Authorized Rates AL 4586-E, AL 4639
Book Life (yrs)	67	67	33	55	33	49	11	2021 GRC Final Decision Authorized Rates AL 4586-E, AL 4639

Attachment F

Known Load Projects

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
627848	Hector	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627847	Dogbane	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627843	Borchard	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627841	Ironwood	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627837	Stinger	Cancelled	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627796	Roswell	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627795	Limonite	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627794	Verdemont	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627793	Famous	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627773	Texfi	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627767	Soldier	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627766	Marble	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627765	Quarterback	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627764	Speedway	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627763	Chaney	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627760	Turbine	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627759	Cain Ranch	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627758	Pecos	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627757	Talpa	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627756	Alpha	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627755	Socrates	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627754	Lopez	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627753	Byer	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627751	Saints	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627750	Karen	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627749	Webster	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627748	Annika	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627747	Starboard	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627745	Cronin	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627744	Hazelnut	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627743	Judge	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627742	Aluminum	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627741	Allergan	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627740	Dupont	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627739	Devon	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627738	Nimbus	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627737	Matterhorn	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627736	Vine	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627693	Gale 115/33 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627659	Manning	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627654	Klamath	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
627654	Webb	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
627650	Volvo	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627639	Jameson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627638	Storke	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627635	Corsica	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627633	Ryan	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627632	Blackhills	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627631	Flatcar	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627630	Turntable	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627629	Tender	New	Commercial	Business	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627628	Marlene	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627627	Octane	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
627626	Norwich	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627625	Norwich	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627624	Hollywood	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627623	Formosa	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627622	Fuller	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627621	Carnelian	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627620	Yukon 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627618	Washington 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627617	Walnut 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627616	Victoria 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627615	Valdez 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627614	Vail 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627613	Upland 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627612	Twentynine Palms 33/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627611	Tortilla 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627610	Torrance 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627609	Thornhill 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627608	Team 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627607	Tapia 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627606	Tahiti 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627605	Stadium 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627604	Skiland 33/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627603	Shuttle 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627602	Saugus 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627601	Santiago 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627600	Santa Rosa 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627599	Santa Monica 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627598	Santa Barbara 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627597	San Marcos 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627596	San Fernando 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627595	Royal 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627594	Rosemead 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627593	Redlands 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627592	Randolph 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627591	Railroad 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627590	Potrero 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627589	Peyton 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627588	Mira Loma 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627587	Outlet P.T. 33/12 (A)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627586	Ojai 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627585	Oceanview 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627584	Newcomb 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	1	0	0	0	0	0	0	0

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0.7	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	
0	0.072	0	0	0	0	0	0	0	0	0.072	0	0	0	0	0	0	0	0	0	0	
1.161	0	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	0.33	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	
2.903	0	0	0	0	0	0	0	0	0	2.903	0	0	0	0	0	0	0	0	0	0	
0	2.075	0	0	0	0	0	0	0	0	2.075	0	0	0	0	0	0	0	0	0	0	
0	6.917	0	0	0	0	0	0	0	0	6.917	0	0	0	0	0	0	0	0	0	0	
0	11.625	0	0	0	0	0	0	0	0	11.625	0	0	0	0	0	0	0	0	0	0	
0	2.903	0	0	0	0	0	0	0	0	2.903	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0	0.871	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.245	0	0	0	0	0	0	0	0	0	0.245	0	0	0	0	0	0	0	0	0	0	
0	1.05	0	0	0	0	0	0	0	0	1.05	0	0	0	0	0	0	0	0	0	0	
0	0.372	0	0	0	0	0	0	0	0	0.372	0	0	0	0	0	0	0	0	0	0	
1.161	0	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
1.451	0	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0	0.324	0	0	0	0	0	0	0	0	0.324	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
1.742	0	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	0.7	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	
1.161	0	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	2.032	0	0	0	0	0	0	0	0	2.032	0	0	0	0	0	0	0	0	0	0	
0	2.97	0	0	0	0	0	0	0	0	2.97	0	0	0	0	0	0	0	0	0	0	
0.96	0	0	0	0	0	0	0	0	0	0.96	0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	
1.161	0	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0.63	0	0	0	0	0	0	0	0	0	0.63	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
1.742	0	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
1.161	0	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	0.871	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0	5.182	0	0	0	0	0	0	0	0	5.182	0	0	0	0	0	0	0	0	0	0	
0	0.675	0	0	0	0	0	0	0	0	0.675	0	0	0	0	0	0	0	0	0	0	
1.451	0	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0	0	5.619	3.472	3.788	0	0	0	0	0	12.879	0	0	0	0	0	0	0	0	0	0	
0	0.49	0	0	0	0	0	0	0	0	0.49	0	0	0	0	0	0	0	0	0	0	
0	0.5	1	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0.25	0.5	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
0	1.8336	1.8336	0	0	0	0	0	0	0	3.6672	0	0	0	0	0	0	0	0	0	0	
0	0.53	0	0	0	0	0	0	0	0	0.53	0	0	0	0	0	0	0	0	0	0	
0	1.12	0	0	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	
0	0.84	0	0	0	0	0	0	0	0	0.84	0	0	0	0	0	0	0	0	0	0	
0	3.77	0	0	0	0	0	0	0	0	3.77	0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	0	1.161	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0	3.743	3.219	3.356	0	0	0	0	0	0	10.318	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
1.3	0	0	0	0	0	0	0	0	0	1.3	0	0	0	0	0	0	0	0	0	0	
0	1.548	0	0	0	0	0	0	0	0	1.548	0	0	0	0	0	0	0	0	0	0	
0	2.322	0	0	0	0	0	0	0	0	2.322	0	0	0	0	0	0	0	0	0	0	
0	1.548	0	0	0	0	0	0	0	0	1.548	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	2.322	0	0	0	0	0	0	0	0	2.322	0	0	0	0	0	0	0	0	0	0	
0	0	8.752	4.987	5.366	0	0	0	0	0	19.105	0	0	0	0	0	0	0	0	0	0	
0	0	6.814	3.373	3.579	0	0	0	0	0	13.766	0	0	0	0	0	0	0	0	0	0	
0	0	0	0.064	0.895	0	0	0	0	0	0.959	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1.331	0	0	0	0	0	1.331	0	0	0	0	0	0	0	0	0	0	
0	0	6.838	3.067	3.323	0	0	0	0	0	13.228	0	0	0	0	0	0	0	0	0	0	
0	0	4.861	3.662	4.735	0	0	0	0	0	13.258	0	0	0	0	0	0	0	0	0	0	
0	0	0	0.959	1.406	0	0	0	0	0	2.365	0	0	0	0	0	0	0	0	0	0	
0	0	4.729	1.981	2.109	0	0	0	0	0	8.819	0	0	0	0	0	0	0	0	0	0	
0	0	12.4829	7.227	7.778	0	0	0	0	0	27.4879	0	0	0	0	0	0	0	0	0	0	
0	0	6.883	3.717	4.061	0	0	0	0	0	14.661	0	0	0	0	0	0	0	0	0	0	
0	0	1.789	1.278	1.15	0	0	0	0	0	4.217	0	0	0	0	0	0	0	0	0	0	
0	0	5.368	2.62	2.684	0	0	0	0	0	10.672	0	0	0	0	0	0	0	0	0	0	
0	0	0.758	0.694	0.821	0	0	0	0	0	2.273	0	0	0	0	0	0	0	0	0	0	
0	0	0.71	0.651	0.769	0	0	0	0	0	2.13	0	0	0	0	0	0	0	0	0	0	
0	0	7.221	3.451	3.515	0	0	0	0	0	14.187	0	0	0	0	0	0	0	0	0	0	
0	0	1.216	1.081	1.148	0	0	0	0	0	3.445	0	0	0	0	0	0	0	0	0	0	
0	0	1.377	1.927	2.203	0	0	0	0	0	5.507	0	0	0	0	0	0	0	0	0	0	
0	0	6.09	3.834	4.154	0	0	0	0	0	14.078	0	0	0	0	0	0	0	0	0	0	
0	0	0.947	1.199	1.326	0	0	0	0	0	3.472	0	0	0	0	0	0	0	0	0	0	
0	0	4.601	2.173	2.364	0	0	0	0	0	9.138	0	0	0	0	0	0	0	0	0	0	
0	0	12.734	7.09	7.64	0	0	0	0	0	27.464	0	0	0	0	0	0	0	0	0	0	
0	0	1.279	1.199	1.263	0	0	0	0	0	3.741	0	0	0	0	0	0	0	0	0	0	
0	0	5.112	2.684	2.748	0	0	0	0	0	10.544	0	0	0	0	0	0	0	0	0	0	
0	0	5.623	3.067	3.195	0	0	0	0	0	11.885	0	0	0	0	0	0	0	0	0	0	
0	0	1.475	1.406	1.661	0	0	0	0	0	4.542	0	0	0	0	0	0	0	0	0	0	
0	0	9.215	5.66	6.095	0	0	0	0	0	20.97	0	0	0	0	0	0	0	0	0	0	
0	0	3.648	1.996	2.34	0	0	0	0	0	7.984	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0.069	0	0	0	0	0	0.069	0	0	0	0	0	0	0	0	0	0	
0	0	1.4009	2.87	3.579	0	0	0	0	0	7.8499	0	0	0	0	0	0	0	0	0	0	
0	0	3.579	2.34	2.616	0	0	0	0	0	8.535	0	0	0	0	0	0	0	0	0	0	
0	0	4.665	2.492	2.62	0	0	0	0	0	9.777	0	0	0	0	0	0	0	0	0	0	
0	0	5.432	2.492	2.62	0	0	0	0	0	10.544	0	0	0	0	0	0	0	0	0	0	
3.6304	3.6304	3.0435	3.0435	3.0435	0	0	0	0	0	16.3913	0	0	0	0	0	0	0	0	0	0	
0	0	0.256	0.32	0.32	0	0	0	0	0	0.896	0	0	0	0	0	0	0	0	0	0	
0	0	1.571	1.139	1.217	0	0	0	0	0	3.927	0	0	0	0	0	0	0	0	0	0	
0	0	3.029	1.927	2.203	0	0	0	0	0	7.159	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2023-07-06	2024-01-01	2024-01-01	
N/A		2023-07-06	2024-01-01	2024-01-01	
N/A		2023-07-05	2023-01-01	2023-01-01	
N/A		2023-07-05	2024-01-01	2023-07-05	
N/A		2023-07-03	2024-01-01	2022-12-15	
N/A		2023-05-05	2023-01-01	2024-04-02	
N/A		2023-05-05	2024-01-01	2023-12-31	
N/A		2023-05-05	2024-01-01	2024-06-30	
N/A		2023-05-05	2024-01-01	2024-01-30	
N/A		2023-04-05	2024-01-01	2024-01-01	
N/A		2023-03-31	2023-01-01	2023-03-31	
N/A		2023-03-31	2023-01-01	2023-03-31	
N/A		2023-03-30	2024-01-01	2023-03-30	
N/A		2023-03-30	2023-01-01	2023-03-30	
N/A		2023-03-30	2023-01-01	2023-03-30	
N/A		2023-03-30	2024-01-01	2023-02-27	
N/A		2023-03-30	2024-01-01	2021-07-28	
N/A		2023-03-30	2023-01-01	2022-11-17	
N/A		2023-03-30	2023-01-01	2022-09-06	
N/A		2023-03-30	2024-01-01	2022-12-08	
N/A		2023-03-30	2024-01-01	2021-11-01	
N/A		2023-03-30	2023-01-01	2023-08-11	
N/A		2023-03-30	2024-01-01	2023-09-19	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2024-01-01	2023-03-29	
N/A		2023-03-29	2024-01-01	2022-09-29	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2024-01-01	2023-01-20	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2023-01-01	2022-12-22	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2023-01-01	2023-03-29	
N/A		2023-03-29	2024-01-01	2023-02-13	
N/A		2023-03-29	2024-01-01	2023-03-29	
N/A		2023-03-29	2024-01-01	2023-12-31	
N/A		2023-03-28	2023-01-01	2023-03-28	
N/A		2023-03-24	2025-01-01	2025-01-01	
N/A		2023-03-21	2024-01-01	2024-03-20	
N/A		2023-03-16	2024-01-01	2024-01-01	
N/A		2023-03-16	2024-01-01	2024-01-01	
N/A		2023-03-15	2024-01-01	2022-09-30	
N/A		2023-03-02	2024-01-01	2024-01-01	
N/A		2023-03-02	2024-01-01	2024-01-01	
N/A		2023-03-01	2024-01-01	2024-01-01	
N/A		2023-02-27	2024-01-01	2024-09-01	
N/A		2023-02-24	2024-01-01	2024-06-01	
N/A		2023-02-24	2025-01-01	2024-06-01	
N/A		2023-02-24	2023-01-01	2023-06-01	
N/A		2023-02-24	2024-01-01	2024-06-01	
N/A		2023-02-24	2023-01-01	2023-09-01	
N/A		2023-02-23	2023-01-01	2023-06-30	
N/A		2023-02-23	2024-01-01	2024-04-01	
N/A		2023-02-23	2024-01-01	2024-06-01	
N/A		2023-02-23	2024-01-01	2024-04-01	
N/A		2023-02-23	2024-01-01	2024-06-01	
N/A		2023-02-23	2024-01-01	2024-06-30	
N/A		2023-02-23	2024-01-01	2024-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2026-01-01	2026-01-01	
N/A		2023-02-23	2027-01-01	2027-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2026-01-01	2026-01-01	
N/A		2023-02-23	2025-01-01	2025

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
627583	Newbury 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627582	Movie 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627581	Moraga 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627580	Maraschino 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627579	La Palma 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627578	Johanna 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627577	Isla Vista 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627576	Irvine 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627575	Inyokern 33/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627574	Homart 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627573	Highland 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627572	Gonzales 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627571	Goldtown 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627570	Gisler 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627569	Gallatin 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627568	Fogarty 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627567	Fairview 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627566	Etiwanda 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627565	Eric 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627564	Elizabeth Lake 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627563	El Nido 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627562	Diamond Bar 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627561	Culver 66/16 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627560	Center 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627559	Carolina 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627558	Cabrillo 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627557	Burnt Mill 33/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627556	Baker 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627555	Aqueduct 115/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627554	Alder 66/12 (D)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627550	Mailbox	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627547	Walter	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627546	Dodge	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627545	Wanda	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627544	Brickyard	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627544	Union Pacific	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627543	Eastland	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627542	Musket	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627541	Whale	New	Transportation	LD EV	Incremental	0.5	0	0	0	0	0	0	0	0	0	0	0
627539	Dickerson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627538	Burleson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627537	Mateus	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627535	Piston	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
627534	Mulkey	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627533	Firethorn	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
627532	Thames	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627530	Alaska	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
627526	Avanti	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627524	Blake	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
627519	Libra	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627516	Dickerson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627515	Rose	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627514	Citizens	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627513	Thor	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627508	Ante	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627501	Zeno	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627500	Gasbag	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627498	Blake	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627497	Quicksilver	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
627496	Amar	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627494	Tigercat	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627493	Triumph	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627492	Heacock	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627490	Weirick	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627489	Whitehorse	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627488	Diplomat	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627345	Onaga	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627342	Cerveza	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627335	Callaway	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627332	Gallon	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627331	Chia	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
627330	Matador	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612879	Raul	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612878	Annenberg	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612877	Pistola	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612874	Sumac	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612873	Sumac	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612872	Sumac	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612871	Atlanta	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612870	Powder	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612869	Aruba	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612868	Arboles	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612867	Caliber	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612865	Famous	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612865	Sad	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612864	Fleetwood	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612863	Zinfandel	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612862	Craftsman	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612859	Dunlap	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612858	Dangerfield	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612857	Sanber	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612856	Kaiser	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612855	Speedway	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612854	Catawba	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612853	Meredith	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0.895	1.377	1.445	0	0	0	0	0	3.717	0	0	0	0	0	0	0	0	0	0	
0	0	6.376	3.22	3.346	0	0	0	0	0	12.942	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.101	3.097	0	0	0	0	0	4.198	0	0	0	0	0	0	0	0	0	0	
0	0	3.166	1.858	2.271	0	0	0	0	0	7.295	0	0	0	0	0	0	0	0	0	0	
0	0	6.952	3.235	3.442	0	0	0	0	0	13.629	0	0	0	0	0	0	0	0	0	0	
0	0	2.715	1.199	1.326	0	0	0	0	0	5.24	0	0	0	0	0	0	0	0	0	0	
0	0	2.301	1.086	1.214	0	0	0	0	0	4.601	0	0	0	0	0	0	0	0	0	0	
0	0	5.587	2.83	2.975	0	0	0	0	0	11.392	0	0	0	0	0	0	0	0	0	0	
0	0	1.03	0.494	0.558	0	0	0	0	0	2.082	0	0	0	0	0	0	0	0	0	0	
0	0	2.62	1.342	1.661	0	0	0	0	0	5.623	0	0	0	0	0	0	0	0	0	0	
0	0	2.556	1.342	1.534	0	0	0	0	0	5.432	0	0	0	0	0	0	0	0	0	0	
0	0	1.7498	2.96	3.235	0	0	0	0	0	7.9448	0	0	0	0	0	0	0	0	0	0	
0	0	5.879	3.387	3.77	0	0	0	0	0	13.036	0	0	0	0	0	0	0	0	0	0	
0	0	2.841	2.462	2.588	0	0	0	0	0	7.891	0	0	0	0	0	0	0	0	0	0	
0	0	3.323	1.598	1.917	0	0	0	0	0	6.838	0	0	0	0	0	0	0	0	0	0	
0	0	3.648	2.203	2.478	0	0	0	0	0	8.329	0	0	0	0	0	0	0	0	0	0	
0	0	1.768	1.263	1.136	0	0	0	0	0	4.167	0	0	0	0	0	0	0	0	0	0	
0	0	6.838	3.067	3.323	0	0	0	0	0	13.228	0	0	0	0	0	0	0	0	0	0	
0	0	4.405	1.996	2.134	0	0	0	0	0	8.535	0	0	0	0	0	0	0	0	0	0	
0	0	2.812	1.342	1.534	0	0	0	0	0	5.688	0	0	0	0	0	0	0	0	0	0	
0	0	5.871	3.157	3.22	0	0	0	0	0	12.248	0	0	0	0	0	0	0	0	0	0	
0	0	3.834	2.173	2.364	0	0	0	0	0	8.371	0	0	0	0	0	0	0	0	0	0	
0	0	6.566	3.283	3.409	0	0	0	0	0	13.258	0	0	0	0	0	0	0	0	0	0	
0	0	2.109	1.534	1.789	0	0	0	0	0	5.432	0	0	0	0	0	0	0	0	0	0	
0	0	7.221	3.515	3.579	0	0	0	0	0	14.315	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.996	2.134	0	0	0	0	0	4.13	0	0	0	0	0	0	0	0	0	0	
0	0	0.136	0.182	0.159	0	0	0	0	0	0.477	0	0	0	0	0	0	0	0	0	0	
0	0	8.207	6.313	6.818	0	0	0	0	0	21.338	0	0	0	0	0	0	0	0	0	0	
0	0	9.138	4.473	4.793	0	0	0	0	0	18.404	0	0	0	0	0	0	0	0	0	0	
0	0	1.789	1.278	1.15	0	0	0	0	0	4.217	0	0	0	0	0	0	0	0	0	0	
3.416	0	0	0	0	0	0	0	0	0	3.416	0	0	0	0	0	0	0	0	0	0	
0	0.563	0	0	0	0	0	0	0	0	0.563	0	0	0	0	0	0	0	0	0	0	
0	2.25	0	0	0	0	0	0	0	0	2.25	0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	8.1	0	0	0	0	0	0	0	0	8.1	0	0	0	0	0	0	0	0	0	0	
0	0	4.05	0	0	0	0	0	0	0	4.05	0	0	0	0	0	0	0	0	0	0	
0	1.125	0	0	0	0	0	0	0	0	1.125	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	0.7	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0	0.817	0	0	0	0	0	0	0	0	0.817	0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0	0	0	0	0	
0.48	0	0	0	0	0	0	0	0	0	0.48	0	0	0	0	0	0	0	0	0	0	
0	1.4	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0	0	0	0	0	0	
0	0.84	0	0	0	0	0	0	0	0	0.84	0	0	0	0	0	0	0	0	0	0	
1.75	0	0	0	0	0	0	0	0	0	1.75	0	0	0	0	0	0	0	0	0	0	
0	0.871	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0	1.935	0	0	0	0	0	0	0	0	1.935	0	0	0	0	0	0	0	0	0	0	
0	0.469	0	0	0	0	0	0	0	0	0.469	0	0	0	0	0	0	0	0	0	0	
0	4.064	0	0	0	0	0	0	0	0	4.064	0	0	0	0	0	0	0	0	0	0	
0	3.773	0	0	0	0	0	0	0	0	3.773	0	0	0	0	0	0	0	0	0	0	
0	0.418	0	0	0	0	0	0	0	0	0.418	0	0	0	0	0	0	0	0	0	0	
0.162	0	0	0	0	0	0	0	0	0	0.162	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	1.091	0	0	0	0	0	0	0	0	1.091	0	0	0	0	0	0	0	0	0	0	
0	1.08	0	0	0	0	0	0	0	0	1.08	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
3.096	0	0	0	0	0	0	0	0	0	3.096	0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
1.451	0	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0	1.035	0	0	0	0	0	0	0	0	1.035	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	0.54	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0	4.644	0	0	0	0	0	0	0	0	4.644	0	0	0	0	0	0	0	0	0	0	
1.742	0	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0	0.525	0	0	0	0	0	0	0	0	0.525	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	
0	2.25	0	0	0	0	0	0	0	0	2.25	0	0	0	0	0	0	0	0	0	0	
2.2	0	0	0	0	0	0	0	0	0	2.2	0	0	0	0	0	0	0	0	0	0	
0.425	0	0	0	0	0	0	0	0	0	0.425	0	0	0	0	0	0	0	0	0	0	
0.264	0	0	0	0	0	0	0	0	0	0.264	0	0	0	0	0	0	0	0	0	0	
0.375	0.5	0.375	2.9167	0	0	0	0	0	0	4.1667	0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742	0	0	0	0	0	0	0	0	0	0	
0.8625	0	0	0	0	0	0	0	0	0	0.8625	0	0	0	0	0	0	0	0	0	0	
0	0.871	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
1.177	0	0	0	0	0	0	0	0	0	1.177	0	0	0	0	0	0	0	0	0	0	
0	0	24.7785	0	0	0	0	0	0	0	24.7785	0	0	0	0	0	0	0	0	0	0	
0	0	24.7785	0	0	0	0	0	0	0	24.7785	0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	
0.36	0	0	0	0	0	0	0	0	0	0.36	0	0	0	0	0	0	0	0	0	0	
3.24	0	0	0	0	0	0	0	0	0	3.24	0	0	0	0	0	0	0	0	0	0	
0.837	0	0	0	0	0	0	0	0	0	0.837	0	0	0	0	0	0	0	0	0	0	
2.61	0	0	0	0	0	0	0	0	0	2.61	0	0	0	0	0	0	0	0	0	0	
0.168	0	0	0	0	0	0	0	0	0	0.168	0	0	0	0	0	0	0	0	0	0	
1.08	0	0	0	0	0	0	0	0	0	1.08	0	0	0	0	0	0	0	0	0	0	
1.038	0	0	0	0	0	0	0	0	0	1.038	0	0	0	0	0	0	0	0	0	0	
0.84	0	0	0	0	0	0	0	0	0	0.84	0	0	0	0	0	0	0	0	0	0	
1.08	0	0	0	0	0	0	0	0	0	1.08	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2026-01-01	2026-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2026-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-23	2025-01-01	2025-01-01	
N/A		2023-02-22	2023-01-01	2023-02-22	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2025-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-02-21	
N/A		2023-02-21	2024-01-01	2023-12-14	
N/A		2023-02-16	2024-01-01	2023-02-16	
N/A		2023-02-16	2023-01-01	2023-06-30	
N/A		2023-02-13	2024-01-01	2024-01-15	
N/A		2023-02-08	2023-01-01	2023-09-16	
N/A		2023-02-08	2023-01-01	2023-11-01	
N/A		2023-02-07	2024-01-01	2024-02-03	
N/A		2023-02-07	2024-01-01	2024-02-23	
N/A		2023-02-02	2023-01-01	2023-08-04	
N/A		2023-01-27	2024-01-01	2024-06-01	
N/A		2023-01-26	2024-01-01	2024-04-10	
N/A		2023-01-24	2024-01-01	2024-01-08	
N/A		2023-01-19	2024-01-01	2023-01-19	
N/A		2023-01-19	2024-01-01	2023-01-19	
N/A		2023-01-19	2024-01-01	2023-01-19	
N/A		2023-01-18	2023-01-01	2023-07-01	
N/A		2023-01-11	2024-01-01	2023-01-10	
N/A		2023-01-09	2024-01-01	2023-01-09	
N/A		2023-01-09	2024-01-01	2023-01-09	
N/A		2023-01-09	2024-01-01	2024-05-01	
N/A		2023-01-09	2023-01-01	2024-06-01	
N/A		2023-01-09	2024-01-01	2022-11-10	
N/A		2023-01-05	2023-01-01	2023-01-05	
N/A		2023-01-05	2023-01-01	2023-06-01	
N/A		2023-01-04	2024-01-01	2023-01-04	
N/A		2023-01-04	2024-01-01	2024-04-01	
N/A		2023-01-03	2024-01-01	2024-04-01	
N/A		2023-01-03	2024-01-01	2024-03-15	
N/A		2022-12-22	2024-01-01	2023-09-17	
N/A		2022-12-14	2024-01-01	2023-09-30	
N/A		2022-11-15	2023-01-01	2022-11-15	
N/A		2022-11-10	2024-01-01	2024-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2024-01-01	2024-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2023-01-01	2023-01-01	
N/A		2022-11-10	2024-01-01	2023-10-01	
N/A		2022-11-09	2023-01-01	2022-06-15	
N/A		2022-11-09	2024-01-01	2024-01-15	
N/A		2022-11-08	2023-01-01	2023-01-01	
N/A		2022-11-07	2025-01-01	2025-06-01	
N/A		2022-11-07	2025-01-01	2025-06-01	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2022-12-31	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2023-02-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612852	Verdemont	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612851	Lytle	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612850	Fonri	New	Commercial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612845	Tips	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612842	Stack	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612841	Date Palm	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612840	Date Palm	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612839	Martian	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612838	Maxim	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612837	Maxim	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612836	Espresso	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612835	Price	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612834	Chimay	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612833	Finals	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612832	Radec	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612831	Bride	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612830	Hudson	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612829	Dillon	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612827	Kelvin	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612826	Townhall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612825	Mint Canyon	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612823	Nighthawk	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612821	Blackbird	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612821	Electra	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612818	Romanus	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612817	Python	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612816	Guitar	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612812	Horizon	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612804	Agassi	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612803	Fleetwood	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612800	Maxson	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612799	Redstone	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612798	Crosson	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612794	Alfredo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612793	Surfside	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612792	Vineyard	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612791	Sid	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612790	Mugu	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612789	Crosson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612786	Shine	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612785	San Nicholas	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612784	Shine	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612782	Burgundy	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612781	Zinfandel	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612780	Lancers	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612779	Texfi	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612778	Dynamics	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612777	Adolfo	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612775	Winford	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612774	Ricardo	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612771	Alvarado	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612769	Gringo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612768	Atmore	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612765	Sexton	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612765	Vineyard	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612764	Naumann	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612764	Sidewinder	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612763	Crosson	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612760	Petit	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612759	Atmore	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612754	Marble	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612753	Dixon	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612752	Speedway	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612750	Citrow	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612748	Larch	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612746	Wigwag	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612745	Flatcar	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612744	Slover	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612743	Ironhorse	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612742	Spike	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612741	Flatcar	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612740	Derby	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612739	Burnetta	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612738	Fairburn	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612737	Underworld	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612737	Burnetta	New	Commercial	Business	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612736	Cochise	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612735	Floodgate	New	Commercial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612734	Kern	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612733	Floodgate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612732	Waterway	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612731	Boise	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612730	Kern	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612729	Boise	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612728	Burnetta	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612727	Burnetta	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612726	Prayer	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612725	Base	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612724	Talpa	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612723	Flue	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612722	Sitzmark	New	Residential	Home Construction	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612721	Flatcar	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612720	Crowley	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612719	Slalom	New	Commercial	Business	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612718	Autumn	New	Commercial	Other	Embedded	1	0	0	0	7	0	0	0	0	0	0	0

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.542	0	0	0	0	0	0	0	0	0	0.542	0	0	0	0	0	0	0	0	0	0	
1.225	0	0	0	0	0	0	0	0	0	1.225	0	0	0	0	0	0	0	0	0	0	
7.5	0	0	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	0	0	0	0	0	0	0	0	0	0	
0	2.122	0	0	0	0	0	0	0	0	2.122	0	0	0	0	0	0	0	0	0	0	
0	0.542	0	0	0	0	0	0	0	0	0.542	0	0	0	0	0	0	0	0	0	0	
0	1.625	0	0	0	0	0	0	0	0	1.625	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0	
1.57	3.09	0	0	0	0	0	0	0	0	4.66	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
0	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813	0	0	0	0	0	0	0	0	0	0	
0	0.542	0	0	0	0	0	0	0	0	0.542	0	0	0	0	0	0	0	0	0	0	
0	1.5	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	
3.5	0	0	0	0	0	0	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	0	0	0	0	0	0	0	0	0	0	
0	0	3.2	0	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	0	
0	4.5	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	0	0	0	0	0	
0	4.5	0	0	0	0	0	0	0	0	4.5	0	0	0	0	0	0	0	0	0	0	
0.531	0	0	0	0	0	0	0	0	0	0.531	0	0	0	0	0	0	0	0	0	0	
0.43	0	0	0	0	0	0	0	0	0	0.43	0	0	0	0	0	0	0	0	0	0	
1.284	0	0	0	0	0	0	0	0	0	1.284	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0.6	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	
0.01	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	0	
1.635	0	0	0	0	0	0	0	0	0	1.635	0	0	0	0	0	0	0	0	0	0	
0	0.427	0	0	0	0	0	0	0	0	0.427	0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
1.451	0	0	0	0	0	0	0	0	0	1.451	0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0.22	0	0	0	0	0	0	0	0	0	0.22	0	0	0	0	0	0	0	0	0	0	
0	1.355	0	0	0	0	0	0	0	0	1.355	0	0	0	0	0	0	0	0	0	0	
0	0.54	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.44	0	0	0	0	0	0	0	0	0	0.44	0	0	0	0	0	0	0	0	0	0	
0	0	0	5.5	0	0	0	0	0	0	5.5	0	0	0	0	0	0	0	0	0	0	
0.31	0	0	0	0	0	0	0	0	0	0.31	0	0	0	0	0	0	0	0	0	0	
0	0.291	0	0	0	0	0	0	0	0	0.291	0	0	0	0	0	0	0	0	0	0	
0.8775	0	0	0	0	0	0	0	0	0	0.8775	0	0	0	0	0	0	0	0	0	0	
0.2085	0	0	0	0	0	0	0	0	0	0.2085	0	0	0	0	0	0	0	0	0	0	
0	0.1533	0	0	0	0	0	0	0	0	0.1533	0	0	0	0	0	0	0	0	0	0	
1.065	0	0	0	0	0	0	0	0	0	1.065	0	0	0	0	0	0	0	0	0	0	
0	2.25	0	0	0	0	0	0	0	0	2.25	0	0	0	0	0	0	0	0	0	0	
0	4.08	0	0	0	0	0	0	0	0	4.08	0	0	0	0	0	0	0	0	0	0	
0	0.288	0	0	0	0	0	0	0	0	0.288	0	0	0	0	0	0	0	0	0	0	
0	0.57	0	0	0	0	0	0	0	0	0.57	0	0	0	0	0	0	0	0	0	0	
0	1.05	0	0	0	0	0	0	0	0	1.05	0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	
0	0.612	0	0	0	0	0	0	0	0	0.612	0	0	0	0	0	0	0	0	0	0	
0	0.691	0	0	0	0	0	0	0	0	0.691	0	0	0	0	0	0	0	0	0	0	
0.513	0	0	0	0	0	0	0	0	0	0.513	0	0	0	0	0	0	0	0	0	0	
0	0.684	0	0	0	0	0	0	0	0	0.684	0	0	0	0	0	0	0	0	0	0	
0	1.635	0	0	0	0	0	0	0	0	1.635	0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0	6.5	0	0	0	0	0	0	0	0	6.5	0	0	0	0	0	0	0	0	0	0	
0.2385	0	0	0	0	0	0	0	0	0	0.2385	0	0	0	0	0	0	0	0	0	0	
0.0672	0	0	0	0	0	0	0	0	0	0.0672	0	0	0	0	0	0	0	0	0	0	
1.514	0	0	0	0	0	0	0	0	0	1.514	0	0	0	0	0	0	0	0	0	0	
0	0.514	0	0	0	0	0	0	0	0	0.514	0	0	0	0	0	0	0	0	0	0	
0	4.2	2	0	0	0	0	0	0	0	6.2	0	0	0	0	0	0	0	0	0	0	
0.396	0	0	0	0	0	0	0	0	0	0.396	0	0	0	0	0	0	0	0	0	0	
0	1.047	0	0	0	0	0	0	0	0	1.047	0	0	0	0	0	0	0	0	0	0	
0.0503	0	0	0	0	0	0	0	0	0	0.0503	0	0	0	0	0	0	0	0	0	0	
0.523	0	0	0	0	0	0	0	0	0	0.523	0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225	0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225	0	0	0	0	0	0	0	0	0	0	
0	2.4	0	0	0	0	0	0	0	0	2.4	0	0	0	0	0	0	0	0	0	0	
0	0	2.23	5.58	0	0	0	0	0	0	7.81	0	0	0	0	0	0	0	0	0	0	
0	1.031	1.031	1.031	1.031	0	0	0	0	0	4.124	0	0	0	0	0	0	0	0	0	0	
0	0	21.024	0	0	0	0	0	0	0	21.024	0	0	0	0	0	0	0	0	0	0	
0	0	2	4.5	5.5	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	
0.32	0	0	0	0	0	0	0	0	0	0.32	0	0	0	0	0	0	0	0	0	0	
1.149	0	0	0	0	0	0	0	0	0	1.149	0	0	0	0	0	0	0	0	0	0	
0.585	0	0	0	0	0	0	0	0	0	0.585	0	0	0	0	0	0	0	0	0	0	
0.32	0	0	0	0	0	0	0	0	0	0.32	0	0	0	0	0	0	0	0	0	0	
0.0065	0	0	0	0	0	0	0	0	0	0.0065	0	0	0	0	0	0	0	0	0	0	
0.128	0	0	0	0	0	0	0	0	0	0.128	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
0	0	3.8188	6.3923	5.3527	2.0848	0	0	0	0	17.6486	0	0	0	0	0	0	0	0	0	0	
0	6.651	0	0	0	0	0	0	0	0	6.651	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0.0375	0	0	0	0	0	0	0	0	0	0.0375	0	0	0	0	0	0	0	0	0	0	
0.42	0	0	0	0	0	0	0	0	0	0.42	0	0	0	0	0	0	0	0	0	0	
0.635	0	0	0	0	0	0	0	0	0	0.635	0	0	0	0	0	0	0	0	0	0	
0.4	0.4	0.4	0.4	0.24	0	0	0	0	0	1.84	0	0	0	0	0	0	0	0	0	0	
0.375	0	0	0	0	0	0	0	0	0	0.375	0	0	0	0	0	0	0	0	0	0	
0	1.5	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0.075	0	0	0	0	0	0	0	0	0	0.075	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2022-12-31	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2024-01-01	2023-10-01	
N/A		2022-11-07	2024-01-01	2023-12-31	
N/A		2022-11-07	2024-01-01	2022-11-07	
N/A		2022-11-07	2023-01-01	2022-11-07	
N/A		2022-11-07	2023-01-01	2022-11-07	
N/A		2022-11-07	2023-01-01	2022-11-07	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2023-01-01	2022-11-07	
N/A		2022-11-07	2023-01-01	2023-01-01	
N/A		2022-11-07	2024-01-01	2023-12-25	
N/A		2022-11-07	2025-01-01	2025-01-01	
N/A		2022-11-07	2024-01-01	2023-06-01	
N/A		2022-11-07	2024-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-08-10	
N/A		2022-11-07	2023-01-01	2023-08-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2027-01-01	2027-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2024-01-01	2023-09-01	
N/A		2022-11-07	2024-01-01	2023-10-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2023-01-01	2023-04-01	
N/A		2022-11-07	2023-01-01	2023-01-21	
N/A		2022-11-07	2023-01-01	2023-10-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2024-01-01	2024-01-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2026-01-01	2026-02-01	
N/A		2022-11-07	2023-01-01	2023-06-01	
N/A		2022-11-07	2024-01-01	2024-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2024-01-01	2023-07-03	
N/A		2022-11-06	2024-01-01	2023-10-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-06	2024-01-01	2023-02-01	
N/A		2022-11-06	2024-01-01	2024-01-01	
N/A		2022-11-06	2023-01-01	2023-04-06	
N/A		2022-11-06	2024-01-01	2023-07-01	
N/A		2022-11-06	2024-01-01	2023-07-01	
N/A		2022-11-06	2023-01-01	2023-01-01	
N/A		2022-11-06	2024-01-01	2024-01-01	Changed circuit
N/A		2022-11-06	2024-01-01	2024-04-01	
N/A		2022-11-06	2024-01-01	2023-10-01	
N/A		2022-11-06	2024-01-01	2023-10-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-06	2023-01-01	2023-06-01	
N/A		2022-11-06	2023-01-01	2023-04-01	
N/A		2022-11-06	2023-01-01	2023-01-01	
N/A		2022-11-06	2023-01-01	2023-04-01	
N/A		2022-11-06	2024-01-01	2024-06-01	
N/A		2022-11-05	2025-01-01	2025-01-01	Modified
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2025-01-01	2025-01-01	
N/A		2022-11-05	2025-01-01	2025-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2025-01-01	2025-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	9

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612717	Bobsled	New	Residential	Home Construction	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612716	Pegaso	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612715	Caterpillar	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612714	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612713	Freightliner	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612712	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612711	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612710	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612709	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612708	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612707	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612706	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612705	International	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612704	Freightliner	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612703	Freightliner	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612702	Pegaso	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612701	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612700	Brucite	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612699	Manzer	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612698	Spear	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612697	Volvo	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612696	Standing Rock	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612695	Koala	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612694	Flue	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612693	Purple	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612692	Beige	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612690	Taiwan	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612689	Chablis	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612688	Jerusalem	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612687	Capelin	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612686	Keller	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612685	Leon	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612684	Callaway	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612683	Garboni	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612682	Farmington	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612681	Ruiz	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612680	Equinox	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612679	Appalousa	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612678	Thoroughbred	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612677	Football	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612676	Collier	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612675	Collier	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612674	Photon	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612673	Pigskin	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612672	Serpentine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612670	Flatcar	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612669	Ashberry	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612668	Highball	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612667	Staghorn	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612666	Wigwag	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612665	Flatcar	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612664	Flatcar	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612663	Turntable	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612662	Slover	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612659	Klusman	New	Residential	Home Construction	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612658	Superior	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612657	Martian	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612656	Overall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612655	Overall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612654	Overall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612653	Jacobmoon	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612652	Overall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612651	Pistola	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612650	Overall	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612649	Pistola	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612648	Drift	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612647	Marbuck	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612646	Marbuck	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612645	Brakebill	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612643	Brakebill	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612642	Spadra	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612641	Escalona	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612640	Frisbie	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612639	Nomex	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612637	Ayala	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612636	Kwacha	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612635	Keeline	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612634	Wainwright	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612633	Akita	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612632	Basenji	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612631	Vaca	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612630	Boxcar	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612629	Ridge	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612626	Han Solo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612625	Invention	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612624	Dweezil	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612623	Beone	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612622	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612620	Burton	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612618	Collier	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612617	Lehigh	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612616	Sophie	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612615	Photon	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612614	Corinth	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612613	Photon	New	Residential	Home Construction	Embedded	0.75	0	0	0	10	0	0	0	0	0	0	0

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0	0.0952	0	0	0	0	0	0	0	0	0.0952		0	0	0	0	0	0	0	0	0	0	
0	0	2.26	0	0	0	0	0	0	0	2.26		0	0	0	0	0	0	0	0	0	0	
0	0.562	0	0	0	0	0	0	0	0	0.562		0	0	0	0	0	0	0	0	0	0	
0.48	0	0	0	0	0	0	0	0	0	0.48		0	0	0	0	0	0	0	0	0	0	
1.875	0	0	0	0	0	0	0	0	0	1.875		0	0	0	0	0	0	0	0	0	0	
0	0.655	0	0	0	0	0	0	0	0	0.655		0	0	0	0	0	0	0	0	0	0	
0	0.649	0	0	0	0	0	0	0	0	0.649		0	0	0	0	0	0	0	0	0	0	
0	0.543	0	0	0	0	0	0	0	0	0.543		0	0	0	0	0	0	0	0	0	0	
0	0.169	0	0	0	0	0	0	0	0	0.169		0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.261	0	0	0	0	0	0	0	0	0	0.261		0	0	0	0	0	0	0	0	0	0	
1.3	0	0	0	0	0	0	0	0	0	1.3		0	0	0	0	0	0	0	0	0	0	
0.599	0	0	0	0	0	0	0	0	0	0.599		0	0	0	0	0	0	0	0	0	0	
0.599	0	0	0	0	0	0	0	0	0	0.599		0	0	0	0	0	0	0	0	0	0	
0.596	0	0	0	0	0	0	0	0	0	0.596		0	0	0	0	0	0	0	0	0	0	
0.133	0	0	0	0	0	0	0	0	0	0.133		0	0	0	0	0	0	0	0	0	0	
1.564	0	0	0	0	0	0	0	0	0	1.564		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.675	0	0	0	0	0	0	0	0	0	0.675		0	0	0	0	0	0	0	0	0	0	
0.4	0.225	0	0	0	0	0	0	0	0	0.625		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0	0	2.556	0	0	0	0	0	0	0	2.556		0	0	0	0	0	0	0	0	0	0	
0	0	3.425	4.35	7.275	1.175	0	0	0	0	16.225		0	0	0	0	0	0	0	0	0	0	
0.5	0.5	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0	2	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0	
0.3	0.3	0	0	0	0	0	0	0	0	0.6		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0	0.441	0	0	0	0	0	0	0	0	0.441		0	0	0	0	0	0	0	0	0	0	
0.58	0	0	0	0	0	0	0	0	0	0.58		0	0	0	0	0	0	0	0	0	0	
0.5	1.01	1.01	0	0	0	0	0	0	0	2.52		0	0	0	0	0	0	0	0	0	0	
0.168	0.168	0	0	0	0	0	0	0	0	0.336		0	0	0	0	0	0	0	0	0	0	
0	0.612	0.612	0	0	0	0	0	0	0	1.224		0	0	0	0	0	0	0	0	0	0	
0.48	0.48	0	0	0	0	0	0	0	0	0.96		0	0	0	0	0	0	0	0	0	0	
0	1.7	1.7	1.35	1.35	1.35	1.35	0	0	0	8.8		0	0	0	0	0	0	0	0	0	0	
0	1.029	1.029	1.029	0.735	0	0	0	0	0	3.822		0	0	0	0	0	0	0	0	0	0	
0	0.384	0.384	0	0	0	0	0	0	0	0.768		0	0	0	0	0	0	0	0	0	0	
0	0.69	0.69	0	0	0	0	0	0	0	1.38		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
1.125	0	0	0	0	0	0	0	0	0	1.125		0	0	0	0	0	0	0	0	0	0	
0.74	0.616	0	0	0	0	0	0	0	0	1.356		0	0	0	0	0	0	0	0	0	0	
0	0.6225	0	0	0	0	0	0	0	0	0.6225		0	0	0	0	0	0	0	0	0	0	
0	1.935	0	0	0	0	0	0	0	0	1.935		0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0	0.816	0	0	0	0	0	0	0	0	0.816		0	0	0	0	0	0	0	0	0	0	
0.58	0.58	0.58	0.58	0.58	0	0	0	0	0	2.9		0	0	0	0	0	0	0	0	0	0	
0	1.05	0.524	0.525	0.625	0.291	0	0	0	0	3.015		0	0	0	0	0	0	0	0	0	0	
0.032	0	0	0	0	0	0	0	0	0	0.032		0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0	0	0	0.798	0	0	0	0	0	0	0.798		0	0	0	0	0	0	0	0	0	0	
0	0	0	0.532	0	0	0	0	0	0	0.532		0	0	0	0	0	0	0	0	0	0	
0	0	0	0.346	0	0	0	0	0	0	0.346		0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0	0	0	0.346	0	0	0	0	0	0	0.346		0	0	0	0	0	0	0	0	0	0	
0	0	3.8	0	0	0	6.31	0	0	0	10.11		0	0	0	0	0	0	0	0	0	0	
0	0	0	2.66	0	0	0	0	0	0	2.66		0	0	0	0	0	0	0	0	0	0	
0	0	23	0	0	0	0	0	0	0	23		0	0	0	0	0	0	0	0	0	0	
0	0	2	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
1.1	0	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
0.783	0	0	0	0	0	0	0	0	0	0.783		0	0	0	0	0	0	0	0	0	0	
0.765	0	0	0	0	0	0	0	0	0	0.765		0	0	0	0	0	0	0	0	0	0	
1.272	0	0	0	0	0	0	0	0	0	1.272		0	0	0	0	0	0	0	0	0	0	
0	1.3	0	0	0	0	0	0	0	0	1.3		0	0	0	0	0	0	0	0	0	0	
0.0795	0	0	0	0	0	0	0	0	0	0.0795		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0	
0.452	0	0	0	0	0	0	0	0	0	0.452		0	0	0	0	0	0	0	0	0	0	
2.6	0	0	0	0	0	0	0	0	0	2.6		0	0	0	0	0	0	0	0	0	0	
0.509	0	0	0	0	0	0	0	0	0	0.509		0	0	0	0	0	0	0	0	0	0	
0.486	0	0	0	0	0	0	0	0	0	0.486		0	0	0	0	0	0	0	0	0	0	
0.562	0	0	0	0	0	0	0	0	0	0.562		0	0	0	0	0	0	0	0	0	0	
0	1.883	1.883	1.883	0	0	0	0	0	0	5.649		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0	0	2.709	0	0	0	0	0	0	0	2.709		0	0	0	0	0	0	0	0	0	0	
0	0.63	0	0	0	0	0	0	0	0	0.63		0	0	0	0	0	0	0	0	0	0	
0.519	0	0	0	0	0	0	0	0	0	0.519		0	0	0	0	0	0	0	0	0	0	
2.7	0	0	0	0	0	0	0	0	0	2.7		0	0	0	0	0	0	0	0	0	0	
0.626	0	0	0	0	0	0	0	0	0	0.626		0	0	0	0	0	0	0	0	0	0	
0	0	9.24	0	0	0	0	0	0	0	9.24		0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	0	1.4		0	0	0	0	0	0	0	0	0	0	
0	0	0.952	0.952	0	0	0	0	0	0	1.904		0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0	0.7	0.7	0.7	0	0	0	0	0	0	2.1		0	0	0	0	0	0	0	0	0	0	
0.55	0.55	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
0	0.86	0.86	0.86	0	0	0	0	0	0	2.58		0	0	0	0	0	0	0	0	0	0	
0.3	0.468	0	0	0	0	0	0	0	0	0.768		0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2025-01-01	2025-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2024-01-01	2024-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2023-01-01	
N/A		2022-11-05	2023-01-01	2022-11-05	
N/A		2022-11-05	2025-01-01	2022-11-05	
N/A		2022-11-04	2025-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2023-06-01	
N/A		2022-11-04	2023-01-01	2020-01-01	
N/A		2022-11-04	2024-01-01	2024-06-01	
N/A		2022-11-04	2024-01-01	2023-06-01	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-04	2023-01-01	2023-04-01	
N/A		2022-11-04	2024-01-01	2024-06-01	
N/A		2022-11-04	2023-01-01	2023-04-01	
N/A		2022-11-04	2024-01-01	2024-10-01	
N/A		2022-11-04	2023-01-01	2023-02-01	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-04	2026-01-01	2026-06-30	
N/A		2022-11-04	2026-01-01	2026-06-30	
N/A		2022-11-04	2026-01-01	2026-06-30	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2026-01-01	2026-06-30	
N/A		2022-11-04	2025-01-01	2025-01-01	
N/A		2022-11-04	2026-01-01	2026-06-30	
N/A		2022-11-04	2025-01-01	2025-01-01	
N/A		2022-11-04	2025-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-10-31	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-10-31	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-04	2023-01-01	2022-10-31	
N/A		2022-11-04	2023-01-01	2023-06-01	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2023-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2022-11-04	
N/A		2022-11-04	2024-01-01	2024-01-01	
N/A		2022-11-04	2025-01-01	2025-01-01	
N/A		2022-11-04	2024-01-01	2024-01-01	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-04	2023-01-01	2023-01-01	
N/A		2022-11-03	2023-01-01	2023-01-01	
N/A		2022-11-03	2025-01-01	2025-01-01	
N/A		2022-11-03	2023-01-01	2023-01-01	
N/A		2022-11-03	2025-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2023-05-01	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612612	Meagan	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612611	Westbrook	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612610	Photon	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612609	Photon	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612608	Lockner	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612606	Hewitt	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612606	Kadice	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612605	Farmington	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612603	Kerry	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612602	Kerry	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612601	Babylon	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612600	Tackle	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612598	Gaucho	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612597	Fullback	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612596	Onaga	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612595	Cruz	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612593	Chanslor	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612586	Kratka	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612585	Morongo	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612583	Desert Center	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612582	Hack	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612581	Winters	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612580	Green	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612579	Sunnyvale	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612575	Larrea	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612573	Larrea	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612568	Buck	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612567	Pomall	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612566	Larry	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612564	Desmond	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612563	Atherton	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612561	Hellcat	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612560	Vultee	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612559	Seacliff	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612558	Vallecito	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612557	Han Solo	New	Commercial	Business	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612556	Seacliff	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612555	Katella	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612554	Seacliff	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612553	Seacliff	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612552	Seacliff	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612551	Sheffield	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612550	Carpoil	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612548	Han Solo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612547	Chewbacca	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612544	Taurus	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612542	Centavo	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612541	Serra	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612540	Triunfo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612539	Seaboard	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612537	Freightliner	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612533	Stealth	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612532	Octane	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612531	Everest	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612530	Everest	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612529	Fujiyama	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612528	Phillips	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612527	Starglow	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612526	Metallic	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612525	Chaney	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612524	Hero	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612523	Starglow	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612522	Serpentine	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612521	Starglow	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612520	Hero	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612519	Carbine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612518	Carbine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612517	Soldier	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612516	Hammock	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612515	Carbine	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612514	Deacon	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612513	Metallic	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612512	Serpentine	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612511	Serpentine	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612510	Pinewood	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612509	Serpentine	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612507	Serpentine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612506	Pinewood	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612505	Serpentine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612503	Airport	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612502	Manville	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612501	Elroy	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612500	Harlow	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612499	Artisano	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612498	Petrol	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612497	Diplomat	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612496	Dominguez	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612494	Tolton	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612492	Sparton	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612491	Tube	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612489	Rose	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612488	Cylinder	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612487	Daleside	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
612483	Honeycrisp	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612482	Fairhaven	New	Transportation	LD EV	Incremental	0.75	0	0	0	13	0	0	0	0	0	0	0

PY23 (MVA)												Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	[redacted]	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.35	0	0	0	0	0	0	0	0	0	0.35		0	0	0	0	0	0	0	0	0	0	
0	0.2	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0	0.33	0.33	0	0	0	0	0	0	0	0.66		0	0	0	0	0	0	0	0	0	0	
0	0.8	0.8	0.8	0.8	0	0	0	0	0	3.2		0	0	0	0	0	0	0	0	0	0	
0.5	0.5	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.0109	0	0	0	0	0	0	0	0	0	0.0109		0	0	0	0	0	0	0	0	0	0	
0.0109	0	0	0	0	0	0	0	0	0	0.0109		0	0	0	0	0	0	0	0	0	0	
0	0.798	0.798	0.798	0.798	0.798	0	0	0	0	3.99		0	0	0	0	0	0	0	0	0	0	
0	0	0	0.44	0.44	0.44	0.44	0	0	0	1.76		0	0	0	0	0	0	0	0	0	0	
0	0.471	0.471	0	0	0	0	0	0	0	0.942		0	0	0	0	0	0	0	0	0	0	
0.385	0.385	0	0	0	0	0	0	0	0	0.77		0	0	0	0	0	0	0	0	0	0	
0	0.375	0	0	0	0	0	0	0	0	0.375		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0	0.4	0.38	0	0	0	0	0	0	0	0.78		0	0	0	0	0	0	0	0	0	0	
0.61	0	0	0	0	0	0	0	0	0	0.61		0	0	0	0	0	0	0	0	0	0	
0.24	0	0	0	0	0	0	0	0	0	0.24		0	0	0	0	0	0	0	0	0	0	
3.5	0	0	0	0	0	0	0	0	0	3.5		0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0.12	0	0	0	0	0	0	0	0	0	0.12		0	0	0	0	0	0	0	0	0	0	
0	2.5	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0.2159	0	0	0	0	0	0	0	0	0	0.2159		0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.1628	0	0	0	0	0	0	0	0	0	0.1628		0	0	0	0	0	0	0	0	0	0	
0.153	0	0	0	0	0	0	0	0	0	0.153		0	0	0	0	0	0	0	0	0	0	
0.61	0	0	0	0	0	0	0	0	0	0.61		0	0	0	0	0	0	0	0	0	0	
0.203	0	0	0	0	0	0	0	0	0	0.203		0	0	0	0	0	0	0	0	0	0	
2.25	0	0	0	0	0	0	0	0	0	2.25		0	0	0	0	0	0	0	0	0	0	
0.123	0	0	0	0	0	0	0	0	0	0.123		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0.81	0	0	0	0	0	0	0	0	0	0.81		0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33		0	0	0	0	0	0	0	0	0	0	
0	0	5.5	0	0	0	0	0	0	0	5.5		0	0	0	0	0	0	0	0	0	0	
3.48	0	0	0	0	0	0	0	0	0	3.48		0	0	0	0	0	0	0	0	0	0	
0	2.5	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0	1.5	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
0.113	0	0	0	0	0	0	0	0	0	0.113		0	0	0	0	0	0	0	0	0	0	
1.1	0	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084		0	0	0	0	0	0	0	0	0	0	
1.1	0	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
0.35	0	0	0	0	0	0	0	0	0	0.35		0	0	0	0	0	0	0	0	0	0	
1.225	0	0	0	0	0	0	0	0	0	1.225		0	0	0	0	0	0	0	0	0	0	
1.1	0	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0	1.355	0	0	0	0	0	0	0	0	1.355		0	0	0	0	0	0	0	0	0	0	
0	1.06	0	0	0	0	0	0	0	0	1.06		0	0	0	0	0	0	0	0	0	0	
1.039	0	0	0	0	0	0	0	0	0	1.039		0	0	0	0	0	0	0	0	0	0	
0.926	0	0	0	0	0	0	0	0	0	0.926		0	0	0	0	0	0	0	0	0	0	
0	0	1.35	1.35	0	0	0	0	0	0	2.7		0	0	0	0	0	0	0	0	0	0	
0	2.17	0	0	0	0	0	0	0	0	2.17		0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871		0	0	0	0	0	0	0	0	0	0	
0	0.76	0	0.76	0.38	0	0	0	0	0	1.9		0	0	0	0	0	0	0	0	0	0	
0.52	0.388	0	0	0	0	0	0	0	0	0.908		0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0	0.389	0.389	0.414	0.671	0	0	0	0	0	1.863		0	0	0	0	0	0	0	0	0	0	
0	0	0.817	0.817	0.743	0.9	1.149	1.149	2.297	0	7.872		0	0	0	0	0	0	0	0	0	0	
0	0.933	2.067	0	0	0	0	0	0	0	3		0	0	0	0	0	0	0	0	0	0	
2.01	0.92	0	0	0	0	0	0	0	0	2.93		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
1.4	1	0	0	0	0	0	0	0	0	2.4		0	0	0	0	0	0	0	0	0	0	
0.25	0.75	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0	0.8		0	0	0	0	0	0	0	0	0	0	
0.75	0.25	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0.1	0	0	0	0	0	0	0	0	0	0.1		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0	2.15	0	0	0	0	0	0	0	0	2.15		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
1	0.25	0	0	0	0	0	0	0	0	1.25		0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0	1.05	0	0	0	0	0	0	0	0	1.05		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45		0	0	0	0	0	0	0	0	0	0	
0.5	0.5	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0.55	0.55	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	
0	0	0.045	0.0491	0.103	0	0	0	0	0	0.1971		0	0	0	0	0	0	0	0	0	0	
0	5.182	0	0	0	0	0	0	0	0	5.182		0	0	0	0	0	0	0	0	0	0	
0.9	0	0	0	0	0	0	0	0	0	0.9		0	0	0	0	0	0	0	0	0	0	
0	0.2	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
2.6	0	0	0	0	0	0	0	0	0	2.6		0	0	0	0	0	0	0	0	0	0	
0.625	0	0	0	0	0	0	0	0	0	0.625		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
2.577	0	0	0	0	0	0	0	0	0	2.577		0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0	3.096	0	0	0	0	0	0	0	0	3.096		0	0	0	0	0	0	0	0	0	0	
1.75	0	0	0	0	0	0	0	0	0	1.75		0	0	0	0	0	0	0	0	0	0	
0	5.44	0	0	0	0	0	0	0	0	5.44		0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-11-03	2023-01-01	2023-05-01	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2026-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2023-05-01	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2023-05-01	
N/A		2022-11-03	2023-01-01	2023-04-01	
N/A		2022-11-03	2023-01-01	2023-04-01	
N/A		2022-11-03	2024-01-01	2024-04-01	
N/A		2022-11-03	2023-01-01	2023-01-01	
N/A		2022-11-03	2023-01-01	2023-05-01	
N/A		2022-11-03	2023-01-01	2023-01-01	
N/A		2022-11-03	2023-01-01	2023-04-01	
N/A		2022-11-03	2023-01-01	2023-04-01	
N/A		2022-11-03	2023-01-01	2023-04-23	
N/A		2022-11-03	2023-01-01	2022-03-08	
N/A		2022-11-03	2023-01-01	2022-10-31	
N/A		2022-11-03	2023-01-01	2022-08-30	
N/A		2022-11-03	2023-01-01	2022-06-01	
N/A		2022-11-03	2023-01-01	2022-08-30	
N/A		2022-11-03	2025-01-01	2024-09-01	
N/A		2022-11-03	2023-01-01	2023-09-01	Modified
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2023-01-01	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-06-15	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2022-11-03	
N/A		2022-11-03	2024-01-01	2024-01-01	
N/A		2022-11-03	2024-01-01	2024-01-01	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-03	2023-01-01	2022-11-03	
N/A		2022-11-02	2025-01-01	2025-06-01	
N/A		2022-11-02	2024-01-01	2024-06-01	
N/A		2022-11-02	2023-01-01	2023-01-01	
N/A		2022-11-02	2024-01-01	2024-01-01	
N/A		2022-11-02	2023-01-01	2023-01-01	
N/A		2022-11-02	2024-01-01	2023-10-31	
N/A		2022-11-02	2024-01-01	2024-06-01	
N/A		2022-11-02	2025-01-01	2025-06-01	
N/A		2022-11-02	2024-01-01	2023-09-01	
N/A		2022-11-02	2023-01-01	2023-01-01	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-12-31	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2024-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2024-01-01	2022-12-31	
N/A		2022-11-02	2024-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2025-01-01	2025-01-01	
N/A		2022-11-02	2024-01-01	2022-04-22	
N/A		2022-11-02	2023-01-01	2023-04-01	
N/A		2022-11-02	2024-01-01	2022-06-01	
N/A		2022-11-02	2023-01-01	2023-08-01	
N/A		2022-11-02	2023-01-01	2023-05-30	
N/A		2022-11-02	2023-01-01	2022-12-31	
N/A		2022-11-02	2023-01-01	2022-12-31	
N/A		2022-11-02	2024-01-01	2023-06-01	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2022-11-02	
N/A		2022-11-02	2024-01-01	2022-11-02	
N/A		2022-11-02	2023-01-01	2023-02-28	
N/A		2022-11-02	2024-01-01	2024-01-01	
N/A		2022-11-01	2023-01-01	2024-01-01	
N/A		2022-11-01	2024-01-01	2024-04-10	Modified

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612481	Skinkle	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612480	Cotton	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612479	Budd	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612478	Thermador	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612477	Whey	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612475	Whey	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612474	Strathern	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612468	Raven	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612466	Borba	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612465	Tupelo	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612464	Giants	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612462	Clay	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612461	Parcells	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612460	Kadota	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612458	Jessie	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612457	Computer	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612456	Bungalow	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612455	Bungalow	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612454	Interstate	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612453	Interstate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612452	Interstate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612451	Interstate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612450	Albacore	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612449	Chippewa	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612448	Cuba	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612447	Republic	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612446	Ecuador	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612445	Skylab	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612444	Bernice	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612443	Globe Mills	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612442	Hopi	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612439	Mendoza	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612438	Beezwax	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612437	Cyanide	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612436	Crevolin	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612435	Trident	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612434	Barbossa	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612433	Barbossa	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612432	Goldbuckle	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612431	Tommy	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612430	Dunkirk	New	Industrial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612429	Scrabble	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612428	Conine	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612428	Conine (Added)	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612427	Handcar	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612426	Pathe	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612425	Greta	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612424	Amtrak	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612423	Beezwax	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612422	Peso	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612421	Patio	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612420	Raybestos	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612419	Stella	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612418	Patio	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612415	Bonview	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612414	Lynx	New	Residential	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612413	Dessau	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612412	Whey	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612411	Whey	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612410	Whey	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612409	Hopi	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612408	Cameo	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612407	Bernice	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612406	Cameo	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612405	Claudia	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612403	Yates	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612402	Davie	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612401	Yates	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612400	Marbuck	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612399	Joslyn	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612396	Fernstrom	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612395	Cheetah	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612394	Yahtzee	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612393	Begonia	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612392	Cobalt	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612391	Marriott	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612390	Choctaw	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612389	Carnation	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612388	Cree	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612387	Monson	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612386	Rasmussen	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612385	Oakland	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612384	Oakland	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612382	Spadra	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612381	Clayton	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612379	Gravel	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612378	Shopper	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612377	Shopper	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612375	Mosebrook	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612374	Gardea	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612373	Police	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612373	Police (Added)	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612372	Wonderful	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612371	Tulsa	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612370	Agena	New	Commercial	Other	Embedded	0.75	0	0	0	16	0	0	0	0	0	0	0

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.28	0	0	0	0	0	0	0	0	0	0.28		0	0	0	0	0	0	0	0	0	0	
0.23	0	0	0	0	0	0	0	0	0	0.23		0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2		0	0	0	0	0	0	0	0	0	0	
0	2.969	0	0	0	0	0	0	0	0	2.969		0	0	0	0	0	0	0	0	0	0	
0	0	1.4	1.4	0	0	0	0	0	0	2.8		0	0	0	0	0	0	0	0	0	0	
0	0.45	0.45	0	0	0	0	0	0	0	0.9		0	0	0	0	0	0	0	0	0	0	
0.842	0	0	0	0	0	0	0	0	0	0.842		0	0	0	0	0	0	0	0	0	0	
0.579	0	0	0	0	0	0	0	0	0	0.579		0	0	0	0	0	0	0	0	0	0	
2.5	0	4	0	0	0	0	0	0	0	6.5		0	0	0	0	0	0	0	0	0	0	
0.813	0	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	
0	0.527	0.527	0	0	0	0	0	0	0	1.054		0	0	0	0	0	0	0	0	0	0	
0	0.75	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0	0	0	3.2511	0	0	0	0	0	0	3.2511		0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45		0	0	0	0	0	0	0	0	0	0	
0	0.54	0	0	0	0	0	0	0	0	0.54		0	0	0	0	0	0	0	0	0	0	
0	1.4	0	0	0	0	0	0	0	0	1.4		0	0	0	0	0	0	0	0	0	0	
0	4.55	0	0	0	0	0	0	0	0	4.55		0	0	0	0	0	0	0	0	0	0	
0.26	0	0	0	0	0	0	0	0	0	0.26		0	0	0	0	0	0	0	0	0	0	
0.7	0	0	0	0	0	0	0	0	0	0.7		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
1.25	0	0	0	0	0	0	0	0	0	1.25		0	0	0	0	0	0	0	0	0	0	
0.629	0	0	0	0	0	0	0	0	0	0.629		0	0	0	0	0	0	0	0	0	0	
4.9757	0	0	0	0	0	0	0	0	0	4.9757		0	0	0	0	0	0	0	0	0	0	
0.315	0	0	0	0	0	0	0	0	0	0.315		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0	0	2.25	0	0	0	0	0	0	0	2.25		0	0	0	0	0	0	0	0	0	0	
1.666	0.834	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0	0	8.08	0	0	0	0	0	0	0	8.08		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
0	0.5654	0	0	0	0	0	0	0	0	0.5654		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0	
1.55	0	0	0	0	0	0	0	0	0	1.55		0	0	0	0	0	0	0	0	0	0	
0	0.8504	0	0	0	0	0	0	0	0	0.8504		0	0	0	0	0	0	0	0	0	0	
0	0.85	0	0	0	0	0	0	0	0	0.85		0	0	0	0	0	0	0	0	0	0	
1.9	0	0	0	0	0	0	0	0	0	1.9		0	0	0	0	0	0	0	0	0	0	
0.9	0	0	0	0	0	0	0	0	0	0.9		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
2.2	0	0	0	0	0	0	0	0	0	2.2		0	0	0	0	0	0	0	0	0	0	
5.23	0	0	0	0	0	0	0	0	0	5.23		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0.498	0	0	0	0	0	0	0	0	0	0.498		0	0	0	0	0	0	0	0	0	0	
0.843	0	0	0	0	0	0	0	0	0	0.843		0	0	0	0	0	0	0	0	0	0	
0.525	0	0	0	0	0	0	0	0	0	0.525		0	0	0	0	0	0	0	0	0	0	
1.225	0	0	0	0	0	0	0	0	0	1.225		0	0	0	0	0	0	0	0	0	0	
1.65	0	0	0	0	0	0	0	0	0	1.65		0	0	0	0	0	0	0	0	0	0	
0.316	0	0	0	0	0	0	0	0	0	0.316		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0.45	0	0.45		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1.3	0	0	0	0	0	1.3		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0.45	0	0	0	0	0	0.45		0	0	0	0	0	0	0	0	0	0	
1.7	0	0	0	0	0	0	0	0	0	1.7		0	0	0	0	0	0	0	0	0	0	
0.222	0	0	0	0	0	0	0	0	0	0.222		0	0	0	0	0	0	0	0	0	0	
1.2	0	0	0	0	0	0	0	0	0	1.2		0	0	0	0	0	0	0	0	0	0	
2.487	0	0	0	0	0	0	0	0	0	2.487		0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33		0	0	0	0	0	0	0	0	0	0	
0	0.384	0	0	0	0	0	0	0	0	0.384		0	0	0	0	0	0	0	0	0	0	
2.681	0	0	0	0	0	0	0	0	0	2.681		0	0	0	0	0	0	0	0	0	0	
1.325	0	0	0	0	0	0	0	0	0	1.325		0	0	0	0	0	0	0	0	0	0	
3.28	0	0	0	0	0	0	0	0	0	3.28		0	0	0	0	0	0	0	0	0	0	
0.715	0	0	0	0	0	0	0	0	0	0.715		0	0	0	0	0	0	0	0	0	0	
2.6	0	0	0	0	0	0	0	0	0	2.6		0	0	0	0	0	0	0	0	0	0	
0.411	0	0	0	0	0	0	0	0	0	0.411		0	0	0	0	0	0	0	0	0	0	
1.6	0	0	0	0	0	0	0	0	0	1.6		0	0	0	0	0	0	0	0	0	0	
2.624	0	0	0	0	0	0	0	0	0	2.624		0	0	0	0	0	0	0	0	0	0	
0.602	0	0	0	0	0	0	0	0	0	0.602		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
2.95	0	0	0	0	0	0	0	0	0	2.95		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	2	2.88	0	0	0	0	4.88		0	0	0	0	0	0	0	0	0	0	
0	0	0	2	1.78	0	0	0	0	0	3.78		0	0	0	0	0	0	0	0	0	0	
0	2	2.41	0	0	0	0	0	0	0	4.41		0	0	0	0	0	0	0	0	0	0	
0	1	0.555	0	0	0	0	0	0	0	1.555		0	0	0	0	0	0	0	0	0	0	
0.427	0	0	0	0	0	0	0	0	0	0.427		0	0	0	0	0	0	0	0	0	0	
1.512	0	0	0	0	0	0	0	0	0	1.512		0	0	0	0	0	0	0	0	0	0	
0.27	0	0	0	0	0	0	0	0	0	0.27		0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
1.05	0	0	0	0	0	0	0	0	0	1.05		0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084		0	0	0	0	0	0	0	0	0	0	
0	1.451	0	0	0	0	0	0	0	0	1.451		0	0	0	0	0	0	0	0	0	0	
0.405	0	0	0	0	0	0	0	0	0	0.405		0	0	0	0	0	0	0	0	0	0	
0	0.405	0	0	0	0	0	0	0	0	0.405		0	0	0	0	0	0	0	0	0	0	
0.55	0.6	0	0	0	0	0	0	0	0	1.15		0	0	0	0	0	0	0	0	0	0	
0.515	0	0	0	0	0	0	0	0	0	0.515		0	0	0	0	0	0	0	0	0	0	
0	0	8	0	0	0	0	0	0	0	8		0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-11-01	2023-01-01	2023-01-01	
N/A		2022-11-01	2023-01-01	2023-01-01	
N/A		2022-11-01	2023-01-01	2023-01-01	
N/A		2022-11-01	2024-01-01	2022-11-01	
N/A		2022-11-01	2025-01-01	2025-06-01	
N/A		2022-11-01	2024-01-01	2024-06-01	
N/A		2022-11-01	2023-01-01	2023-07-01	
N/A		2022-11-01	2023-01-01	2022-11-01	
N/A		2022-11-01	2023-01-01	2022-12-31	
N/A		2022-11-01	2023-01-01	2023-04-01	
N/A		2022-11-01	2023-01-01	2022-11-01	
N/A		2022-11-01	2024-01-01	2022-11-01	
N/A		2022-11-01	2024-01-01	2024-03-01	
N/A		2022-11-01	2026-01-01	2024-04-01	Modified
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2024-01-01	2023-11-01	
N/A		2022-10-31	2024-01-01	2024-01-31	
N/A		2022-10-31	2024-01-01	2023-11-01	
N/A		2022-10-31	2023-01-01	2023-04-01	
N/A		2022-10-31	2023-01-01	2023-04-01	
N/A		2022-10-31	2023-01-01	2023-04-01	
N/A		2022-10-31	2023-01-01	2023-04-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-07-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2025-01-01	2025-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2025-01-01	2025-03-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2024-01-01	2024-04-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2023-01-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2024-01-01	2024-01-01	
N/A		2022-10-31	2024-01-01	2024-01-01	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2024-08-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-01-01	
N/A		2022-10-31	2023-01-01	2023-01-01	
N/A		2022-10-31	2023-01-01	2022-10-12	
N/A		2022-10-31	2023-01-01	2022-09-28	
N/A		2022-10-31	2023-01-01	2022-10-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-06-25	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-08-01	
N/A		2022-10-31	2031-01-01	2032-06-01	
N/A		2022-10-31	2027-01-01	2027-06-01	
N/A		2022-10-31	2027-01-01	2027-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-12-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-12-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2024-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2023-06-01	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-31	2023-01-01	2022-10-31	
N/A		2022-10-28	2027-01-01	2027-03-13	
N/A		2022-10-28	2026-01-01	2025-09-01	
N/A		2022-10-28	2024-01-01	2024-03-14	
N/A		2022-10-28	2024-01-01	2024-02-01	
N/A		2022-10-28	2023-01-01	2023-04-01	
N/A		2022-10-28	2023-01-01	2023-06-01	
N/A		2022-10-28	2023-01-01	2023-06-01	
N/A		2022-10-28	2024-01-01	2023-10-16	
N/A		2022-10-28	2024-01-01	2024-03-12	
N/A		2022-10-28	2023-01-01	2023-06-18	
N/A		2022-10-28	2023-01-01	2024-04-08	
N/A		2022-10-28	2024-01-01	2023-09-15	
N/A		2022-10-27	2023-01-01	2023-02-28	
N/A		2022-10-27	2024-01-01	2023-02-28	
N/A		2022-10-27	2023-01-01	2023-07-01	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2025-01-01	2022-10-27	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612369	Kadota	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612368	Summerhill	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612367	Sherbourne	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612366	Kay	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612365	Nimitz	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612364	Nimitz	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612363	Telstar	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612362	Soledad	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612361	Mercedes	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612360	Parrot	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612359	Klingon	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612358	Score	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612357	Chia	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612356	Avco	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612355	Scrabble	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612354	Scrabble	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612353	Scrabble	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612352	Titus	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612350	Butternut	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612347	Hancock	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612346	Albatross	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612345	Debug	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612344	Dodge	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612343	Canning	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612342	Kinmont	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612341	Holmes	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612340	Marshall	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612339	Formosa	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612338	Hollywood	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612337	Dredge	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612336	Scrabble	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612335	Spadra	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612333	Temeck	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612332	Cariso	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612331	Gridiron	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612330	Durango	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612329	Mescal	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612328	Matterhorn	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612327	Toronto	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612326	Rose	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612325	Montana	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612324	Motz	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612323	Flask	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612322	Motz	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612321	Twining	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612320	Wayside	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612319	Penrose	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612318	Tichenor	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612317	Lantana	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612316	Jackson	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612315	Auburn	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612314	Sparton	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612313	Jackson	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612312	Torson	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612311	Atlantic	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612310	Trochu	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612309	Flotilla	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612308	Jackson	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612307	Auburn	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612306	M.G.M.	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612305	Hallmark	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612304	M.G.M.	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612303	Saybrook	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612302	Saybrook	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612301	Bacardi	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612300	Mar Vista	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612299	Delaware	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612298	Concourse	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612297	Smith	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612296	Playboy	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612295	Melrose	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612294	Albany	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612293	Executive	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612292	Warman	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612291	Dickerson	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612290	Albany	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612289	Warman	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612288	Albany	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612287	Theater	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612286	Apex	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612285	Apex	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612284	Leota	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612283	Creamery	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612282	Cyanide	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612281	Purex	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612280	Creamery	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612279	Silverside	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612278	Wilcox	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612277	Barracks	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612275	Barracks	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612273	Inn	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612272	Walter	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612270	Norton	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612269	Papoose	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612268	Redskin	New	Residential	Home Construction	Embedded	0.75	0	0	0	19	0	0	0	0	0	0	0

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	1.5	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0.99	0	0	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0	0	0	0	
0.705	0	0	0	0	0	0	0	0	0	0.705	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	0	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0	1.192	0	0	0	0	0	0	0	0	1.192	0	0	0	0	0	0	0	0	0	0	
3.1626	0	0	0	0	0	0	0	0	0	3.1626	0	0	0	0	0	0	0	0	0	0	
0	2.43	0	0	0	0	0	0	0	0	2.43	0	0	0	0	0	0	0	0	0	0	
0.255	0	0	0	0	0	0	0	0	0	0.255	0	0	0	0	0	0	0	0	0	0	
0.959	0	0	0	0	0	0	0	0	0	0.959	0	0	0	0	0	0	0	0	0	0	
2.182	0	0	0	0	0	0	0	0	0	2.182	0	0	0	0	0	0	0	0	0	0	
0.51	0	0	0	0	0	0	0	0	0	0.51	0	0	0	0	0	0	0	0	0	0	
7.65	0	0	0	0	0	0	0	0	0	7.65	0	0	0	0	0	0	0	0	0	0	
0	1.54	0	0	0	0	0	0	0	0	1.54	0	0	0	0	0	0	0	0	0	0	
2.3	0	0	0	0	0	0	0	0	0	2.3	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
2.202	0	0	0	0	0	0	0	0	0	2.202	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
0	0.696	0	0	0	0	0	0	0	0	0.696	0	0	0	0	0	0	0	0	0	0	
0	0	1.413	0	0	0	0	0	0	0	1.413	0	0	0	0	0	0	0	0	0	0	
0	2.649	0	0	0	0	0	0	0	0	2.649	0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	
0.592	0	0	0	0	0	0	0	0	0	0.592	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
0	0	0	2.19	0	0	0	0	0	0	2.19	0	0	0	0	0	0	0	0	0	0	
0	0.45	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	
0	0.49	0	0	0	0	0	0	0	0	0.49	0	0	0	0	0	0	0	0	0	0	
4.36	0	0	0	0	0	0	0	0	0	4.36	0	0	0	0	0	0	0	0	0	0	
0.42	0	0	0	0	0	0	0	0	0	0.42	0	0	0	0	0	0	0	0	0	0	
0.9	0	0	0	0	0	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	0	0	0	0	0	0	0	0	0	0	
0	0.542	0	0	0	0	0	0	0	0	0.542	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	0	0	0	0	0	0	0	0	0	0	
0.5	0	-0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.221	1.006	0.785	0	0	0	0	0	0	0	2.012	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	1.083	1.083	1.083	1.083	0	4.332	0	0	0	0	0	0	0	0	0	0	
0.282	0	0	0	0	0	0	0	0	0	0.282	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0	1.63	0	0	0	0	0	0	0	0	1.63	0	0	0	0	0	0	0	0	0	0	
0.414	0	0	0	0	0	0	0	0	0	0.414	0	0	0	0	0	0	0	0	0	0	
0	0.778	0	0	0	0	0	0	0	0	0.778	0	0	0	0	0	0	0	0	0	0	
0	0.606	0	0	0	0	0	0	0	0	0.606	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
1.62	0	0	0	0	0	0	0	0	0	1.62	0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	
0	0	3.8	0	0	0	0	0	0	0	3.8	0	0	0	0	0	0	0	0	0	0	
0	0	2.7	0	0	0	0	0	0	0	2.7	0	0	0	0	0	0	0	0	0	0	
5.25	0	0	0	0	0	0	0	0	0	5.25	0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0	0.8	0	0	0	0	0	0	0	0	0	0	
3.25	0	0	0	0	0	0	0	0	0	3.25	0	0	0	0	0	0	0	0	0	0	
0	0.3	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	
0.525	0	0	0	0	0	0	0	0	0	0.525	0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
1	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	2.577	0	0	0	0	0	0	0	0	2.577	0	0	0	0	0	0	0	0	0	0	
0.992	0	0	0	0	0	0	0	0	0	0.992	0	0	0	0	0	0	0	0	0	0	
0	0.3	0.33	0	0	0	0	0	0	0	0.63	0	0	0	0	0	0	0	0	0	0	
0.5	0	-0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	3.077	0	0	0	0	0	0	0	0	3.077	0	0	0	0	0	0	0	0	0	0	
0	1.55	0	0	0	0	0	0	0	0	1.55	0	0	0	0	0	0	0	0	0	0	
0.512	0	0	0	0	0	0	0	0	0	0.512	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
0	3	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	
0	0.354	0	0	0	0	0	0	0	0	0.354	0	0	0	0	0	0	0	0	0	0	
0.525	0	0	0	0	0	0	0	0	0	0.525	0	0	0	0	0	0	0	0	0	0	
2.23	0	0	0	0	0	0	0	0	0	2.23	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0	0.75	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
3.25	0	0	0	0	0	0	0	0	0	3.25	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0	8.127	0	0	0	0	0	0	0	0	8.127	0	0	0	0	0	0	0	0	0	0	
0.72	0	0	0	0	0	0	0	0	0	0.72	0	0	0	0	0	0	0	0	0	0	
0	2.8	0	0	0	0	0	0	0	0	2.8	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0	0	0	0	0	0	0	
0	0.305	0	0	0	0	0	0	0	0	0.305	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-10-27	2024-01-01	2024-06-01	
N/A		2022-10-27	2024-01-01	2023-10-01	
N/A		2022-10-27	2023-01-01	2023-05-31	
N/A		2022-10-27	2024-01-01	2023-12-30	
N/A		2022-10-27	2025-01-01	2024-09-30	
N/A		2022-10-27	2024-01-01	2023-11-30	
N/A		2022-10-27	2023-01-01	2023-10-30	
N/A		2022-10-27	2024-01-01	2023-07-01	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-01-01	
N/A		2022-10-27	2024-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-27	2023-01-01	2022-11-01	
N/A		2022-10-27	2023-01-01	2022-10-27	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2024-01-01	2023-11-15	
N/A		2022-10-26	2025-01-01	2024-12-01	
N/A		2022-10-26	2024-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2026-01-01	2026-06-01	
N/A		2022-10-26	2024-01-01	2024-03-01	
N/A		2022-10-26	2024-01-01	2024-03-01	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2023-06-01	
N/A		2022-10-26	2024-01-01	2022-10-26	
N/A		2022-10-26	2024-01-01	2022-10-26	
N/A		2022-10-26	2024-01-01	2022-10-26	
N/A		2022-10-26	2023-01-01	2023-06-01	
N/A		2022-10-26	2023-01-01	2022-12-31	
N/A		2022-10-26	2028-01-01	2028-06-01	
N/A		2022-10-26	2023-01-01	2022-12-01	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2025-01-01	2025-03-01	
N/A		2022-10-25	2025-01-01	2024-12-31	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2023-09-30	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2023-04-30	
N/A		2022-10-25	2023-01-01	2023-04-01	
N/A		2022-10-25	2025-01-01	2025-07-01	
N/A		2022-10-25	2023-01-01	2023-06-01	
N/A		2022-10-25	2023-01-01	2023-07-01	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2023-06-01	
N/A		2022-10-25	2023-01-01	2023-04-30	
N/A		2022-10-25	2024-01-01	2023-12-01	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2023-06-01	
N/A		2022-10-25	2024-01-01	2024-03-01	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2023-12-31	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2026-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2024-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2022-10-25	
N/A		2022-10-25	2023-01-01	2023-06-30	
N/A		2022-10-25	2023-01-01	2023-06-30	
N/A		2022-10-25	2024-01-01	2024-01-01	
N/A		2022-10-24	2023-01-01	2022-10-24	
N/A		2022-10-24	2024-01-01	2022-10-24	
N/A		2022-10-24	2023-01-01	2022-10-24	
N/A		2022-10-24	2024-01-01	2022-10-24	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612267	Alburtis	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612267	Alburtis (Added)	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612266	Alburtis	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612265	Alburtis	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612264	Luxor	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612263	Laredo	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612260	Alameda	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612259	Tiger	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612258	Buffalo	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612256	Flores	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612254	Rough	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612253	Swiss	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612252	Creekside	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612251	Rasmussen	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612250	Cuba	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612249	Roma	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612246	Apache	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612245	Metallic	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612245	Owens	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612244	El Toro	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612243	Futuro	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612242	Fizz	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612241	Terrier	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612240	Rambler	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612239	Yuma	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612238	Klingon	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612235	Steelman	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612234	Bishop	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612232	Skylab	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612230	Metallic	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612229	Metallic	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612228	Metallic	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612227	Metallic	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612226	Metallic	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612225	Metallic	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612224	Kropp	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612223	Metallic	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612222	Metallic	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612221	Metallic	New	Industrial	Facilities	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612220	Conning	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612219	Rowco	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612218	Glover	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612217	Mercado	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612216	Barbados	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612215	Harlem Springs	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612214	Kranzer	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612213	Yarborough	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612212	Foothill	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612211	Gambler	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612210	Zasadni	New	Residential	Home Construction	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612209	Turnout	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612208	Floodgate	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612207	Hatchery	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612206	Cummins	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612205	Serpentine	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612205	Serpentine (Added)	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612204	La Paz	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612203	Pahute	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612202	Waterway	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612201	Farmington	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612200	Sauza	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612199	Gurney	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612198	Cal Poly	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612197	Cheese	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612196	Colyer	Ongoing	Transportation	MD/HD EV	Incremental	1	0	2	2.8	0	0	0	0	0	0	0	4.8
612196	Atlantic	Ongoing	Transportation	MD/HD EV	Incremental	1	0	1.9	2.9	0	0	0	0	0	0	0	4.8
612194	Redbanks	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612191	Elk	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612190	Glover	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612189	Madison	New	Transportation	LD EV	Incremental	0.5	0	0	0	0	0	0	0	0	0	0	0
612188	Whitehorse	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612187	Brackett	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612186	Corinth	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612185	Garboni	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612184	Lettuce	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612183	Moonwalk	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612181	Heftler	Ongoing	Industrial	Facilities	Embedded	1	0	0	0.86	0	0	0	0	0	0	0	0.86
612180	Heftler	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612179	Waukena	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612178	Neighbors	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612176	Brutte	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612175	Pitzer	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612174	Shangrila	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612173	Tradewind	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612172	Robbie	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612171	Feller	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612170	Burrito	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612169	Valente	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612168	Clancy	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612166	Pencil	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612165	Dearborn	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612164	Squadron	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612163	Marauder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612162	Sportsman	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612161	Bobsled	New	Commercial	Business	Embedded	0.75	0	0	0	22	0	0	0	0	0	0	0

PY23 (MVA)												Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	[redacted]	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	[redacted]	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0.33	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.35	0	0	0	0	0	0	0	0	0.35	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.08	0	0	0	0	0	0	0	0	1.08	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.7	0	0	0	0	0	0	0	0	0	0.7	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.5	0	0	0	0	0	0	1.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.08	0	0	0	0	0	0	0	0	1.08	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.7	0	0	0	0	0	0	0	0	0	2.7	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.84	0	0	0	0	0	0	0	0	0	0.84	[redacted]	0	0	0	0	0	0	0	0	0	0	
3.78	0	0	0	0	0	0	0	0	0	3.78	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.883	1.022	0.569	0.569	0.956	0.956	0.956	0.956	1.913	0	8.78	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0.843	0.843	1.243	0.843	1.686	0	5.458	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1	0.41	0	0	0	0	0	0	0	1.41	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.178	0	0	0	0	0	0	0	0	0	2.178	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.05	0	0	0	0	0	0	0	0	0	1.05	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.125	0	0	0	0	0	0	0	0	0	1.125	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.588	0	0	0	0	0	0	0	0	0	0.588	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.712	0.712	0	0	0	0	0	0	0	0	1.424	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	1.625	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.195	0	0	0	0	0	0	0	0	0	0.195	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.676	0	0	0	0	0	0	0	0	0	2.676	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.218	0	0	0	0	0	0	0	0	0	0.218	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.085	0	0	0	0	0	0	0	0	0	0.085	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.128	0	0	0	0	0	0	0	0	0	0.128	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.18	0	0	0	0	0	0	0	0	0.18	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0.35	0	0	0	0	0	0	0	0.35	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	2.9	0	0	0	0	0	0	0	0	2.9	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.237	0	0	0	0	0	0	0	0	0.237	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.216	0	0	0	0	0	0	0	0	0	0.216	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.84	0	0	0	0	0	0	0	0	0	0.84	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.4185	0	0	0	0	0	0	0	0	0	0.4185	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.243	0	0	0	0	0	0	0	0	0	0.243	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.813	0	0	0	0	0	0	0	0	0	0.813	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.105	0	0	0	0	0	0	0	0	0	0.105	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.23	0	0	0	0	0	0	0	0	0.23	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.835	0	0	0	0	0	0	0	0	0	0.835	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.552	0	0	0	0	0	0	0	0	0	1.552	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.25	0	0	0	0	0	0	0	0	0	2.25	[redacted]	0	0	0	0	0	0	0	0	0	0	
3.975	0	0	0	0	0	0	0	0	0	3.975	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.152	0	0	0	0	0	0	0	0	0	1.152	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.288	0	0	0	0	0	0	0	0	0	0.288	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.593	0	0	0	0	0	0	0	0	0	1.593	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	2.167	0	0	0	0	0	0	0	0	2.167	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.475	0	0	0	0	0	0	0	0	0	0.475	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.355	0	0	0	0	0	0	0	0	1.355	[redacted]	0	0	0	0	0	0	0	0	0	0	
1	0.55	0	0	0	0	0	0	0	0	1.55	[redacted]	0	0	0	0	0	0	0	0	0	0	
2	0	2.6	0	0	0	0	0	0	0	4.6	[redacted]	0	-2.8	2.6	0	0	0	0	0	0	-0.2	-4.17%
1.8	3.2	0	0	0	0	0	0	0	0	5	[redacted]	-0.1	0.3	0	0	0	0	0	0	0	0.2	4.17%
1	0.6	0	0	0	0	0	0	0	0	1.6	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.184	0	0	0	0	0	0	0	0	0	0.184	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.216	0	0	0	0	0	0	0	0	0	0.216	[redacted]	0	0	0	0	0	0	0	0	0	0	
5.25	0	0	0	0	0	0	0	0	0	5.25	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.355	0	0	0	0	0	0	0	0	0	1.355	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.96	0	0	0	0	0	0	0	0	0	0.96	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.05	0	0	0	0	0	0	0	0	0	1.05	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.4111	0	0	0	0	0	0	0	0	0.4111	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.813	0	0	0	0	0	0	0	0	0	0.813	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.952	0	0	0	0	0	0	0	0	0.952	[redacted]	0	0.092	0	0	0	0	0	0	0	0.092	10.70%
0	1.533	0	0	0	0	0	0	0	0	1.533	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.229	0	0	0	0	0	0	0	0	0	0.229	[redacted]	0	0	0	0	0	0	0	0	0	0	
5.5	0	0	0	0	0	0	0	0	0	5.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	4.334	0	0	0	0	0	0	0	0	4.334	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.458	0	0	0	0	0	0	0	0	0	1.458	[redacted]	0	0	0	0	0	0	0	0	0	0	
6.6	0	0	0	0	0	0	0	0	0	6.6	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	1.558	0	0	0	0	0	0	0	1.558	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.96	0	0	0	0	0	0	0	0	0	0.96	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.654	0	0	0	0	0	0	0	0	0	0.654	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	4.1	2.9	0	0	0	0	0	0	0	7	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.162	0	0	0	0	0	0	0	0	0	0.162	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.5491	0	0	0	0	0	0	0	0	0	0.5491	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.3452	0	0	0	0	0	0	0	0	0	0.3452	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.5	0.459	0	0	0	0	0	0	0	0.959	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.254	0	0	0	0	0	0	0	0	0	0.254	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.378	2.33	1.774	0.198	1.466	0.74	0	0.946	0	8.832	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	3.5	0	0	0	0	0	0	0	0	3.5	[redacted]	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-10-24	2024-01-01	2022-10-24	
N/A		2022-10-24	2024-01-01	2022-10-24	
N/A		2022-10-24	2024-01-01	2022-10-24	
N/A		2022-10-24	2023-01-01	2022-10-24	
N/A		2022-10-24	2026-01-01	2022-10-24	
N/A		2022-10-24	2026-01-01	2022-10-24	
N/A		2022-10-24	2026-01-01	2022-10-24	
N/A		2022-10-24	2024-01-01	2022-10-24	
N/A		2022-10-24	2023-01-01	2022-10-24	
N/A		2022-10-24	2023-01-01	2023-05-05	
N/A		2022-10-24	2023-01-01	2023-07-01	
N/A		2022-10-24	2023-01-01	2022-12-31	
N/A		2022-10-24	2027-01-01	2027-06-01	
N/A		2022-10-22	2024-01-01	2024-04-01	
N/A		2022-10-21	2023-01-01	2023-04-01	
N/A		2022-10-21	2023-01-01	2023-06-18	
N/A		2022-10-21	2024-01-01	2024-01-01	
N/A		2022-10-20	2023-01-01	2022-12-31	
N/A		2022-10-20	2023-01-01	2022-12-31	Changed circuit
N/A		2022-10-20	2023-01-01	2023-01-01	
N/A		2022-10-20	2023-01-01	2023-01-01	
N/A		2022-10-20	2023-01-01	2023-03-31	
N/A		2022-10-20	2023-01-01	2023-02-01	
N/A		2022-10-20	2023-01-01	2023-02-01	
N/A		2022-10-20	2023-01-01	2022-12-31	
N/A		2022-10-20	2023-01-01	2023-03-24	
N/A		2022-10-18	2023-01-01	2024-10-01	
N/A		2022-10-18	2023-01-01	2022-12-31	
N/A		2022-10-18	2023-01-01	2022-11-30	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2023-01-01	2022-12-31	
N/A		2022-10-14	2024-01-01	2022-06-01	
N/A		2022-10-13	2023-01-01	2022-06-01	
N/A		2022-10-13	2023-01-01	2022-09-01	
N/A		2022-10-13	2025-01-01	2023-06-01	
N/A		2022-10-13	2024-01-01	2023-12-31	
N/A		2022-10-13	2024-01-01	2023-06-01	
N/A		2022-10-13	2023-01-01	2022-12-31	
N/A		2022-10-03	2023-01-01	2022-09-13	
N/A		2022-09-30	2023-01-01	2022-08-30	
N/A		2022-09-28	2023-01-01	2023-06-10	
N/A		2022-09-28	2023-01-01	2023-03-31	
N/A		2022-09-28	2023-01-01	2023-04-01	
N/A		2022-09-28	2024-01-01	2024-06-01	
N/A		2022-09-26	2023-01-01	2023-01-01	
N/A		2022-09-26	2024-01-01	2024-01-01	
N/A		2022-09-26	2023-01-01	2023-01-01	
N/A		2022-09-26	2023-01-01	2023-01-01	
N/A		2022-09-26	2023-01-01	2023-01-01	
N/A		2022-09-26	2023-01-01	2023-01-01	
N/A		2022-09-22	2023-01-01	2022-09-22	
N/A		2022-09-22	2023-01-01	2022-09-22	
N/A		2022-09-22	2023-01-01	2023-01-01	
N/A		2022-09-22	2023-01-01	2023-01-01	
N/A		2022-09-19	2023-01-01	2022-09-19	
N/A		2022-09-15	2024-01-01	2022-09-15	
N/A		2022-09-14	2024-01-01	2023-06-01	
N/A		2022-09-13	2023-01-01	2022-10-30	
N/A		2022-09-12	2024-01-01	2023-10-01	
N/A		2022-09-12	2023-01-01	2022-12-31	
Deferred1	2.6	2022-09-12	2023-01-01	2022-09-12	Modified
No		2022-09-12	2023-01-01	2022-09-12	Modified
N/A		2022-09-11	2023-01-01	2023-06-30	
N/A		2022-09-10	2023-01-01	2022-11-30	
N/A		2022-09-10	2023-01-01	2022-11-20	
N/A		2022-09-09	2023-01-01	2023-08-31	
N/A		2022-08-31	2023-01-01	2022-12-31	
N/A		2022-08-29	2023-01-01	2023-04-01	
N/A		2022-08-26	2023-01-01	2022-08-26	
N/A		2022-08-26	2023-01-01	2022-08-26	
N/A		2022-08-25	2024-01-01	2024-05-01	
N/A		2022-08-24	2023-01-01	2022-08-24	
No		2022-08-24	2024-01-01	2023-06-01	
N/A		2022-08-24	2024-01-01	2023-06-01	
N/A		2022-08-19	2023-01-01	2022-12-31	
N/A		2022-08-18	2023-01-01	2023-05-01	
N/A		2022-08-16	2024-01-01	2023-06-06	
N/A		2022-08-15	2024-01-01	2023-10-01	
N/A		2022-08-09	2023-01-01	2023-04-01	
N/A		2022-08-09	2023-01-01	2023-07-01	
N/A		2022-08-08	2025-01-01	2024-10-01	
N/A		2022-08-08	2023-01-01	2023-04-25	
N/A		2022-08-08	2023-01-01	2022-09-01	
N/A		2022-08-07	2024-01-01	2022-08-07	
N/A		2022-08-04	2023-01-01	2022-10-01	
N/A		2022-08-02	2023-01-01	2023-01-16	
N/A		2022-08-02	2023-01-01	2023-04-18	
N/A		2022-08-02	2024-01-01	2023-06-01	
N/A		2022-08-02	2023-01-01	2022-11-30	
N/A		2022-08-01	2024-01-01	2024-01-01	
N/A		2022-08-01	2024-01-01	2024-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612160	Floodgate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612159	Velma	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612158	Collier	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612157	Wells	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612156	Redbanks	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612155	Strosnider	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612153	Inyo Lumber	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612152	Koala	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612151	Russ Boyd	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612148	Weirick	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612147	Rieck	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612146	Elmo	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612145	Jasmine	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612144	Cassini	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612143	Parrot	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612142	Richgrove	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612141	Sierra	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612140	Atlas	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612139	Boothill	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612137	Minotaur	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612136	Aston	New	Commercial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612135	Guasti	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612132	Goldbuckle	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612131	Sago	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
612130	Brackett	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612129	Mears	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612128	East End	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612127	Oakland	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612126	Sequoia	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612123	Meridian	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612119	Nipton	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612118	Mears	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612117	Olympus	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612116	Artisano	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612115	Yoda	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612113	Oak Creek	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612110	Tomahawk	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612108	Candleberry	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612106	Snowden	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612106	Pronghorn	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612105	Eagle	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612104	Linder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612103	Blackgold	New	Industrial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612102	Empresa	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612101	Soldier	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612100	Rutgers	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612099	Parman	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
612098	Nurses	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612097	Brutte	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612096	Graphite	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612095	Slate	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612094	Mescal	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612093	Amazon	New	Industrial	Plants	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612092	Henderson	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612091	Sam	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612090	Story	New	Commercial	Other	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
612089	Marshall	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612088	Marshall	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612087	Velma	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612086	Enloe	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612084	Purex	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612083	Klamath	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612081	Isner	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612080	Fairhaven	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612078	Linder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612074	Teak	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612073	Cadence	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612072	Fernstrom	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612071	Lytle	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612070	Piano	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612069	Davie	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612068	Donald	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612062	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612061	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612060	Linder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612059	Kappa	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612057	Franc	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612056	Glover	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612055	Seville	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612054	Linder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612053	Aspen	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612052	Moonwalk	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612051	Akita	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612050	Stamper	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612048	Redstone	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612046	Artist	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612043	Royal Oaks	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612042	Tagus	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612041	Ben Nevis	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612038	Zane	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612037	Schilling	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612036	Tsunami	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612033	Redbanks	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612030	Hudson	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612029	Brazil	New	Transportation	LD EV	Incremental	1	0	0	0	25	0	0	0	0	0	0	0

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
1.355	0	0	0	0	0	0	0	0	0	1.355		0	0	0	0	0	0	0	0	0	0	
0.96	0	0	0	0	0	0	0	0	0	0.96		0	0	0	0	0	0	0	0	0	0	
0	1	2	2.118	0	0	0	0	0	0	5.118		0	0	0	0	0	0	0	0	0	0	
1	2	2.118	0	0	0	0	0	0	0	5.118		0	0	0	0	0	0	0	0	0	0	
0	0.712	0	0	0	0	0	0	0	0	0.712		0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	1.625		0	0	0	0	0	0	0	0	0	0	
1.2	0	0	0	0	0	0	0	0	0	1.2		0	0	0	0	0	0	0	0	0	0	
2.95	0	0	0	0	0	0	0	0	0	2.95		0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54		0	0	0	0	0	0	0	0	0	0	
0.66	0	0	0	0	0	0	0	0	0	0.66		0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55		0	0	0	0	0	0	0	0	0	0	
0.66	0	0	0	0	0	0	0	0	0	0.66		0	0	0	0	0	0	0	0	0	0	
1.424	0	0	0	0	0	0	0	0	0	1.424		0	0	0	0	0	0	0	0	0	0	
0.9408	0	0	0	0	0	0	0	0	0	0.9408		0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33		0	0	0	0	0	0	0	0	0	0	
0.195	0	0	0	0	0	0	0	0	0	0.195		0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15		0	0	0	0	0	0	0	0	0	0	
0.225	0	0	0	0	0	0	0	0	0	0.225		0	0	0	0	0	0	0	0	0	0	
1.4174	0	0	0	0	0	0	0	0	0	1.4174		0	0	0	0	0	0	0	0	0	0	
0.794	0	0	0	0	0	0	0	0	0	0.794		0	0	0	0	0	0	0	0	0	0	
0	1.355	0	0	0	0	0	0	0	0	1.355		0	0	0	0	0	0	0	0	0	0	
0.802	0	0	0	0	0	0	0	0	0	0.802		0	0	0	0	0	0	0	0	0	0	
0	1.935	0	0	0	0	0	0	0	0	1.935		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
5.182	0	0	0	0	0	0	0	0	0	5.182		0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54		0	0	0	0	0	0	0	0	0	0	
0.268	0	0	0	0	0	0	0	0	0	0.268		0	0	0	0	0	0	0	0	0	0	
0	1.027	0	0	0	0	0	0	0	0	1.027		0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33		0	0	0	0	0	0	0	0	0	0	
0	8.127	0	0	0	0	0	0	0	0	8.127		0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084		0	0	0	0	0	0	0	0	0	0	
0	1.355	0	0	0	0	0	0	0	0	1.355		0	0	0	0	0	0	0	0	0	0	
6.909	0	0	0	0	0	0	0	0	0	6.909		0	0	0	0	0	0	0	0	0	0	
1.534	0	0	0	0	0	0	0	0	0	1.534		0	0	0	0	0	0	0	0	0	0	
2.081	0	0	0	0	0	0	0	0	0	2.081		0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	1.625		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0	1.197	0	6.002	0	0	0	0	0	0	7.199		0	0	0	0	0	0	0	0	0	0	
0	0	2.08	0	0	0	0	0	0	0	2.08		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	
0.146	0	0	0	0	0	0	0	0	0	0.146		0	0	0	0	0	0	0	0	0	0	
4.35	0	0	0	0	0	0	0	0	0	4.35		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0	4.012	0	0	0	0	0	0	0	0	4.012		0	0	0	0	0	0	0	0	0	0	
0.9	0	0	0	0	0	0	0	0	0	0.9		0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0.5907	0	0	0.711	0	0	0	0	0	0	1.3017		0	0	0	0	0	0	0	0	0	0	
0	0.833	3.613	2.78	0	0	0	0	0	0	7.226		0	0	0	0	0	0	0	0	0	0	
0.212	0.636	2.117	0	0	0	0	0	0	0	2.965		0	0	0	0	0	0	0	0	0	0	
4.8675	0	0	0	0	0	0	0	0	0	4.8675		0	0	0	0	0	0	0	0	0	0	
0.56	0	0	0	0	0	0	0	0	0	0.56		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0.0311	0	0	0	0	0	0	0	0	0	0.0311		0	0	0	0	0	0	0	0	0	0	
2.7	0	0	0	0	0	0	0	0	0	2.7		0	0	0	0	0	0	0	0	0	0	
3.06	0	0	0	0	0	0	0	0	0	3.06		0	0	0	0	0	0	0	0	0	0	
1.35	0	0	0	0	0	0	0	0	0	1.35		0	0	0	0	0	0	0	0	0	0	
2.8655	0	0	0	0	0	0	0	0	0	2.8655		0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
0.225	0.225	0.225	0.225	0.225	0	0	0	0	0	1.125		0	0	0	0	0	0	0	0	0	0	
0	8.127	0	0	0	0	0	0	0	0	8.127		0	0	0	0	0	0	0	0	0	0	
0.774	0	0	0	0	0	0	0	0	0	0.774		0	0	0	0	0	0	0	0	0	0	
0.291	0	0	0	0	0	0	0	0	0	0.291		0	0	0	0	0	0	0	0	0	0	
0	0.828	0	0	0	0	0	0	0	0	0.828		0	0	0	0	0	0	0	0	0	0	
0.648	0	0	0	0	0	0	0	0	0	0.648		0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	1.625		0	0	0	0	0	0	0	0	0	0	
1.225	0	0	0	0	0	0	0	0	0	1.225		0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0	8.897	0	0	0	0	0	0	0	0	8.897		0	0	0	0	0	0	0	0	0	0	
0	4.62	0	0	0	0	0	0	0	0	4.62		0	0	0	0	0	0	0	0	0	0	
0.163	0	0	0	0	0	0	0	0	0	0.163		0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0.813	0	0	0	0	0	0	0	0	0	0.813		0	0	0	0	0	0	0	0	0	0	
0.32	0	0	0	0	0	0	0	0	0	0.32		0	0	0	0	0	0	0	0	0	0	
0.576	0	0	0	0	0	0	0	0	0	0.576		0	0	0	0	0	0	0	0	0	0	
0.216	0	0	0	0	0	0	0	0	0	0.216		0	0	0	0	0	0	0	0	0	0	
4.225	0	0	0	0	0	0	0	0	0	4.225		0	0	0	0	0	0	0	0	0	0	
0.863	0	0	0	0	0	0	0	0	0	0.863		0	0	0	0	0	0	0	0	0	0	
1.1337	0	0	0	0	0	0	0	0	0	1.1337		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0	1.742	0	0	0	0	0	0	0	0	1.742		0	0	0	0	0	0	0	0	0	0	
0	0.35	0	0	0	0	0	0	0	0	0.35		0	0	0	0	0	0	0	0	0	0	
0	0.918	0	0	0	0	0	0	0	0	0.918		0	0	0	0	0	0	0	0	0	0	
0	2	1.4	0	0	0	0	0	0	0	3.4		0	0	0	0	0	0	0	0	0	0	
0	1.263	0	0	0	0	0	0	0	0	1.263		0	0	0	0	0	0	0	0	0	0	
0	2.122	0	0	0	0	0	0	0	0	2.122		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0	0.3	0.45	0	0	0	0	0	0	0	0.75		0	0	0	0	0	0	0	0	0	0	
1	0.76	0	0	0	0	0	0	0	0	1.76		0	0	0	0	0	0	0	0	0	0	
2.438	0	0	0	0	0	0	0	0	0	2.438		0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084		0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-08-01	2023-01-01	2023-01-01	
N/A		2022-08-01	2023-01-01	2023-10-01	
N/A		2022-08-01	2023-01-01	2022-08-01	
N/A		2022-08-01	2024-01-01	2024-06-30	
N/A		2022-08-01	2023-01-01	2023-06-01	
N/A		2022-08-01	2024-01-01	2024-01-01	
N/A		2022-08-01	2023-01-01	2023-01-01	
N/A		2022-08-01	2023-01-01	2023-01-01	
N/A		2022-07-29	2023-01-01	2023-01-01	
N/A		2022-07-29	2023-01-01	2022-12-31	
N/A		2022-07-28	2023-01-01	2022-07-28	
N/A		2022-07-27	2023-01-01	2022-07-27	
N/A		2022-07-26	2023-01-01	2022-07-26	
N/A		2022-07-25	2023-01-01	2023-01-01	
N/A		2022-07-25	2023-01-01	2022-10-03	
N/A		2022-07-20	2023-01-01	2022-07-20	
N/A		2022-07-18	2023-01-01	2022-10-01	
N/A		2022-07-15	2023-01-01	2023-01-01	
N/A		2022-07-12	2023-01-01	2023-01-31	
N/A		2022-07-11	2023-01-01	2023-10-01	
N/A		2022-07-11	2023-01-01	2022-12-31	
N/A		2022-07-07	2024-01-01	2023-10-01	
N/A		2022-07-06	2023-01-01	2023-01-17	
N/A		2022-07-06	2024-01-01	2023-10-01	
N/A		2022-07-05	2023-01-01	2023-10-09	
N/A		2022-07-05	2023-01-01	2023-04-01	
N/A		2022-07-05	2023-01-01	2023-03-18	
N/A		2022-07-05	2023-01-01	2022-09-01	
N/A		2022-07-05	2024-01-01	2023-09-01	
N/A		2022-06-30	2023-01-01	2023-03-31	
N/A		2022-06-17	2024-01-01	2024-01-01	
N/A		2022-06-16	2024-01-01	2023-10-01	
N/A		2022-06-16	2024-01-01	2023-06-01	
N/A		2022-06-13	2023-01-01	2023-04-01	
N/A		2022-06-10	2023-01-01	2023-01-01	
N/A		2022-06-10	2023-01-01	2023-01-01	
N/A		2022-06-10	2023-01-01	2023-01-01	
N/A		2022-06-09	2024-01-01	2024-01-01	
N/A		2022-06-09	2024-01-01	2024-01-01	
N/A		2022-06-09	2025-01-01	2025-01-01	
N/A		2022-06-09	2023-01-01	2022-07-01	
N/A		2022-06-08	2023-01-01	2022-09-01	
N/A		2022-06-06	2023-01-01	2022-12-01	
N/A		2022-06-06	2023-01-01	2022-05-23	
N/A		2022-06-03	2024-01-01	2022-06-03	
N/A		2022-06-01	2024-01-01	2022-03-25	
N/A		2022-06-01	2023-01-01	2023-03-31	
N/A		2022-06-01	2023-01-01	2022-12-15	
N/A		2022-06-01	2023-01-01	2022-06-01	
N/A		2022-05-27	2023-01-01	2022-05-12	
N/A		2022-05-26	2024-01-01	2021-09-01	
N/A		2022-05-26	2023-01-01	2023-06-01	
N/A		2022-05-25	2023-01-01	2022-04-30	
N/A		2022-05-25	2023-01-01	2022-05-25	
N/A		2022-05-24	2023-01-01	2023-03-01	
N/A		2022-05-24	2023-01-01	2023-06-01	
N/A		2022-05-19	2023-01-01	2023-04-01	
N/A		2022-05-19	2023-01-01	2023-06-01	
N/A		2022-05-18	2023-01-01	2023-01-01	
N/A		2022-05-17	2023-01-01	2023-11-01	
N/A		2022-05-17	2023-01-01	2022-05-17	
N/A		2022-05-17	2023-01-01	2022-09-30	
N/A		2022-05-16	2024-01-01	2024-05-01	
N/A		2022-05-13	2023-01-01	2023-03-01	
N/A		2022-05-09	2023-01-01	2022-07-01	
N/A		2022-05-05	2024-01-01	2023-11-21	
N/A		2022-05-03	2023-01-01	2022-04-27	
N/A		2022-05-02	2023-01-01	2023-10-01	
N/A		2022-04-29	2023-01-01	2022-09-30	
N/A		2022-04-27	2023-01-01	2022-04-25	
N/A		2022-04-27	2023-01-01	2022-04-27	
N/A		2022-04-27	2024-01-01	2022-04-27	
N/A		2022-04-26	2024-01-01	2024-06-01	
N/A		2022-04-26	2024-01-01	2022-10-01	
N/A		2022-04-25	2023-01-01	2022-07-01	
N/A		2022-04-21	2024-01-01	2023-10-01	
N/A		2022-04-19	2023-01-01	2022-04-13	
N/A		2022-04-13	2023-01-01	2022-12-30	
N/A		2022-04-11	2023-01-01	2022-09-01	
N/A		2022-04-07	2023-01-01	2022-08-01	
N/A		2022-04-04	2023-01-01	2022-11-30	
N/A		2022-04-01	2023-01-01	2022-12-30	
N/A		2022-04-01	2023-01-01	2022-04-01	
N/A		2022-03-30	2023-01-01	2022-03-30	
N/A		2022-03-29	2024-01-01	2024-01-01	
N/A		2022-03-29	2024-01-01	2022-03-16	
N/A		2022-03-28	2024-01-01	2023-10-01	
N/A		2022-03-28	2024-01-01	2024-08-01	
N/A		2022-03-23	2024-01-01	2023-06-01	
N/A		2022-03-17	2024-01-01	2022-03-17	
N/A		2022-03-14	2023-01-01	2021-11-17	
N/A		2022-03-14	2024-01-01	2021-12-17	
N/A		2022-03-14	2023-01-01	2022-06-01	Modified
N/A		2022-03-11	2023-01-01	2023-07-01	
N/A		2022-03-11	2023-01-01	2023-04-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
612028	Yahtzee	New	Industrial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612027	Solitaire	New	Industrial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612020	Sidney	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612019	Bateman	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612017	Verdemont	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
612013	Twin Butte	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612012	Clancy	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612011	Wilbur	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612008	Huevos	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612007	Hart	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
612006	Toblerone	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612005	Foote	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612004	Bird	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612004	Bird (Added)	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612003	Tully	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
612002	Redington	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
612001	Blossom	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
611996	Silicone	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
611994	Stores	New	Transportation	LD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
611993	Fairhaven	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
611991	El Toro	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
611990	Chavez	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
611989	Bug	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
611988	Greer	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
611986	Lemoore	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
611984	Kentucky	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
611983	Doris	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596240	Poodle	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
596238	Asteroid	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596237	Graveyard	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
596235	Dakota	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
596233	Corak	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596231	Gee Bee	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
596229	Miguel	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596226	Montara	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596224	Seville	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
596222	Welch	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
596221	Hose	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
596219	Aquifer	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
586116	Tube	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
586109	Surfrider	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
586108	Tandem	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
586107	Fairhaven	Ongoing	Transportation	MD/HD EV	Incremental	0.75	3.95	0	0	0	0	0	0	0	0	0	3.95
586106	Cummins	Ongoing	Transportation	LD EV	Incremental	0.6	0.9	0	0	0	0	0	0	0	0	0	0.9
586106	Boeing	Ongoing	Transportation	LD EV	Incremental	0.6	0.9	0	0	0	0	0	0	0	0	0	0.9
586105	Aston	Completed	Industrial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
586104	Socrates	Cancelled	Transportation	LD EV	Incremental	1	0	0	1.3696	0	0	0	0	0	0	0	1.3696
586102	Quail	Completed	Industrial	Plants	Embedded	0.75	2.38	0	0	0	0	0	0	0	0	0	2.38
586101	Clerk	Completed	Commercial	Other	Embedded	0.75	0.346	0	0	0	0	0	0	0	0	0	0.346
586100	Congress	Cancelled	Commercial	Other	Embedded	0.75	0.552	0	0	0	0	0	0	0	0	0	0.552
586099	Calm	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0.442	0	0	0	0	0	0	0	0.442
586098	Buck	Completed	Commercial	Other	Embedded	0.75	0.613	0	0	0	0	0	0	0	0	0	0.613
586097	Moody	Completed	Commercial	Business	Embedded	0.75	0.468	0	0	0	0	0	0	0	0	0	0.468
586096	Loftus	Completed	Commercial	Business	Embedded	0.75	0.643	0	0	0	0	0	0	0	0	0	0.643
586095	Janae	Completed	Industrial	Facilities	Embedded	0.75	0.85	0	0	0	0	0	0	0	0	0	0.85
586094	Ocana	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
560637	Peterbilt	Ongoing	Industrial	Cultivation	Incremental	1	0	2.88	0	0	0	0	0	0	0	0	2.88
560636	Peterbilt	Ongoing	Industrial	Cultivation	Incremental	1	0	1.44	0	0	0	0	0	0	0	0	1.44
560635	Pegaso	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
560634	Cummins	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.864	0	0	0	0	0	0	0	0	0.864
560633	Kingpin	Ongoing	Industrial	Cultivation	Incremental	1	0	0.84	0	0	0	0	0	0	0	0	0.84
560632	Toblerone	Completed	Commercial	Business	Embedded	0.75	0.453	0	0	0	0	0	0	0	0	0	0.453
560631	Caterpillar	Ongoing	Industrial	Cultivation	Incremental	1	0	0	1.08	0	0	0	0	0	0	0	1.08
560630	International	Completed	Industrial	Cultivation	Incremental	1	0	6.4	0	0	0	0	0	0	0	0	6.4
560630	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
560629	Halter	Completed	Commercial	Education	Embedded	0.75	0.702	0	0	0	0	0	0	0	0	0	0.702
560628	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.4	0	0	0	0	0	0	0	0	0	1.4
560628	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
560628	Cummins	Completed	Industrial	Cultivation	Incremental	1	1.4	0	0	0	0	0	0	0	0	0	1.4
560627	Russ Boyd	Cancelled	Industrial	Cultivation	Incremental	1	0	0	10.8	8.16	0	0	0	0	0	0	18.96
560626	Russ Boyd	Cancelled	Industrial	Cultivation	Incremental	1	4.8	0	0	0	0	0	0	0	0	0	4.8
560625	Freightliner	Ongoing	Industrial	Cultivation	Incremental	1	0	4.8525	0	0	0	0	0	0	0	0	4.8525
560624	Katella	Completed	Residential	Home Construction	Embedded	0.75	0.695	0	0	0	0	0	0	0	0	0	0.695
560623	Cummins	Completed	Industrial	Cultivation	Incremental	1	0.1876	0	0	0	0	0	0	0	0	0	0.1876
560622	Zeppelin	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
560621	Scholl	Ongoing	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
560618	Chaney	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.6	0.6	0	0	0	0	0	0	0	1.2
560617	Plummer	Ongoing	Industrial	Cultivation	Incremental	0.75	0.5	0.3	0	0	0	0	0	0	0	0	0.8
560615	Heftler	Ongoing	Industrial	Facilities	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
560614	Heftler	Ongoing	Industrial	Facilities	Embedded	1	0	0	2.12	0	0	0	0	0	0	0	2.12
560613	Braun	Cancelled	Transportation	LD EV	Incremental	1	0	0.813	0	0	0	0	0	0	0	0	0.813
560612	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	1.663	0	0	0	0	0	1.663
560611	Pappas	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
560610	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.033	0	0	0	0	0	0.033
560608	Hewitt	Ongoing	Industrial	Plants	Embedded	0.75	1.5	1	0	0	0	0	0	0	0	0	2.5
560607	Bazooka	Ongoing	Industrial	Cultivation	Incremental	0.75	0.5	1	1	0	0	0	0	0	0	0	2.5
560606	Halfback	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0.5	0	0	0	0	0	0	0	0.5
560606	Referee	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
560605	Helenka	Ongoing	Commercial	Other	Embedded	0.75	0	0.6	0	0	0	0	0	0	0	0	0.6
560604	Temeck	Completed	Transportation	LD EV	Incremental	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
560603	Ironwood	Ongoing	Industrial	Facilities	Embedded	0.75	0	2.5	3	0	0	0	0	0	0	0	5.5
560603	Pinewood	Ongoing	Industrial	Facilities	Embedded	0.75	0.75	0.75	0	0	0	0	0	0	0	0	1.5
560603	Plummer	Ongoing	Industrial	Facilities	Embedded	0.75	0	0.5	0.5	0.5	0.5	0	0	0	0	0	2
560602	Martian	Ongoing	Industrial	Cultivation	Incremental	0.75	0	9.9	0	0	0	0	0	0	0	0	9.9
560601	Pierson	Ongoing	Industrial	Cultivation	Incremental	0.75	0	20	0	0	0	0	0	0	0	0	20

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	[redacted]	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	[redacted]	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
2.2	0	0	0	0	0	0	0	0	0	2.2	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	0	1.4	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.4276	0	0	0	0	0	0	0	0	0	0.4276	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	1.279	0	0	0	0	0	0	0	1.279	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.268	0	0	0	0	0	0	0	0	0	0.268	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.431	0	0	0	0	0	0	0	0	0	0.431	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.218	0	0	0	0	0	0	0	0	0	0.218	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	2.709	0	0	0	0	0	0	0	0	2.709	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.265	0	0	0	0	0	0	0	0	0	0.265	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	2.322	0	0	0	0	0	0	0	0	2.322	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.084	0	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.161	0	0	0	0	0	0	0	0	1.161	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.813	0	0	0	0	0	0	0	0	0.813	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.201	0	0	0	0	0	0	0	0	0	1.201	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	5.966	0	0	0	0	0	0	0	0	5.966	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.548	0	0	0	0	0	0	0	0	1.548	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.1337	0	0	0	0	0	0	0	0	0	1.1337	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.455	0	0	0	0	0	0	0	0	0	2.455	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.709	0	0	0	0	0	0	0	0	0	2.709	[redacted]	0	0	0	0	0	0	0	0	0	0	
10.8	0	0	0	0	0	0	0	0	0	10.8	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.7089	0	0	0	0	0	0	0	0	0	2.7089	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.516	0	0	0	0	0	0	0	0	0	0.516	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	[redacted]	0	0	0	0	0	0	0	0	0	0	
5.182	0	0	0	0	0	0	0	0	0	5.182	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.675	0	0	0	0	0	0	0	0	0	0.675	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.85	0	0	0	0	0	0	0	0	0.85	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.337	0	0	0	0	0	0	0	0	0	0.337	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	[redacted]	0	0	0	0	0	0	0	0	0	0	
8.127	0	0	0	0	0	0	0	0	0	8.127	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.392	0.3	0	0	0	0	0	0	0	0	0.692	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.175	0	0	0	0	0	0	0	0	1.175	[redacted]	0	0	0	0	0	0	0	0	0	0	
2	3.25	0	0	0	0	0	0	0	0	5.25	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.21	0	0	0	0	0	0	0	0	0	0.21	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.75	0	0	0	0	0	0	0	0	0	1.75	[redacted]	0	0	0	0	0	0	0	0	0	0	
3.21	0	0	0	0	0	0	0	0	0	3.21	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	2.322	0	0	0	0	0	0	0	0	2.322	[redacted]	0	0	0	0	0	0	0	0	0	0	
3.95	0	0	0	0	0	0	0	0	0	3.95	[redacted]	3.95	0	0	0	0	0	0	0	0	3.95	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0.55	0	0	0	0	0	0	0	0	0.55	-38.89%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.607	0	0	0	0	0	0	0	0	0.607	[redacted]	0	0.165	0	0	0	0	0	0	0	0.165	37.33%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.742	0	0	0	0	0	0	0	0	0	1.742	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	2.88	0	0	0	0	0	0	0	2.88	[redacted]	-2.88	0	2.88	0	0	0	0	0	0	0	0.00%
0	1.44	0	0	0	0	0	0	0	0	1.44	[redacted]	-1.44	1.44	0	0	0	0	0	0	0	0	0.00%
0.769	0	0	0	0	0	0	0	0	0	0.769	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.864	0	0	0	0	0	0	0	0	0	0.864	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0.84	0	0	0	0	0	0	0	0	0.84	[redacted]	-0.84	0.84	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	1.08	0	0	0	0	0	0	0	0	1.08	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	6.4	0	0	0	0	0	0	0	0	6.4	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	0	1.4	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.8	4.0525	0	0	0	0	0	0	0	0	4.8525	[redacted]	-4.0525	4.0525	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
4.523	0	0	0	0	0	0	0	0	0	4.523	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	[redacted]	0.54	0	0	0	0	0	0	0	0	0.54	0.00%
0.6	0.6	0	0	0	0	0	0	0	0	1.2	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.3	0	0	0	0	0	0	0	0	0	0.3	[redacted]	0	0	0	0	0	0	0	0	0	0	-62.50%
0.85	0	0	0	0	0	0	0	0	0	0.85	[redacted]	0.85	0	0	0	0	0	0	0	0	0.85	-57.50%
0	2.345	0	0	0	0	0	0	0	0	2.345	[redacted]	0	0.225	0	0	0	0	0	0	0	0.225	10.61%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.663	0	0	0	0	0	0	1.663	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	26.604	0	0	0	0	26.604	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0.033	0	0	0	0	0	0	0.033	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
1	0	0	0	0	0	0	0	0	0	1	[redacted]	0	0	0	0	0	0	0	0	0	0	-60.00%
1	1	0	0	0	0	0	0	0	0	2	[redacted]	0	0	0	0	0	0	0	0	0	0	-20.00%
0	0.5	0	0	0	0	0	0	0	0	0.5	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0.5	0	0	0	0	0	0	0	0.5	[redacted]	-0.5	0	0.5	0	0	0	0	0	0	0	0.00%
0.6	0	0	0	0	0	0	0	0	0	0.6	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.5	3	0	0	0	0	0	0	0	0	5.5	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.75	0	0	0	0	0	0	0	0	0	0.75	[redacted]	0	0	0	0	0	0	0	0	0	0	-50.00%
0.5	0.5	0.5	0.5	0	0	0	0	0	0	2	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
9.9	0	0	0	0	0	0	0	0	0	9.9	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
20	0	0	0	0	0	0	0	0	0	20	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2022-03-11	2023-01-01	2022-03-11	
N/A		2022-03-11	2023-01-01	2022-03-11	
N/A		2022-03-09	2023-01-01	2021-11-01	
N/A		2022-03-09	2025-01-01	2024-09-01	
N/A		2022-03-09	2023-01-01	2022-11-01	
N/A		2022-03-03	2023-01-01	2022-09-01	
N/A		2022-03-03	2023-01-01	2022-10-01	
N/A		2022-03-03	2023-01-01	2022-07-01	
N/A		2022-03-01	2024-01-01	2023-10-01	
N/A		2022-02-28	2023-01-01	2023-04-30	
N/A		2022-02-25	2024-01-01	2022-11-18	
N/A		2022-02-25	2023-01-01	2022-01-21	
N/A		2022-02-25	2023-01-01	2022-02-07	
N/A		2022-02-25	2024-01-01	2022-02-07	
N/A		2022-02-18	2024-01-01	2023-09-01	
N/A		2022-02-18	2023-01-01	2023-10-01	
N/A		2022-02-16	2024-01-01	2024-01-01	
N/A		2022-02-11	2024-01-01	2024-04-01	
N/A		2022-02-04	2023-01-01	2022-02-04	
N/A		2022-02-02	2023-01-01	2023-09-01	
N/A		2022-02-02	2023-01-01	2022-01-30	
N/A		2022-02-01	2023-01-01	2023-07-01	
N/A		2022-02-01	2023-01-01	2023-05-01	Modified
N/A		2022-02-01	2023-01-01	2023-07-01	
N/A		2022-01-28	2023-01-01	2023-01-13	
N/A		2022-01-26	2023-01-01	2022-01-14	
N/A		2022-01-26	2023-01-01	2022-01-13	
N/A		2022-01-20	2023-01-01	2022-01-04	
N/A		2022-01-18	2023-01-01	2022-10-15	
N/A		2022-01-18	2023-01-01	2023-03-31	
N/A		2022-01-12	2024-01-01	2022-01-03	
N/A		2022-01-11	2023-01-01	2022-07-01	
N/A		2022-01-10	2023-01-01	2022-04-01	
N/A		2022-01-05	2023-01-01	2022-01-05	
N/A		2021-12-30	2023-01-01	2023-04-01	
N/A		2021-12-29	2023-01-01	2022-04-01	
N/A		2021-12-27	2024-01-01	2021-12-27	
N/A		2021-12-22	2023-01-01	2022-10-01	
N/A		2021-12-16	2023-01-01	2022-03-01	
N/A		2021-11-22	2023-01-01	2021-11-22	
N/A		2021-11-08	2023-01-01	2023-01-31	
N/A		2021-11-08	2024-01-01	2024-01-01	
Deferred3	3.95	2021-11-05	2023-01-01	2023-08-01	
N/A		2021-11-05	2022-01-01	2022-12-31	
Deferred3	0.9	2021-11-05	2023-01-01	2022-12-31	
N/A		2021-11-03	2022-01-01	2022-01-01	
N/A		2021-11-01	2024-01-01	2021-10-19	
N/A		2021-10-29	2022-01-01	2021-10-29	
N/A		2021-10-29	2022-01-01	2021-10-29	
N/A		2021-10-29	2022-01-01	2021-10-29	
No		2021-10-29	2024-01-01	2021-10-29	
N/A		2021-10-28	2022-01-01	2021-10-28	
N/A		2021-10-28	2022-01-01	2021-10-28	
N/A		2021-10-28	2022-01-01	2021-10-28	
N/A		2021-10-28	2022-01-01	2021-10-28	
N/A		2021-10-28	2023-01-01	2022-05-11	
Deferred3	2.88	2021-10-28	2025-01-01	2021-10-27	
Deferred3	1.44	2021-10-28	2024-01-01	2021-10-27	
N/A		2021-10-28	2023-01-01	2021-10-27	
No		2021-10-28	2023-01-01	2021-10-27	
Deferred3	0.84	2021-10-28	2024-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-10-27	
No		2021-10-27	2024-01-01	2021-10-27	
N/A		2021-10-27	2023-01-01	2021-10-27	
N/A		2021-10-27	2024-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-01-01	
N/A		2021-10-27	2022-01-01	2021-10-27	
N/A		2021-10-27	2023-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-10-27	
N/A		2021-10-27	2024-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-10-27	
Deferred1	4.0525	2021-10-27	2023-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-10-27	
N/A		2021-10-27	2022-01-01	2021-10-27	
N/A		2021-10-27	2023-01-01	2021-10-27	
Deferred3	0.54	2021-10-25	2023-01-01	2021-12-01	
No		2021-10-22	2023-01-01	2023-01-01	
No		2021-10-22	2023-01-01	2023-01-01	
Deferred3	2	2021-10-20	2023-01-01	2022-12-31	
No		2021-10-20	2024-01-01	2022-11-30	
N/A		2021-10-20	2023-01-01	2023-06-01	
No		2021-10-20	2026-01-01	2026-06-30	
N/A		2021-10-20	2028-01-01	2028-06-30	
No		2021-10-20	2026-01-01	2026-06-30	
No		2021-10-19	2023-01-01	2022-06-01	
No		2021-10-19	2023-01-01	2023-01-01	
No		2021-10-19	2024-01-01	2023-06-01	
Deferred3	0.5	2021-10-19	2025-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-01-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
No		2021-10-18	2023-01-01	2023-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
560600	Pierson	Ongoing	Industrial	Facilities	Embedded	0.75	0	10	0	0	0	0	0	0	0	0	10
560598	Home	Cancelled	Transportation	LD EV	Incremental	1	2.328	0	0	0	0	0	0	0	0	0	2.328
557497	Cuervo	Ongoing	Commercial	Business	Embedded	0.75	0	0	8.3	8.3	8.3	0	0	0	0	0	24.9
557496	Linda Vista	Completed	Industrial	Cultivation	Incremental	0.75	1.33	0	0	0	0	0	0	0	0	0	1.33
557495	Cupples	New	Commercial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
557495	Serfas	Completed	Industrial	Plants	Embedded	0.75	0	3.129	0	0	0	0	0	0	0	0	3.129
557494	Linda Vista	Cancelled	Residential	Home Construction	Embedded	0.75	1.6	1.6	1.5	1.5	1.5	1.5	0	0	0	0	9.2
557493	Metallic	Ongoing	Commercial	Business	Embedded	1	3	2.478	0	0	0	0	0	0	0	0	5.478
557491	Owens	Cancelled	Industrial	Facilities	Embedded	0.75	0.48	0.8	0	0	0	0	0	0	0	0	1.28
557489	Judge	Ongoing	Transportation	LD EV	Incremental	1	0	1.084	0	0	0	0	0	0	0	0	1.084
557488	Bradshaw	Ongoing	Transportation	LD EV	Incremental	1	0	1.625	0	0	0	0	0	0	0	0	1.625
557487	Cony	Completed	Transportation	LD EV	Incremental	1	0.3	0	0	0	0	0	0	0	0	0	0.3
557486	Ford	New	Transportation	MD/HD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
557484	Brotherton	Ongoing	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
557483	Diplomat	Cancelled	Industrial	Facilities	Embedded	0.75	0.627	0	0	0	0	0	0	0	0	0	0.627
557482	Harlow	Ongoing	Industrial	Facilities	Embedded	0.75	1.404	0	0	0	0	0	0	0	0	0	1.404
557481	Harrier	Ongoing	Commercial	Business	Embedded	0.75	0	0.3	0.7	0	0	0	0	0	0	0	1
557480	Pinewood	Completed	Industrial	Facilities	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
557480	Serpentine	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
557479	Pinewood	Ongoing	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
557478	Pinewood	Cancelled	Commercial	Business	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
557477	Sonoma	Ongoing	Industrial	Plants	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
557476	Carbine	Ongoing	Commercial	Business	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
557475	Chaney	Ongoing	Industrial	Plants	Embedded	0.75	0	0.3	0.7	0	0	0	0	0	0	0	1
557474	Pinewood	Completed	Commercial	Other	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
557473	Hammock	Ongoing	Industrial	Other	Embedded	0.75	0	2.5	2.5	0	0	0	0	0	0	0	5
557472	Pinewood	Completed	Commercial	Business	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
557471	Chaney	Ongoing	Commercial	Business	Embedded	0.75	0.4	0.4	0	0	0	0	0	0	0	0	0.8
557470	Starglow	Ongoing	Commercial	Business	Embedded	0.75	0.312	1	0	0	0	0	0	0	0	0	1.312
557469	Lauda	Ongoing	Industrial	Other	Embedded	0.75	0	0	0	5	5	0	0	0	0	0	10
557468	Chaney	Ongoing	Commercial	Education	Embedded	0.75	0	1	0.5	0	0	0	0	0	0	0	1.5
557467	Reche	Completed	Commercial	Business	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
557466	Reche	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
557465	Hewitt	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1	1.5	0	0	0	0	0	0	0	2.5
557464	Hewitt	Ongoing	Commercial	Other	Embedded	0.75	0.5	0.5	0.5	0	0	0	0	0	0	0	1.5
557463	Minor	Ongoing	Commercial	Other	Embedded	0.75	0.585	0	0	0	0	0	0	0	0	0	0.585
557462	Minor	Ongoing	Commercial	Other	Embedded	0.75	0.585	0	0	0	0	0	0	0	0	0	0.585
557461	Aviator	Completed	Residential	Home Construction	Embedded	0.75	0	0.5	1	1	0	0	0	0	0	0	2.5
557460	Ridgemoor	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.7	0.3	0	0	0	0	0	0	0	1
557459	Photon	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.447	0	0	0	0	0	0	0	0	0.647
557458	Sonoma	Ongoing	Residential	Home Construction	Embedded	0.75	0	1	0.5	0	0	0	0	0	0	0	1.5
557457	Pinewood	Ongoing	Commercial	Business	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
557456	Rotec	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.7	0.57	0	0	0	0	0	0	0	1.27
557455	Mclaughlin	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.615	0	0	0	0	0	0	0	0	0.815
557454	Colt	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.715	0	0	0	0	0	0	0	0	0.915
557453	Equinox	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.65	0.65	0	0	0	0	0	0	0	1.3
557452	Rockridge	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.365	0	0	0	0	0	0	0	0	0.365
557451	Celestial	Ongoing	Residential	Home Construction	Embedded	0.75	0	1	0.98	0	0	0	0	0	0	0	1.98
557450	Morris	Ongoing	Commercial	Business	Embedded	0.75	0.4	0.8	0	0	0	0	0	0	0	0	1.2
557449	Limited	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.4	0.4	0	0	0	0	0	0	0	0.8
557448	Photon	Ongoing	Residential	Home Construction	Embedded	0.75	0	1	1	1	0.7	0	0	0	0	0	3.7
557447	Collier	Completed	Residential	Home Construction	Embedded	0.75	0	1	0.72	0	0	0	0	0	0	0	1.72
557447	Lakeland	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
557446	Via Norte	Ongoing	Residential	Other	Embedded	0.75	0	1	0.68	0	0	0	0	0	0	0	1.68
557445	Westbrook	Ongoing	Commercial	Other	Embedded	0.75	0.375	0.375	0	0	0	0	0	0	0	0	0.75
557444	Beeler	Cancelled	Residential	Home Construction	Embedded	0.75	0.43	0.43	0	0	0	0	0	0	0	0	0.86
557443	Callaway	Cancelled	Residential	Home Construction	Embedded	0.75	0	1.3	0.25	0	0	0	0	0	0	0	1.55
557442	Bazooka	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.61	0	0	0	0	0	0	0	0	0.91
557441	Napa	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.233	0.2	0	0	0	0	0	0	0	0.433
557440	Napa	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.76	0.7	0	0	0	0	0	0	0	1.76
557439	Girard	Ongoing	Residential	Home Construction	Embedded	0.75	0	1	1	0.9	0	0	0	0	0	0	2.9
557438	Napa	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.4	0.5	0	0	0	0	0	0	0	0.9
557437	Collier	Ongoing	Residential	Home Construction	Embedded	0.75	0.45	0.5	0	0	0	0	0	0	0	0	0.95
557436	Jerusalem	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.2	0.2	0	0	0	0	0	0	0	0.4
557435	Jerusalem	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.2	0.1	0	0	0	0	0	0	0	0.3
557434	Bodkin	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.225	0	0	0	0	0	0	0	0	0.425
557433	Appalousa	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.43	0	0	0	0	0	0	0	0	0.43
557432	Carbine	Completed	Industrial	Other	Embedded	0.75	0	0.13	0	0	0	0	0	0	0	0	0.13
557431	Sonoma	Ongoing	Residential	Home Construction	Embedded	0.75	0	1	1	1.55	0	0	0	0	0	0	3.55
557430	Via Norte	Ongoing	Residential	Other	Embedded	0.75	0	0.5	1	0	0	0	0	0	0	0	1.5
557429	Humber	Ongoing	Residential	Other	Embedded	0.75	0	0.3	0.7	0	0	0	0	0	0	0	1
557428	Diaz	Cancelled	Commercial	Other	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
557427	Tackle	Completed	Commercial	Other	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
557401	Dorman	Ongoing	Industrial	Cultivation	Incremental	0.75	0.3	0.7	0	0	0	0	0	0	0	0	1
557400	Dorman	Ongoing	Industrial	Cultivation	Incremental	0.75	0.2	0.515	0	0	0	0	0	0	0	0	0.715
557399	Hunter	Completed	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
557398	Argonaut	Ongoing	Commercial	Business	Embedded	0.75	0	0	0.225	0	0	0	0	0	0	0	0.225
557397	Dorman	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.3	0.7	0	0	0	0	0	0	0	1
557396	Diaz	Ongoing	Industrial	Facilities	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
557395	Harlow	Completed	Industrial	Facilities	Embedded	0.75	2.5	2.5	0	0	0	0	0	0	0	0	5
557394	Brethren	Cancelled	Transportation	MD/HD EV	Incremental	1	0.668	0	0	0	0	0	0	0	0	0	0.668
557393	Studebaker	Completed	Transportation	MD/HD EV	Incremental	1	1.1152	0	0	0	0	0	0	0	0	0	1.1152
557392	Stack	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
557391	Toltec	Cancelled	Commercial	Business	Embedded	0.75	0.3	0.45	0	0	0	0	0	0	0	0	0.75
557390	Polo	Completed	Industrial	Facilities	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
557389	La Quinta	Ongoing	Commercial	Other	Embedded	0.75	0	6.25	0	0	0	0	0	0	0	0	6.25
557388	Patencio	Ongoing	Residential	Home Construction	Embedded	0.75	0.368	0	0	0	0	0	0	0	0	0	0.368
557386	Dairyman	Ongoing	Commercial	Business	Embedded	0.75	0	0.19	0	0	0	0	0	0	0	0	0.19
557385	Bilton	Ongoing	Commercial	Business	Embedded	0.75	1	0.5	0	0	0	0	0	0	0	0	1.5
557384	Tortuga	Ongoing	Commercial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
557383	Carbon	Ongoing	Transportation	MD/HD EV	Incremental	0.75	0	0	8.7	0	0	0	0	0	0	0	8.7
557382	Division	Cancelled	Transportation	LD EV	Incremental	0.75	0.362	0	0	0	0	0	0	0	0	0	0.362
557106	Sunsweet	Completed	Transportation	LD EV	Embedded	0.75	0.579	0	0	0	0	0	0	0	0	0	0.579
557105	Padova	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
557104	Moran	Ongoing	Commercial	Other	Embedded	0.75	1.871	0	0	0	0	0	0	0	0	0	1.871

PY23 (MVA)												Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
10	0	0	0	0	0	0	0	0	0	10		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	3.1	3.1	3.1	3.1	0	0	0	0	12.4		0	-8.3	-5.2	-5.2	3.1	3.1	0	0	0	-12.5	-50.20%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	1.3	4.4	0	0	0	-5.7	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.35	0	0	0	0	0	0	0	0	0	0.35		-2.128	0	0	0	0	0	0	0	0	-2.128	-93.61%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.953	0	0	0	0	0	0	0	0	0	0.953		-0.131	0	0	0	0	0	0	0	0	-0.131	-12.08%
1.355	0	0	0	0	0	0	0	0	0	1.355		-0.27	0	0	0	0	0	0	0	0	-0.27	-16.62%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
2.625	0	0	0	0	0	0	0	0	0	2.625		0	0	0	0	0	0	0	0	0	0	
0.289	0	0	0	0	0	0	0	0	0	0.289		0.289	0	0	0	0	0	0	0	0	0.289	-42.20%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.702	0	0	0	0	0	0	0	0	0	0.702		0.702	0	0	0	0	0	0	0	0	0.702	-50.00%
0.3	0.7	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.0217	0.0109	0	0	0	0	0	0	0	0	0.0326		0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6		0.6	0	0	0	0	0	0	0	0	0.6	100.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	0.00%
0	0.3	0	0	0	0	0	0	0	0	0.3		-0.3	0.3	0	0	0	0	0	0	0	0	0.00%
0.3	0.7	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
2.5	2.5	0	0	0	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	-50.00%
1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	-23.78%
0	3	3	0	0	0	0	0	0	0	6		0	3	-2	-5	0	0	0	0	0	-4	-40.00%
1	0.5	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1	1.5	0	0	0	0	0	0	0	0	2.5		0	0	0	0	0	0	0	0	0	0	0.00%
0.75	0.75	0	0	0	0	0	0	0	0	1.5		0.25	0.25	0	0	0	0	0	0	0	0.5	0.00%
0.585	0	0	0	0	0	0	0	0	0	0.585		0.585	0	0	0	0	0	0	0	0	0.585	0.00%
0.585	0	0	0	0	0	0	0	0	0	0.585		0.585	0	0	0	0	0	0	0	0	0.585	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.7	0	0	0	0	0	0	0	0	0	0.7		0	-0.3	0	0	0	0	0	0	0	-0.3	-30.00%
0.447	0.2	0	0	0	0	0	0	0	0	0.647		0	0.2	0	0	0	0	0	0	0	0.2	0.00%
0.5	0.5	0.25	0	0	0	0	0	0	0	1.25		-0.5	0	0.25	0	0	0	0	0	0	-0.25	-16.67%
0.3	0	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	0.00%
0	0.7	0.57	0	0	0	0	0	0	0	1.27		-0.7	0.13	0.57	0	0	0	0	0	0	0	0.00%
0.615	0.2	0	0	0	0	0	0	0	0	0.815		0	0.2	0	0	0	0	0	0	0	0.2	0.00%
0.715	0.2	0	0	0	0	0	0	0	0	0.915		0	0.2	0	0	0	0	0	0	0	0.2	0.00%
0.65	0.65	0	0	0	0	0	0	0	0	1.3		0	0	0	0	0	0	0	0	0	0	0.00%
0.365	0	0	0	0	0	0	0	0	0	0.365		0	0	0	0	0	0	0	0	0	0	0.00%
0.66	0.66	0.66	0	0	0	0	0	0	0	1.98		-0.34	-0.32	0.66	0	0	0	0	0	0	0	0.00%
0.8	0	0	0	0	0	0	0	0	0	0.8		0	0	0	0	0	0	0	0	0	0	-33.33%
0	0.4	0.4	0	0	0	0	0	0	0	0.8		-0.4	0	0.4	0	0	0	0	0	0	0	0.00%
1	1	1	0.7	0	0	0	0	0	0	3.7		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0.54	0.54	0	0	0	0	0	0	0	1.08		0	0	0	0	0	0	0	0	0	0	
1	0.68	0	0	0	0	0	0	0	0	1.68		0	0	0	0	0	0	0	0	0	0	0.00%
0.375	0	0	0	0	0	0	0	0	0	0.375		0	0	0	0	0	0	0	0	0	0	-50.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.3	0.61	0	0	0	0	0	0	0	0	0.91		-0.31	0.61	0	0	0	0	0	0	0	0.3	0.00%
0	0.23	0.2	0	0	0	0	0	0	0	0.43		-0.233	0.03	0.2	0	0	0	0	0	0	-0.003	-0.69%
0.76	0.7	0	0	0	0	0	0	0	0	1.46		0	0	0	0	0	0	0	0	0	0	-17.05%
1	1	0.9	0	0	0	0	0	0	0	2.9		0	0	0	0	0	0	0	0	0	0	0.00%
0.4	0.5	0	0	0	0	0	0	0	0	0.9		0	0	0	0	0	0	0	0	0	0	0.00%
0.45	0.5	0	0	0	0	0	0	0	0	0.95		-0.05	0.5	0	0	0	0	0	0	0	0.45	0.00%
0.2	0.2	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	0.00%
0.2	0.1	0	0	0	0	0	0	0	0	0.3		0	0	0	0	0	0	0	0	0	0	0.00%
0.225	0	0	0	0	0	0	0	0	0	0.225		0	0	0	0	0	0	0	0	0	0	-47.06%
0.43	0	0	0	0	0	0	0	0	0	0.43		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1	1	1.55	0	0	0	0	0	0	0	3.55		0	0	0	0	0	0	0	0	0	0	0.00%
0.5	1	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	0.00%
0	0.3	0.7	0	0	0	0	0	0	0	1		-0.3	-0.4	0.7	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.7	0	0	0	0	0	0	0	0	0	0.7		0	0	0	0	0	0	0	0	0	0	-30.00%
0.72	0	0	0	0	0	0	0	0	0	0.72		0.205	0	0	0	0	0	0	0	0	0.205	0.70%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0.225	0	0	0	0	0	0	0	0	0.225		0	0	0	0	0	0	0	0	0	0	0.00%
0.3	0.7	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0	0	0	0	0	0.00%
0.5	0.5	0	0	0	0	0	0	0	0	1		0	0.5	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
6.25	0	0	0	0	0	0	0	0	0	6.25		0	0	0	0	0	0	0	0	0	0	0.00%
0.368	0	0	0	0	0	0	0	0	0	0.368		0.368	0	0	0	0	0	0	0	0	0.368	0.00%
0.044	0	0	0	0	0	0	0	0	0	0.044		-0.146	0	0	0	0	0	0	0	0	-0.146	-76.84%
0.5	0	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	-66.67%
1.5	0	0	0	0	0	0	0	0	0	1.5		1.5	0	0	0	0	0	0	0	0	1.5	0.00%
0	2.61	4.35	1.74	0	0	0	0	0	0	8.7		0	-6.09	4.35	1.74	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.905	0	0	0	0	0	0	0	0	0	1.905		1.905	0	0	0	0	0	0	0	0	1.905	1.82%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
No		2021-10-18	2023-01-01	2023-01-01	
N/A		2021-10-18	2022-01-01	2021-03-03	
Deferred3	24.9	2021-10-18	2025-01-01	2025-06-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
N/A		2021-10-18	2024-01-01	2023-12-31	
N/A		2021-10-18	2023-01-01	2023-12-31	
N/A		2021-10-18	2022-01-01	2022-01-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
No		2021-10-18	2023-01-01	2022-01-25	
No		2021-10-18	2023-01-01	2021-08-31	
N/A		2021-10-18	2022-01-01	2021-05-01	
N/A		2021-10-18	2023-01-01	2022-04-18	
Deferred3	0.5	2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2022-01-01	2021-12-31	
Deferred3	1.404	2021-10-18	2023-01-01	2022-01-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.3	2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.3	2021-10-18	2024-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
Accelerated		2021-10-18	2024-01-01	2025-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
Deferred3	0.585	2021-10-18	2023-01-01	2022-06-01	
Deferred3	0.585	2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
Accelerated		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.2	2021-10-18	2023-01-01	2022-06-01	
Deferred1	0.25	2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred3	1.27	2021-10-18	2024-01-01	2023-06-01	
Deferred3	0.2	2021-10-18	2023-01-01	2022-06-01	
Deferred3	0.2	2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred1	0.66	2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
Deferred3	0.4	2021-10-18	2024-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2024-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.91	2021-10-18	2023-01-01	2022-06-01	
Deferred3	0.433	2021-10-18	2024-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.95	2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred3	1	2021-10-18	2024-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
N/A		2021-10-18	2023-01-01	2023-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
No		2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2022-01-01	2022-06-01	
No		2021-10-18	2024-01-01	2024-06-01	
No		2021-10-18	2023-01-01	2023-06-01	
Deferred3	0.5	2021-10-18	2023-01-01	2022-06-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
N/A		2021-10-18	2022-01-01	2021-08-30	
N/A		2021-10-18	2022-01-01	2021-08-13	
Deferred3	0.5	2021-10-18	2023-01-01	2023-01-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
N/A		2021-10-18	2022-01-01	2022-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
Deferred3	0.368	2021-10-18	2023-01-01	2023-01-01	
No		2021-10-18	2023-01-01	2023-01-01	
No		2021-10-16	2023-01-01	2022-06-01	
Deferred3	1.5	2021-10-15	2023-01-01	2023-01-01	
Deferred1	6.09	2021-10-15	2024-01-01	2024-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
Deferred3	1.871	2021-10-15	2023-01-01	2023-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
557103	Metro	Completed	Commercial	Business	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
557102	Gaylord	Ongoing	Residential	Home Construction	Embedded	0.75	0.9	0	0	0	0	0	0	0	0	0	0.9
557100	Bontanic	Completed	Transportation	LD EV	Embedded	0.75	0.556	0	0	0	0	0	0	0	0	0	0.556
557099	Baseline	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
557097	Wookie	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
557096	Boxcar	Ongoing	Transportation	LD EV	Incremental	1	0	0	1.355	0	0	0	0	0	0	0	1.355
557095	Boxcar	Ongoing	Transportation	LD EV	Incremental	1	0	0.883	0	0	0	0	0	0	0	0	0.883
557094	Halter	Cancelled	Transportation	MD/HD EV	Incremental	1	0	3.71	0	0	0	0	0	0	0	0	3.71
557093	Chrome	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
557093	Nickel	Completed	Transportation	LD EV	Incremental	1	0	1.625	0	0	0	0	0	0	0	0	1.625
557092	Sun Village	Ongoing	Industrial	Plants	Embedded	0.75	1.24	2.8	0	0	0	0	0	0	0	0	4.04
557091	Assembly	Cancelled	Industrial	Cultivation	Incremental	0.75	0	0	0.288	0	0	0	0	0	0	0	0.288
557090	Farms	Completed	Industrial	Facilities	Embedded	0.75	0	1	0	0	0	0	0	0	0	0	1
557089	Vadar	Ongoing	Industrial	Other	Embedded	0.75	0.48	0	0	0	0	0	0	0	0	0	0.48
557088	Skywalker	Completed	Residential	Other	Embedded	0.75	0.426	0	0	0	0	0	0	0	0	0	0.426
557087	Subida	Completed	Industrial	Plants	Embedded	0.75	0.976	0	0	0	0	0	0	0	0	0	0.976
557086	Courson	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
557086	Mark	Completed	Residential	Home Construction	Embedded	0.75	0	0	1.5	0	0	0	0	0	0	0	1.5
557085	Huron	Cancelled	Industrial	Facilities	Embedded	0.75	0	1.1	0	0	0	0	0	0	0	0	1.1
557084	Yoda	Cancelled	Industrial	Other	Embedded	0.75	0	2.25	2.25	0	0	0	0	0	0	0	4.5
550681	Farms	Cancelled	Industrial	Facilities	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
550680	Farms	Ongoing	Commercial	Business	Embedded	0.75	0.429	0	0	0	0	0	0	0	0	0	0.429
550679	Lupine	Ongoing	Industrial	Cultivation	Incremental	0.75	0	2	0	0	0	0	0	0	0	0	2
550678	Twain	Completed	Industrial	Other	Embedded	0.75	1	1	0	0	0	0	0	0	0	0	2
550678	Acrobat	New	Industrial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550677	Thompsen	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550666	Intern	Completed	Commercial	Health Care	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
550665	Meredith	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550661	Boulder	Ongoing	Residential	Home Construction	Embedded	0.75	0.33	0.33	0.33	0.33	0	0	0	0	0	0	1.32
550660	Stonewood	Ongoing	Residential	Home Construction	Embedded	0.75	0.33	0.33	0.33	0	0	0	0	0	0	0	0.99
550659	Obsidian	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550658	Obsidian	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550657	Gertrude	Completed	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550655	Stitzer	Completed	Industrial	Plants	Embedded	0.75	0.27	0	0	0	0	0	0	0	0	0	0.27
550654	Koala	Ongoing	Industrial	Facilities	Embedded	1	0.611	0.309	0	0	0	0	0	0	0	0	0.92
550653	Goss	Ongoing	Residential	Home Construction	Embedded	0.75	1.025	0	0	0	0	0	0	0	0	0	1.025
550652	Mauna Loa	Ongoing	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550651	Hatchery	Ongoing	Commercial	Health Care	Embedded	0.75	0.66	0	0	0	0	0	0	0	0	0	0.66
550650	Kenworth	Completed	Industrial	Cultivation	Incremental	0.75	0.532	0	0	0	0	0	0	0	0	0	0.532
550649	Balsam	Ongoing	Residential	Home Construction	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
550648	Kern	Ongoing	Commercial	Business	Embedded	0.75	0.593	0	0	0	0	0	0	0	0	0	0.593
550647	Kern	Cancelled	Industrial	Other	Embedded	0.75	0	0	0	0	1	0	0	0	0	0	1
550646	Sundown	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
550645	Cardinal	Ongoing	Residential	Home Construction	Embedded	0.75	0.0065	0	0	0	0	0	0	0	0	0	0.0065
550644	Weiss	Completed	Residential	Home Construction	Embedded	0.75	0	0.301	0	0	0	0	0	0	0	0	0.301
550643	Strosnider	Ongoing	Commercial	Other	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
550642	Pickle Meadows	Ongoing	Industrial	Other	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
550641	Penstock	Ongoing	Residential	Home Construction	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
550640	Goldpan	Ongoing	Residential	Home Construction	Embedded	0.75	0.288	0	0	0	0	0	0	0	0	0	0.288
550639	Taberna	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
550638	Cistern	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.25	0	0	0	0	0	0	0	0	0.25
550637	Padre	Ongoing	Transportation	MD/HD EV	Incremental	1	0.656	0	0	0	0	0	0	0	0	0	0.656
550636	Empire	Ongoing	Transportation	LD EV	Incremental	1	0.558	0	0	0	0	0	0	0	0	0	0.558
550635	Alvarado	Cancelled	Transportation	LD EV	Incremental	1	0	0.33	0	0	0	0	0	0	0	0	0.33
550634	Palmview	Ongoing	Industrial	Cultivation	Incremental	0.75	16	16	32	32	32	0	0	0	0	0	128
550633	Padre	Ongoing	Transportation	LD EV	Incremental	1	0	1.75	0	0	0	0	0	0	0	0	1.75
550632	Flynn	Cancelled	Transportation	LD EV	Incremental	1	0	0	0.813	0	0	0	0	0	0	0	0.813
550631	Ricardo	Ongoing	Transportation	LD EV	Incremental	1	0	0.542	0	0	0	0	0	0	0	0	0.542
550628	Taberna	Ongoing	Residential	Home Construction	Embedded	0.75	0.95	0.95	0	0	0	0	0	0	0	0	1.9
550627	Topoc	Ongoing	Residential	Other	Embedded	0.75	0	0	0	0.4	0	0	0	0	0	0	0.4
550626	Polo	Cancelled	Transportation	LD EV	Incremental	1	0.87	0	0	0	0	0	0	0	0	0	0.87
550625	Topoc	Ongoing	Residential	Other	Embedded	0.75	0	0.175	0	0	0	0	0	0	0	0	0.175
550624	Larrea	Ongoing	Commercial	Business	Embedded	0.75	0	0.345	0	0	0	0	0	0	0	0	0.345
550623	Old Dale	Completed	Commercial	Other	Embedded	0.75	0.11	0	0	0	0	0	0	0	0	0	0.11
550622	Melody	Ongoing	Commercial	Business	Embedded	0.75	0	0	1	0	0	0	0	0	0	0	1
550621	Cochise	Ongoing	Residential	Other	Embedded	0.75	0.66	0	0	0	0	0	0	0	0	0	0.66
550620	Martian	Cancelled	Industrial	Cultivation	Incremental	0.75	0	2.7	0	0	0	0	0	0	0	0	2.7
550619	Melon	Completed	Industrial	Cultivation	Incremental	0.75	0	0.18	1.017	0	0	0	0	0	0	0	1.197
550619	Riverbend	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
550618	Palmview	Cancelled	Industrial	Cultivation	Incremental	0.75	0	2.5	0	0	0	0	0	0	0	0	2.5
550617	Goldpan	Ongoing	Residential	Home Construction	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
550616	Waterway	Ongoing	Residential	Home Construction	Embedded	0.75	0.6	0	0.45	0	0	0	0	0	0	0	1.05
550615	Atlanta	Ongoing	Commercial	Other	Embedded	0.75	1.45	1.45	0	0	0	0	0	0	0	0	2.9
550613	Penstock	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.99	0	0	0	0	0	0	0	0	0.99
550612	Wanda	Ongoing	Industrial	Facilities	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
550611	Hawthorne	Ongoing	Transportation	LD EV	Incremental	0.75	0	1.935	0	0	0	0	0	0	0	0	1.935
550610	Salt Lake	Ongoing	Commercial	Education	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
550609	Tube	Completed	Industrial	Plants	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
550608	Floodgate	Cancelled	Agriculture	Agriculture	Embedded	0.75	0.77	0	0	0	0	0	0	0	0	0	0.77
550607	Smith	Ongoing	Industrial	Plants	Embedded	0.75	0.675	0	0	0	0	0	0	0	0	0	0.675
550606	Saybrook	Ongoing	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
550605	Davie	Ongoing	Industrial	Plants	Embedded	0.75	0.425	0	0	0	0	0	0	0	0	0	0.425
550604	Concourse	Ongoing	Industrial	Plants	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550603	Spear	Completed	Commercial	Other	Embedded	0.75	0	0.503	0	0	0	0	0	0	0	0	0.503
550602	Apex	Ongoing	Commercial	Other	Embedded	0.75	0.613	0	0	0	0	0	0	0	0	0	0.613
550601	Hartle	Ongoing	Residential	Home Construction	Embedded	0.75	0.308	0	0	0	0	0	0	0	0	0	0.308
550600	Wilcox	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.865	0	0	0	0	0	0	0	0	0.865
550599	Florence	Ongoing	Commercial	Business	Embedded	0.75	0.766	0	0	0	0	0	0	0	0	0	0.766
550598	Dalberg	Completed	Industrial	Facilities	Embedded	0.75	0.473	0	0	0	0	0	0	0	0	0	0.473
550597	Norwich	Completed	Transportation	LD EV	Incremental	0.6	1.6	0	0	0	0	0	0	0	0	0	1.6
550596	Fogg	Completed	Agriculture	Agriculture	Embedded	0.75	0.213	0	0	0	0	0	0	0	0	0	0.213
550595	Olson	Completed	Commercial	Other	Embedded	0.75	5	0	0	0	0	0	0	0	0	0	5
550594	Gringo	Completed	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
550593	Carnegie	Cancelled	Industrial	Cultivation	Incremental	0.75	7	0	0	0	0	0	0	0	0	0	7
550591	Surfside	Completed	Industrial	Cultivation	Incremental	0.75	0	3.6	0	0	0	0	0	0	0	0	3.6

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0.9
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.63	0	0	0	0	0	0	0	0	0	1.63
0	1.355	0	0	0	0	0	0	0	0	1.355
0.883	0	0	0	0	0	0	0	0	0	0.883
0	0	0	0	0	0	0	0	0	0	0
1.625	0	0	0	0	0	0	0	0	0	1.625
0	0	0	0	0	0	0	0	0	0	0
1.24	2.8	0	0	0	0	0	0	0	0	4.04
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.48	0	0	0	0	0	0	0	0	0	0.48
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.5	0	0	0	0	0	0	0	0	0	1.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.114	0	0	0	0	0	0	0	0	0	0.114
2	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0
0	0.575	0.575	0	0	0	0	0	0	0	1.15
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
3.75	1.5	0	0	0	0	0	0	0	0	5.25
0.33	0.33	0.33	0	0	0	0	0	0	0	0.99
0.33	0.33	0	0	0	0	0	0	0	0	0.66
1	2.5	0	0	0	0	0	0	0	0	3.5
1.75	0.375	0	0	0	0	0	0	0	0	2.125
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.92	0	0	0	0	0	0	0	0	0	0.92
0.216	0	0	0	0	0	0	0	0	0	0.216
0.389	0	0	0	0	0	0	0	0	0	0.389
0.66	0	0	0	0	0	0	0	0	0	0.66
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	1
0.593	0	0	0	0	0	0	0	0	0	0.593
0	0	0	0	0	0	0	0	0	0	0
0.15	0	0	0	0	0	0	0	0	0	0.15
0.0065	0	0	0	0	0	0	0	0	0	0.0065
0	0	0	0	0	0	0	0	0	0	0
0.15	0	0	0	0	0	0	0	0	0	0.15
0.15	0	0	0	0	0	0	0	0	0	0.15
0.5	0	0	0	0	0	0	0	0	0	0.5
0.422	0	0	0	0	0	0	0	0	0	0.422
0.5	0.5	0	0	0	0	0	0	0	0	1
0.5	0	0	0	0	0	0	0	0	0	0.5
0.656	0	0	0	0	0	0	0	0	0	0.656
0	0.372	0	0	0	0	0	0	0	0	0.372
0	0	0	0	0	0	0	0	0	0	0
0	16	16	32	32	16	0	0	0	0	112
1.75	0	0	0	0	0	0	0	0	0	1.75
0	0	0	0	0	0	0	0	0	0	0
0.581	0	0	0	0	0	0	0	0	0	0.581
0.95	0.95	0	0	0	0	0	0	0	0	1.9
0	0	0	0.4	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0	0
0	0.18	0	0	0	0	0	0	0	0	0.18
0.345	0	0	0	0	0	0	0	0	0	0.345
0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	1
0.121	0	0	0	0	0	0	0	0	0	0.121
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.18	1.017	0	0	0	0	0	0	0	0	1.197
0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0.8
0	0.45	0	0	0	0	0	0	0	0	0.45
1	1.05	0	0	0	0	0	0	0	0	2.05
0.171	0.5	0	0	0	0	0	0	0	0	0.671
3	0	0	0	0	0	0	0	0	0	3
0	3.325	0	0	0	0	0	0	0	0	3.325
2.65	0	0	0	0	0	0	0	0	0	2.65
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.585	0	0	0	0	0	0	0	0	0	0.585
0	2.5	0	0	0	0	0	0	0	0	2.5
0.587	0	0	0	0	0	0	0	0	0	0.587
0.587	0	0	0	0	0	0	0	0	0	0.587
0	0	0	0	0	0	0	0	0	0	0
0.633	0	0	0	0	0	0	0	0	0	0.633
0.36	0	0	0	0	0	0	0	0	0	0.36
0.869	0	0	0	0	0	0	0	0	0	0.869
0.766	0	0	0	0	0	0	0	0	0	0.766
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Difference between PY22 & PY23 (MVA)										
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0	0	0	0	0	0	0	0	
0.9	0	0	0	0	0	0	0	0	0.9	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
-1.56	2.8	0	0	0	0	0	0	0	1.24	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.48	0	0	0	0	0	0	0	0	0.48	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.114	0	0	0	0	0	0	0	0	0.114	-73.43%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	-25.00%
0	0	0	0	0	0	0	0	0	0	-33.33%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.611	0	0	0	0	0	0	0	0	0.611	0.00%
0.216	0	0	0	0	0	0	0	0	0.216	-78.93%
0.389	0	0	0	0	0	0	0	0	0.389	-22.20%
0.66	0	0	0	0	0	0	0	0	0.66	0.00%
0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	1	0.00%
0.593	0	0	0	0	0	0	0	0	0.593	0.00%
0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0.15	0.00%
0.0065	0	0	0	0	0	0	0	0	0.0065	0.00%
0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0.15	0.00%
0.15	0	0	0	0	0	0	0	0	0.15	0.00%
0.5	0	0	0	0	0	0	0	0	0.5	-28.57%
0.422	0	0	0	0	0	0	0	0	0.422	46.53%
0	0.5	0	0	0	0	0	0	0	0.5	0.00%
0.25	0	0	0	0	0	0	0	0	0.25	100.00%
0.656	0	0	0	0	0	0	0	0	0.656	0.00%
0	0.372	0	0	0	0	0	0	0	0.372	-33.33%
0	0	0	0	0	0	0	0	0	0	
-16	-16	-16	0	32	16	0	0	0	0	-12.50%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0.039	0	0	0	0	0	0	0	0	0.039	7.20%
0	0.95	0	0	0	0	0	0	0	0.95	0.00%
0	0	-0.4	0.4	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
-0.175	0.18	0	0	0	0	0	0	0	0.005	2.86%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	-1	1	0	0	0	0	0	0	0	0.00%
0.121	0	0	0	0	0	0	0	0	0.121	-81.67%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0.8	0.00%
0	0	0	0	0	0	0	0	0	0	-57.14%
-0.45	1.05	0	0	0	0	0	0	0	0.6	-29.31%
-0.819	0.5	0	0	0	0	0	0	0	-0.319	-32.22%
3	0	0	0	0	0	0	0	0	3	0.00%
-1.935	3.325	0	0	0	0	0	0	0	1.39	71.83%
2.65	0	0	0	0	0	0	0	0	2.65	6.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.585	0	0	0	0	0	0	0	0	0.585	-13.33%
0	2.5	0	0	0	0	0	0	0	2.5	0.00%
0.587	0	0	0	0	0	0	0	0	0.587	38.12%
0.587	0	0	0	0	0	0	0	0	0.587	17.40%
0	0	0	0	0	0	0	0	0	0	
0.633	0	0	0	0	0	0	0	0	0.633	3.26%
0.36	0	0	0	0	0	0	0	0	0.36	16.88%
0.004	0	0	0	0	0	0	0	0	0.004	0.46%
0.766	0	0	0	0	0	0	0	0	0.766	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2021-10-15	2022-01-01	2022-01-01	
Deferred3	0.9	2021-10-15	2023-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
No		2021-10-15	2024-01-01	2024-01-01	
No		2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2023-01-01	2021-09-16	
N/A		2021-10-15	2023-01-01	2021-09-01	
N/A		2021-10-15	2023-01-01	2021-09-01	
Deferred3	4.04	2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2024-01-01	2024-01-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
Deferred3	0.48	2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2024-01-01	2024-01-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
Deferred3	0.429	2021-10-15	2023-01-01	2023-01-01	
No		2021-10-15	2023-01-01	2023-01-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2024-01-01	2024-01-01	
N/A		2021-10-15	2022-01-01	2022-06-01	
N/A		2021-10-15	2022-01-01	2022-06-01	
N/A		2021-10-15	2023-01-01	2023-01-01	
No		2021-10-15	2023-01-01	2022-06-01	
No		2021-10-15	2023-01-01	2022-06-01	
N/A		2021-10-15	2023-01-01	2021-09-01	
N/A		2021-10-15	2023-01-01	2021-09-01	
N/A		2021-10-15	2022-01-01	2022-01-01	
N/A		2021-10-15	2022-01-01	2021-10-15	
No		2021-10-15	2023-01-01	2021-10-15	
Deferred3	1.025	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.5	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.66	2021-10-15	2023-01-01	2021-10-15	
N/A		2021-10-15	2022-01-01	2021-10-15	
Deferred3	1	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.593	2021-10-15	2023-01-01	2021-10-15	
N/A		2021-10-15	2026-01-01	2021-10-15	
Deferred3	0.15	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.0065	2021-10-15	2023-01-01	2021-10-15	
N/A		2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.15	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.15	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.7	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.288	2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.5	2021-10-15	2023-01-01	2023-01-01	
No		2021-10-15	2023-01-01	2021-10-15	
Deferred3	0.656	2021-10-14	2023-01-01	2023-12-31	
Deferred3	0.558	2021-10-14	2024-01-01	2023-03-01	
N/A		2021-10-14	2023-01-01	2023-01-01	
Deferred3	96	2021-10-14	2024-01-01	2024-01-01	Modified
No		2021-10-14	2023-01-01	2023-04-28	
N/A		2021-10-14	2024-01-01	2024-01-01	
No		2021-10-14	2023-01-01	2023-01-01	
Deferred3	0.95	2021-10-14	2023-01-01	2023-01-01	
Deferred3	0.4	2021-10-14	2026-01-01	2026-01-01	
N/A		2021-10-14	2022-01-01	2021-10-29	
Deferred3	0.175	2021-10-14	2024-01-01	2024-01-01	
No		2021-10-14	2023-01-01	2023-01-01	
N/A		2021-10-14	2022-01-01	2022-01-01	
Deferred3	1	2021-10-14	2025-01-01	2025-01-01	
Deferred3	0.66	2021-10-14	2023-01-01	2021-10-14	
N/A		2021-10-14	2023-01-01	2023-01-01	
N/A		2021-10-14	2023-01-01	2023-01-01	
N/A		2021-10-14	2023-01-01	2023-01-01	Changed circuit
N/A		2021-10-14	2023-01-01	2023-06-01	
Deferred3	0.8	2021-10-14	2023-01-01	2021-10-14	
No		2021-10-14	2024-01-01	2021-10-14	
Deferred3	2.9	2021-10-14	2023-01-01	2021-09-01	
Deferred1	0.5	2021-10-14	2023-01-01	2021-10-14	
Deferred3	3	2021-10-14	2023-01-01	2021-10-14	
Deferred3	1.935	2021-10-14	2024-01-01	2024-01-01	This project was marked as cancelled in Jan. 22, but Tesla revived this project and it is now moving forward. Tesla change
Deferred3	2.5	2021-10-14	2023-01-01	2021-10-14	
N/A		2021-10-14	2022-01-01	2021-10-14	
N/A		2021-10-14	2022-01-01	2021-10-14	
Deferred3	0.675	2021-10-14	2023-01-01	2021-10-14	
Deferred3	2.5	2021-10-14	2024-01-01	2021-10-14	
Deferred3	0.425	2021-10-14	2023-01-01	2021-10-14	
Deferred3	0.5	2021-10-14	2023-01-01	2021-10-14	
N/A		2021-10-14	2023-01-01	2021-10-14	
Deferred3	0.613	2021-10-14	2023-01-01	2021-10-14	
Deferred3	0.308	2021-10-14	2023-01-01	2021-10-14	
No		2021-10-14	2023-01-01	2021-10-14	
Deferred3	0.766	2021-10-14	2023-01-01	2021-10-14	
N/A		2021-10-14	2022-01-01	2021-10-14	
N/A		2021-10-14	2022-01-01	2024-01-15	
N/A		2021-10-14	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2023-01-01	2023-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
550590	Atmore	Completed	Residential	Home Construction	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
550589	Ricardo	Completed	Residential	Home Construction	Embedded	0.75	0	0	0.24	0	0	0	0	0	0	0	0.24
550588	Wigton	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	1.1	0	0	0	0	0	0	0	1.1
550586	Vineyard	Completed	Residential	Home Construction	Embedded	0.75	0	0.115	0	0	0	0	0	0	0	0	0.115
550585	Pedro	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0	1.5	0	0	0	0	0	0	1.5
550583	San Nicholas	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
550582	Reimann	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.45	0	0	0	0	0	0	0	0	0.45
550581	Vineyard	Completed	Residential	Home Construction	Embedded	0.75	0	0.114	0	0	0	0	0	0	0	0	0.114
550580	Seminary	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	1.6	0	0	0	0	0	0	0	1.6
550579	Amanda	Completed	Residential	Home Construction	Embedded	0.75	0	0	0.36	0	0	0	0	0	0	0	0.36
550578	Atmore	Cancelled	Transportation	LD EV	Incremental	1	0.45	0	0	0	0	0	0	0	0	0	0.45
550576	Alfredo	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550574	Flynn	Completed	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
550573	Adolfo	Completed	Commercial	Education	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
550572	Adolfo	Completed	Commercial	Education	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
550571	Adolfo	Completed	Industrial	Plants	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
550570	Adolfo	Completed	Commercial	Business	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
550569	Redstone	Completed	Commercial	Education	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
550567	Redstone	Completed	Commercial	Business	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
550567	Mugu	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550565	Onaga	Completed	Commercial	Business	Embedded	0.75	0	0.2	0	0	0	0	0	0	0	0	0.2
550564	Admiral	Completed	Commercial	Business	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
550563	Huevos	Cancelled	Commercial	Business	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
550558	Redwood	New	Commercial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
550557	Bamboo	Completed	Commercial	Business	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
550556	Chang	Completed	Industrial	Facilities	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
550555	Winnebago	Completed	Commercial	Business	Embedded	0.75	0.88	0	0	0	0	0	0	0	0	0	0.88
550554	Lytle	Completed	Industrial	Plants	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550553	Impala	Ongoing	Commercial	Other	Embedded	0.75	0	0.8	0	0	0	0	0	0	0	0	0.8
550552	Kraft	Completed	Commercial	Other	Embedded	0.75	0.218	0	0	0	0	0	0	0	0	0	0.218
550551	Spike	Completed	Residential	Other	Embedded	0.75	0.198	0	0	0	0	0	0	0	0	0	0.198
550550	Chevelle	Completed	Transportation	LD EV	Incremental	0.75	0.192	0	0	0	0	0	0	0	0	0	0.192
550549	Belushi	Ongoing	Commercial	Education	Embedded	0.75	0	0.73	0	0	0	0	0	0	0	0	0.73
550548	Dynamics	Completed	Industrial	Facilities	Embedded	0.75	5.5	0	0	0	0	0	0	0	0	0	5.5
550547	Bamboo	Completed	Commercial	Business	Embedded	0.75	0.383	0	0	0	0	0	0	0	0	0	0.383
550546	Ironhorse	Completed	Commercial	Other	Embedded	0.75	0.232	0	0	0	0	0	0	0	0	0	0.232
550545	Winnebago	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
550544	Casals	Completed	Industrial	Facilities	Embedded	0.75	1.949	0	0	0	0	0	0	0	0	0	1.949
550543	Susan	Completed	Commercial	Business	Embedded	0.75	0.44	0	0	0	0	0	0	0	0	0	0.44
550542	Terra	Ongoing	Commercial	Business	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
550541	Midori	Completed	Commercial	Business	Embedded	0.75	0.06	0	0	0	0	0	0	0	0	0	0.06
550540	Heather	Completed	Commercial	Other	Embedded	0.75	0.232	0	0	0	0	0	0	0	0	0	0.232
550539	Marble	Completed	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
550538	Flatcar	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550537	Federer	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550536	Wigwag	Completed	Commercial	Business	Embedded	0.75	0.09	0	0	0	0	0	0	0	0	0	0.09
550535	Winnebago	Completed	Industrial	Facilities	Embedded	0.75	2.45	0	0	0	0	0	0	0	0	0	2.45
550534	Turntable	Ongoing	Commercial	Business	Embedded	0.75	0	1.004	0	0	0	0	0	0	0	0	1.004
550533	Zimmer	Completed	Commercial	Other	Embedded	0.75	0.951	0	0	0	0	0	0	0	0	0	0.951
550532	Mora	Completed	Commercial	Other	Embedded	0.75	2.226	0	0	0	0	0	0	0	0	0	2.226
550531	Fury	Completed	Commercial	Business	Embedded	0.75	0.062	0	0	0	0	0	0	0	0	0	0.062
550530	Gilfillan	Completed	Industrial	Facilities	Embedded	0.75	0.51	0	0	0	0	0	0	0	0	0	0.51
550529	Drone	Ongoing	Industrial	Plants	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
550528	Fleetwood	Ongoing	Industrial	Plants	Embedded	0.75	0	2.5	0	0	0	0	0	0	0	0	2.5
550527	Dangerfield	Ongoing	Industrial	Plants	Embedded	0.75	0	1.7	0	0	0	0	0	0	0	0	1.7
550526	Red Barn	Ongoing	Commercial	Business	Embedded	0.75	0.756	0	0	0	0	0	0	0	0	0	0.756
550525	Ballast	New	Commercial	Education	Embedded	1	0	0	0	0	0	0	0	0	0	0	0
550525	Torson	Completed	Commercial	Education	Embedded	1	0.619	0.844	0.324	1.598	2.056	0	0	0	0	0	5.441
550524	Shangrila	Cancelled	Transportation	MD/HD EV	Incremental	0.75	0.221	0	0	0	0	0	0	0	0	0	0.221
550523	Rocket Town	Cancelled	Commercial	Education	Embedded	0.75	0.828	0	0	0	0	0	0	0	0	0	0.828
550522	Joslyn	Ongoing	Industrial	Cultivation	Incremental	0.75	1.1	0	0	0	0	0	0	0	0	0	1.1
550521	Pint	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
550520	Crumville	Cancelled	Residential	Home Construction	Embedded	0.75	0	0.342	0	0	0	0	0	0	0	0	0.342
550519	Goldpan	Ongoing	Industrial	Facilities	Embedded	0.75	0	2.16	2.75	0	0	0	0	0	0	0	4.91
550518	Aries	Ongoing	Commercial	Other	Incremental	0.75	0.345	0	0	0	0	0	0	0	0	0	0.345
550517	Doerner	Ongoing	Commercial	Other	Embedded	0.75	1.55	0	0	0	0	0	0	0	0	0	1.55
550516	Slate	Cancelled	Commercial	Other	Embedded	0.75	0	1.25	1.25	0	0	0	0	0	0	0	2.5
550515	Nelles	Ongoing	Commercial	Other	Embedded	0.75	0	0.927	0	0	0	0	0	0	0	0	0.927
550514	Slate	Ongoing	Transportation	LD EV	Incremental	1	1.4	0	3.533	0	0	0	0	0	0	0	4.933
550513	Pahrump	Ongoing	Industrial	Cultivation	Incremental	0.75	0.172	0	0	0	0	0	0	0	0	0	0.172
550512	Peso	Ongoing	Commercial	Business	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
550511	Belpac	Completed	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
550510	Everett	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550508	Janss	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550506	Julep	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550505	Seacliff	Completed	Industrial	Plants	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
550504	Vallecito	Completed	Commercial	Other	Embedded	0.75	0.375	0	0	0	0	0	0	0	0	0	0.375
550503	Hot Springs	Completed	Commercial	Education	Embedded	0.75	0.662	0	0	0	0	0	0	0	0	0	0.662
550501	Padre	Completed	Residential	Home Construction	Embedded	0.75	0.31	0	0	0	0	0	0	0	0	0	0.31
550500	Storke	Cancelled	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550499	Gaucho	Cancelled	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550497	Sheffield	Cancelled	Industrial	Cultivation	Incremental	0.75	1.13	0	0	0	0	0	0	0	0	0	1.13
550496	Seacliff	Completed	Agriculture	Agriculture	Embedded	0.75	0	1.7	0	0	0	0	0	0	0	0	1.7
550494	Sheffield	Completed	Industrial	Other	Embedded	0.75	0.226	0	0	0	0	0	0	0	0	0	0.226
550493	Vallecito	Completed	Industrial	Cultivation	Incremental	0.75	0.553	0	0	0	0	0	0	0	0	0	0.553
550492	Vallecito	Completed	Residential	Home Construction	Embedded	0.75	0.46	0	0	0	0	0	0	0	0	0	0.46
550489	Galahad	Ongoing	Transportation	LD EV	Incremental	1	1.355	0	0	0	0	0	0	0	0	0	1.355
550488	Prado	Completed	Commercial	Business	Embedded	0.75	0.325	0	0	0	0	0	0	0	0	0	0.325
550487	Martinelli	Completed	Commercial	Business	Embedded	0.75	0.325	0	0	0	0	0	0	0	0	0	0.325
550486	Fizz	Cancelled	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550485	Johnboy	Completed	Industrial	Plants	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550484	Basenji	Cancelled	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
550483	Byer	Ongoing	Industrial	Facilities	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
550482	Potash	Completed	Transportation	LD EV	Incremental	1	0.15	0	0	0	0	0	0	0	0	0	0.15
550481	Cassidy	Completed	Commercial	Business	Embedded	0.75	0.179	0	0	37	0	0	0	0	0	0	0.179

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0.368	0	0	0	0	0	0	0	0	0.368
0	0	0	0	0	0	0	0	0	0	0
0	0	1.224	0	0	0	0	0	0	0	1.224
0	0.15	0	0	0	0	0	0	0	0	0.15
0	0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0	1.6	0	0	0	0	0	0	0	0	1.6
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.33	0	0	0	0	0	0	0	0	0	0.33
0	0	0	0	0	0	0	0	0	0	0

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2021-10-13	2023-01-01	2023-01-01	
N/A		2021-10-13	2024-01-01	2024-01-01	
No		2021-10-13	2024-01-01	2023-09-01	
N/A		2021-10-13	2023-01-01	2023-01-01	
No		2021-10-13	2025-01-01	2023-09-01	
Deferred3	0.75	2021-10-13	2024-01-01	2023-09-01	
Deferred3	0.45	2021-10-13	2024-01-01	2024-01-01	
N/A		2021-10-13	2023-01-01	2023-01-01	
No		2021-10-13	2024-01-01	2024-06-01	
N/A		2021-10-13	2024-01-01	2024-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
Deferred3	0.33	2021-10-13	2023-01-01	2023-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2023-01-01	2023-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2024-01-01	2024-01-01	
N/A		2021-10-13	2023-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2021-01-01	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2023-01-01	2023-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
No		2021-10-13	2023-01-01	2023-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
No		2021-10-13	2023-01-01	2023-06-01	
N/A		2021-10-13	2022-01-01	2021-12-30	
N/A		2021-10-13	2022-01-01	2021-12-30	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
No		2021-10-13	2023-01-01	2022-12-30	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2021-12-30	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2021-12-30	
No		2021-10-13	2023-01-01	2021-12-30	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
N/A		2021-10-13	2022-01-01	2022-06-01	
No		2021-10-13	2023-01-01	2022-12-30	
No		2021-10-13	2023-01-01	2023-01-01	
No		2021-10-13	2023-01-01	2023-06-01	
Deferred3	0.756	2021-10-13	2023-01-01	2022-01-01	
N/A		2021-10-13	2024-01-01	2021-10-13	
N/A		2021-10-13	2022-01-01	2021-10-13	
N/A		2021-10-13	2022-01-01	2022-01-01	
N/A		2021-10-13	2022-01-01	2022-06-30	
Deferred3	1.1	2021-10-13	2023-01-01	2021-10-13	
No		2021-10-13	2023-01-01	2021-10-13	
N/A		2021-10-13	2023-01-01	2023-01-01	
No		2021-10-13	2023-01-01	2021-09-30	
Deferred3	0.345	2021-10-13	2023-01-01	2021-09-01	
Deferred3	1.55	2021-10-13	2024-01-01	2021-10-13	
N/A		2021-10-13	2023-01-01	2021-09-01	
No		2021-10-13	2023-01-01	2021-10-13	
Deferred3	4.933	2021-10-13	2024-01-01	2021-09-01	
Deferred3	0.172	2021-10-13	2023-01-01	2023-06-30	
Deferred3	0.15	2021-10-13	2023-01-01	2023-06-30	
N/A		2021-10-13	2022-01-01	2022-06-01	
Deferred3	0.33	2021-10-13	2023-01-01	2022-12-15	
N/A		2021-10-13	2022-01-01	2022-06-01	
Deferred3	0.33	2021-10-12	2023-01-01	2021-11-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2023-01-01	2023-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
Deferred3	1.355	2021-10-12	2023-01-01	2023-01-01	
N/A		2021-10-12	2022-01-01	2027-01-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
N/A		2021-10-12	2022-01-01	2021-09-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
N/A		2021-10-12	2022-01-01	2021-09-01	
Deferred3	0.75	2021-10-12	2027-01-01	2022-06-01	
N/A		2021-10-12	2022-01-01	2021-12-31	
N/A		2021-10-12	2022-01-01	2022-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
550479	Slate	Ongoing	Commercial	Education	Embedded	0.75	1.075	0	0	0	0	0	0	0	0	0	1.075
550478	Keeline	Completed	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	1.733	0	0	0	1.733
550477	Cassidy	Cancelled	Commercial	Business	Embedded	0.75	0.889	0.534	0.356	0	0	0	0	0	0	0	1.779
550476	Pampas	Ongoing	Commercial	Business	Embedded	0.75	0	0	0	0	0.5	1	1	0	0	0	2.5
550475	Sorrento	Completed	Commercial	Business	Embedded	0.75	0	0.833	0.833	0.833	0	0	0	0	0	0	2.499
550474	Moreland	Completed	Commercial	Business	Embedded	0.75	0.15	0.15	0.15	0	0	0	0	0	0	0	0.45
550473	Stearns	Completed	Residential	Home Construction	Embedded	0.75	0	0.504	0.504	0	0	0	0	0	0	0	1.008
550472	Horizon	Completed	Industrial	Facilities	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
550471	Terrier	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
550470	Bertea	Ongoing	Transportation	LD EV	Incremental	1	0	1.355	0	0	0	0	0	0	0	0	1.355
550468	Level	Ongoing	Industrial	Facilities	Embedded	0.75	1.466	0	0	0	0	0	0	0	0	0	1.466
550467	Ballard	Completed	Commercial	Business	Embedded	0.75	0.4	0.4	0	0	0	0	0	0	0	0	0.8
550466	Triumph	Completed	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
550465	Almansor	Ongoing	Residential	Other	Embedded	0.75	0	0.75	0.75	0	0	0	0	0	0	0	1.5
550464	Spillway	Completed	Agriculture	Agriculture	Embedded	0.75	0.67	0	0	0	0	0	0	0	0	0	0.67
550463	Bobsled	Ongoing	Residential	Home Construction	Embedded	1	0.16	0.04	0	0	0	0	0	0	0	0	0.2
550462	Ambrus	Ongoing	Residential	Other	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
550461	Bobsled	Cancelled	Commercial	Business	Embedded	0.75	0	0	3	0	0	0	0	0	0	0	3
550460	Autumn	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.4	0.4	0.4	0.4	0	0	0	0	0	1.6
550459	Spillway	Ongoing	Industrial	Facilities	Embedded	0.75	0	4	0	0	0	0	0	0	0	0	4
550458	Barbara	Completed	Commercial	Business	Embedded	0.75	0	0	0.3	0	0	0	0	0	0	0	0.3
550457	Gainsborough	Completed	Commercial	Business	Embedded	0.75	0.42	0	0	0	0	0	0	0	0	0	0.42
550456	Gregg	Completed	Commercial	Health Care	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
550455	Willard	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550454	Marendale	Ongoing	Commercial	Business	Embedded	0.75	0	0	1.6	0	0	0	0	0	0	0	1.6
550453	Tigris	Completed	Agriculture	Agriculture	Embedded	0.75	0.98	0	0	0	0	0	0	0	0	0	0.98
550452	Cree	Completed	Industrial	Facilities	Embedded	0.75	0	1.311	0.8	0	0	0	0	0	0	0	2.111
550452	Monson	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
550452	Effie	Ongoing	Industrial	Facilities	Embedded	0.75	0	1.311	0.6	0	0	0	0	0	0	0	1.911
550451	Tips	Completed	Transportation	LD EV	Incremental	0.75	0.33	0	0	0	0	0	0	0	0	0	0.33
550450	Copperhead	Cancelled	Transportation	LD EV	Incremental	0.75	0	1.625	0	0	0	0	0	0	0	0	1.625
550449	Copperhead	Cancelled	Transportation	LD EV	Incremental	0.75	0	0.813	0	0	0	0	0	0	0	0	0.813
550448	Redbanks	Completed	Industrial	Cultivation	Incremental	0.75	1.66	1.66	0	0	0	0	0	0	0	0	3.32
550448	Seville	Ongoing	Industrial	Cultivation	Incremental	0.75	0.98	1.96	0	0	0	0	0	0	0	0	2.94
548544	Marendale	Completed	Commercial	Other	Embedded	0.75	0	1	0	0	0	0	0	0	0	0	1
548543	Willard	Ongoing	Commercial	Other	Embedded	0.75	0	0	0.6	0	0	0	0	0	0	0	0.6
548541	Fig	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
548541	Hurstview	Cancelled	Residential	Home Construction	Embedded	0.75	0	0	2	0	0	0	0	0	0	0	2
548541	Kieway	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
548540	Bateman	Ongoing	Residential	Home Construction	Embedded	0.75	0	1.7	0	0	0	0	0	0	0	0	1.7
548539	La Porte	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
548538	Elmer	Ongoing	Commercial	Other	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
548537	Olney	Completed	Commercial	Other	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
548535	Moritz	Ongoing	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
548534	Lettuce	Ongoing	Industrial	Cultivation	Incremental	1	0	5.58	0	0	5.99	5.58	0	0	5.99	0	23.14
548533	Danby	Completed	Transportation	LD EV	Incremental	1	0.7	0	0	0	0	0	0	0	0	0	0.7
548532	Nomex	Completed	Commercial	Education	Embedded	1	0.471	0	0	0	0	0	0	0	0	0	0.471
548531	Vengeance	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
548530	Flame	Completed	Commercial	Other	Embedded	0.75	0.221	0	0	0	0	0	0	0	0	0	0.221
548528	Dalmatian	Completed	Commercial	Business	Embedded	0.75	0.0703	0	0	0	0	0	0	0	0	0	0.0703
548527	Marbuck	Ongoing	Industrial	Facilities	Embedded	1	0.4	0	0	0	0	0	0	0	0	0	0.4
548526	Ladder	Completed	Commercial	Business	Embedded	0.75	0.092	0	0	0	0	0	0	0	0	0	0.092
548525	Clutch	Ongoing	Commercial	Other	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
548524	Maize	Ongoing	Commercial	Business	Embedded	0.75	0.548	0	0	0	0	0	0	0	0	0	0.548
548523	Helmet	Ongoing	Commercial	Business	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
548522	Borba	Ongoing	Commercial	Business	Embedded	0.75	0.329	0	0	0	0	0	0	0	0	0	0.329
548521	Calmen	Completed	Commercial	Business	Embedded	1	2.132	0	0	0	0	0	0	0	0	0	2.132
548520	Flame	Completed	Industrial	Facilities	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
548519	Blackwidow	Ongoing	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
548518	Deacano	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
548517	Hose	Completed	Commercial	Business	Embedded	0.75	0.703	0	0	0	0	0	0	0	0	0	0.703
548516	Dalmatian	Completed	Commercial	Business	Embedded	0.75	0.407	0	0	0	0	0	0	0	0	0	0.407
548515	Dairyman	Ongoing	Commercial	Business	Embedded	0.75	0.375	0	0	0	0	0	0	0	0	0	0.375
548514	Serranos	Completed	Industrial	Facilities	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
548513	Dalmatian	Ongoing	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
548512	Mosquito	Ongoing	Commercial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
548511	Havoc	Ongoing	Residential	Home Construction	Embedded	0.75	0.31	0.37	0	0	0	0	0	0	0	0	0.68
548510	Tile	Ongoing	Commercial	Other	Embedded	0.75	1.116	0	0	0	0	0	0	0	0	0	1.116
548509	Bonview	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.254	0	0	0	0	0	0	0	0	0.254
548508	Dessau	Ongoing	Commercial	Other	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
548507	Ballzak	Completed	Commercial	Other	Embedded	1	0.409	0	0	0	0	0	0	0	0	0	0.409
548506	Ballzak	Completed	Industrial	Facilities	Embedded	1	0.7	0	0	0	0	0	0	0	0	0	0.7
548505	Helmet	Completed	Industrial	Plants	Embedded	1	1.446	0	0	0	0	0	0	0	0	0	1.446
548504	Siren	Ongoing	Commercial	Business	Embedded	0.75	1.831	0	0	0	0	0	0	0	0	0	1.831
548503	Bonview	Ongoing	Commercial	Business	Embedded	0.75	0.407	0	0	0	0	0	0	0	0	0	0.407
548502	Dairyman	Completed	Industrial	Facilities	Embedded	0.75	0.562	0	0	0	0	0	0	0	0	0	0.562
548501	Tigercat	Ongoing	Residential	Home Construction	Embedded	1	1.194	0	0	0	0	0	0	0	0	0	1.194
548500	Canby	Ongoing	Residential	Home Construction	Embedded	0.75	0.43	0	0	0	0	0	0	0	0	0	0.43
548499	Canby	Ongoing	Residential	Home Construction	Embedded	0.75	0.413	0	0	0	0	0	0	0	0	0	0.413
548498	Hexnut	Cancelled	Transportation	LD EV	Incremental	1	1.625	0	0	0	0	0	0	0	0	0	1.625
548497	Hazelnut	Cancelled	Transportation	LD EV	Incremental	1	1.625	0	0	0	0	0	0	0	0	0	1.625
548496	Antler	Ongoing	Commercial	Business	Embedded	0.75	0	1.12	0	0	0	0	0	0	0	0	1.12
548495	Lawson	Completed	Industrial	Facilities	Embedded	0.75	1.75	0	0	0	0	0	0	0	0	0	1.75
548494	Hobo	Completed	Industrial	Facilities	Embedded	0.75	0.86	0	0	0	0	0	0	0	0	0	0.86
548493	Trident	Completed	Commercial	Business	Embedded	0.75	0	3.2	0	0	0	0	0	0	0	0	3.2
548492	Parcells	Ongoing	Industrial	Facilities	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
548491	Fernstrom	Ongoing	Industrial	Facilities	Embedded	0.75	0.31	0	0	0	0	0	0	0	0	0	0.31
548490	Chime	Completed	Industrial	Facilities	Embedded	0.75	0.36	0	0	0	0	0	0	0	0	0	0.36
548489	La Salle	Completed	Commercial	Health Care	Embedded	0.75	0.747	0	0	0	0	0	0	0	0	0	0.747
548487	Stig	Ongoing	Transportation	LD EV	Incremental	1	0	1.355	0	0	0	0	0	0	0	0	1.355
548486	Saber	Completed	Agriculture	Agriculture	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
548485	Klamath	Completed	Agriculture	Agriculture	Embedded	0.75	0.265	0	0	0	0	0	0	0	0	0	0.265
548484	Calvo	Cancelled	Transportation	LD EV	Incremental	0.75	0	1.355	0	0	0	0	0	0	0	0	1.355
548483	Bilton	Completed	Commercial	Other	Embedded	0.75	0.85	0	0	0	0	0	0	0	0	0	0.85
548482	Bilton	Completed	Commercial	Other	Embedded	0.75	0.85	0	0	0	0	0	0	0	0	0	0.85

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.75	0	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0	0	0	0.75	-30.23%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	2.5	2.5	2.5	5	0	12.5	0	0	0	-0.5	-1	1.5	2.5	2.5	5	10	400.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0	0	0	0.33	0.00%
1.355	0	0	0	0	0	0	0	0	0	1.355	0	0	0	0	0	0	0	0	0	0	0.00%
1.466	0	0	0	0	0	0	0	0	0	1.466	1.466	0	0	0	0	0	0	0	0	1.466	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0.75	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.04	0	0	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0	0	0	0	-80.00%
2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0.4	0.4	0.4	0	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0.00%
4	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	
0	1.6	0	0	0	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
2	1	0	0	0	0	0	0	0	0	3	0.689	0.4	0	0	0	0	0	0	0	1.089	56.99%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	1.96	0.98	0	0	0	0	0	0	0	2.94	-1.96	1.96	0.98	0	0	0	0	0	0	0.98	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.6	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0.00%
0	1.237	0	0	0	0	0	0	0	0	1.237	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.739	0	0	0	0	0	0	0	0	0.739	0	0	0	0	0	0	0	0	0	0	
1.7	0	0	0	0	0	0	0	0	0	1.7	0	0	0	0	0	0	0	0	0	0	0.00%
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.00%
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0.3	0.00%
5.58	0	0	5.99	5.58	0	0	5.99	0	0	23.14	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0.4	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0	0	0	0.15	0.00%
0.548	0	0	0	0	0	0	0	0	0	0.548	0.548	0	0	0	0	0	0	0	0	0.548	0.00%
0.163	0	0	0	0	0	0	0	0	0	0.163	0.163	0	0	0	0	0	0	0	0	0.163	0.00%
0	0.137	0	0	0	0	0	0	0	0	0.137	0	0.137	0	0	0	0	0	0	0	0.137	-58.36%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0.15	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.042	0	0	0	0	0	0	0	0	0	0.042	0.042	0	0	0	0	0	0	0	0	0.042	-88.80%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0	2.5	0.00%
0.75	0	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0.37	0	0	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	0	-45.59%
1.116	0	0	0	0	0	0	0	0	0	1.116	1.116	0	0	0	0	0	0	0	0	1.116	0.00%
0.326	0	0	0	0	0	0	0	0	0	0.326	0.072	0	0	0	0	0	0	0	0	0.072	28.35%
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.831	0	0	0	0	0	0	0	0	0	1.831	1.831	0	0	0	0	0	0	0	0	1.831	0.00%
0.41	0	0	0	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0	0	0	0.41	0.74%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.194	0	0	0	0	0	0	0	0	0	1.194	1.194	0	0	0	0	0	0	0	0	1.194	0.00%
0.43	0	0	0	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0	0	0	0.43	0.00%
0.413	0	0	0	0	0	0	0	0	0	0.413	0.413	0	0	0	0	0	0	0	0	0.413	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.12	0	0	0	0	0	0	0	0	0	1.12	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0.31	0	0	0	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0	0	0	0.31	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	1.084	0	0	0	0	0	0	0	0	1.084	-1.355	1.084	0	0	0	0	0	0	0	-0.271	-20.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
Deferred3	1.075	2021-10-12	2023-01-01	2021-09-01	
N/A		2021-10-12	2028-01-01	2021-09-01	
N/A		2021-10-12	2022-01-01	2024-12-31	
Deferred3	2.5	2021-10-12	2028-01-01	2028-06-01	
N/A		2021-10-12	2023-01-01	2022-06-01	
N/A		2021-10-12	2022-01-01	2022-01-01	
N/A		2021-10-12	2023-01-01	2023-01-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
Deferred3	0.33	2021-10-12	2023-01-01	2021-06-21	
No		2021-10-12	2023-01-01	2023-05-01	
Deferred3	1.466	2021-10-12	2023-01-01	2022-03-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
No		2021-10-12	2023-01-01	2023-06-01	
N/A		2021-10-12	2022-01-01	2022-06-01	
No		2021-10-12	2023-01-01	2021-10-12	
No		2021-10-12	2023-01-01	2022-11-01	
N/A		2021-10-12	2024-01-01	2021-10-12	
No		2021-10-12	2023-01-01	2021-10-12	
No		2021-10-11	2023-01-01	2023-02-01	
N/A		2021-10-11	2024-01-01	2023-09-01	
N/A		2021-10-11	2022-01-01	2022-01-01	
N/A		2021-10-11	2022-01-01	2022-02-01	
N/A		2021-10-11	2023-01-01	2023-06-01	
No		2021-10-11	2024-01-01	2022-09-01	
N/A		2021-10-11	2022-01-01	2022-05-01	
N/A		2021-10-11	2023-01-01	2022-12-31	
N/A		2021-10-11	2023-01-01	2022-12-31	
No		2021-10-11	2023-01-01	2022-12-31	
N/A		2021-10-11	2022-01-01	2021-12-01	
N/A		2021-10-11	2023-01-01	2023-06-01	
N/A		2021-10-11	2023-01-01	2023-06-01	
N/A		2021-10-11	2022-01-01	2022-12-31	
Deferred3	2.94	2021-10-11	2024-01-01	2022-12-31	
N/A		2021-10-11	2023-01-01	2023-06-01	
No		2021-10-11	2024-01-01	2023-09-01	
N/A		2021-10-11	2024-01-01	2024-01-01	
N/A		2021-10-11	2024-01-01	2024-01-01	
N/A		2021-10-11	2024-01-01	2024-01-01	
No		2021-10-11	2023-01-01	2023-06-01	
No		2021-10-11	2023-01-01	2022-09-01	
No		2021-10-11	2023-01-01	2022-09-01	
N/A		2021-10-10	2022-01-01	2022-06-01	
Deferred3	0.3	2021-10-10	2023-01-01	2022-06-01	
No		2021-10-10	2023-01-01	2023-06-30	
N/A		2021-10-10	2022-01-01	2022-01-21	
N/A		2021-10-08	2022-01-01	2022-01-01	
N/A		2021-10-08	2023-01-01	2023-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2021-09-02	
Deferred3	0.4	2021-10-08	2023-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
Deferred3	0.15	2021-10-08	2023-01-01	2022-01-01	
Deferred3	0.548	2021-10-08	2023-01-01	2022-01-01	
Deferred3	0.163	2021-10-08	2023-01-01	2022-04-01	
Deferred3	0.329	2021-10-08	2024-01-01	2022-12-31	
N/A		2021-10-08	2022-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
Deferred3	0.3	2021-10-08	2023-01-01	2022-01-01	
N/A		2021-10-08	2023-01-01	2022-07-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
Deferred3	0.375	2021-10-08	2023-01-01	2022-07-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
Deferred3	2.5	2021-10-08	2023-01-01	2022-01-01	
Deferred3	0.75	2021-10-08	2023-01-01	2022-01-01	
No		2021-10-08	2023-01-01	2022-02-01	
Deferred3	1.116	2021-10-08	2023-01-01	2022-01-01	
No		2021-10-08	2023-01-01	2023-01-01	
No		2021-10-08	2023-01-01	2023-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2022-04-01	
N/A		2021-10-08	2022-01-01	2022-10-01	
Deferred3	1.831	2021-10-08	2023-01-01	2022-01-01	
Deferred3	0.407	2021-10-08	2023-01-01	2022-01-01	
N/A		2021-10-08	2022-01-01	2022-01-01	
Deferred3	1.194	2021-10-08	2023-01-01	2022-10-01	
Deferred3	0.43	2021-10-08	2023-01-01	2022-04-01	
Deferred3	0.413	2021-10-08	2023-01-01	2022-04-01	
N/A		2021-10-08	2022-01-01	2022-08-01	
N/A		2021-10-08	2022-01-01	2022-08-01	
No		2021-10-08	2023-01-01	2023-12-31	
N/A		2021-10-08	2022-01-01	2022-06-01	
N/A		2021-10-08	2022-01-01	2022-06-01	
N/A		2021-10-08	2023-01-01	2022-12-31	
Deferred3	0.3	2021-10-08	2023-01-01	2021-11-22	
Deferred3	0.31	2021-10-08	2023-01-01	2021-11-22	
N/A		2021-10-08	2022-01-01	2021-11-22	
N/A		2021-10-08	2022-01-01	2021-11-30	
Deferred3	1.355	2021-10-07	2024-01-01	2023-09-30	
N/A		2021-10-07	2022-01-01	2022-01-01	
N/A		2021-10-07	2022-01-01	2022-01-01	
N/A		2021-10-07	2023-01-01	2023-01-01	
N/A		2021-10-07	2022-01-01	2022-06-01	
N/A		2021-10-07	2022-01-01	2022-03-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
548481	Cloer	Completed	Agriculture	Agriculture	Embedded	0.75	0.16	0	0	0	0	0	0	0	0	0	0.16
548480	Radnor	Completed	Agriculture	Agriculture	Embedded	0.75	0.275	0	0	0	0	0	0	0	0	0	0.275
548479	Macomber	Completed	Agriculture	Agriculture	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
548478	Pratt	Completed	Agriculture	Agriculture	Embedded	0.75	0.125	0	0	0	0	0	0	0	0	0	0.125
548477	Bushard	Completed	Transportation	LD EV	Incremental	1	0.813	0	0	0	0	0	0	0	0	0	0.813
548476	Coronado	Cancelled	Industrial	Facilities	Embedded	1	0	5.7	0	0	0	0	0	0	0	0	5.7
548475	Raven	Ongoing	Industrial	Cultivation	Incremental	0.75	2.647	0	0	0	0	0	0	0	0	0	2.647
548474	Raven	Ongoing	Industrial	Cultivation	Incremental	0.75	3.084	0	0	0	0	0	0	0	0	0	3.084
548473	Filbert	Ongoing	Industrial	Facilities	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
548472	Poker	Ongoing	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
548471	Beechnut	Ongoing	Industrial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
548470	Oklahoma	Cancelled	Transportation	LD EV	Incremental	1	0	0.625	1	0	0	0	0	0	0	0	1.625
548469	Pecan	Ongoing	Industrial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
548466	Cassini	Ongoing	Industrial	Cultivation	Incremental	0.75	0.9778	0	0	0	0	0	0	0	0	0	0.9778
548464	Tulip	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
548463	Lawrence	Ongoing	Commercial	Business	Embedded	0.75	0.625	0	0	0	0	0	0	0	0	0	0.625
548462	Cornnut	Ongoing	Commercial	Education	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
548461	Xerox	Completed	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
548460	Kappa	Ongoing	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
548458	Lisa Anne	Completed	Commercial	Other	Embedded	0.75	0.513	0	0	0	0	0	0	0	0	0	0.513
548457	Chartreuse	Ongoing	Commercial	Health Care	Embedded	0.75	0	1.63	0	0	0	0	0	0	0	0	1.63
548456	Larthien	Ongoing	Commercial	Health Care	Embedded	0.75	0.998	0	0	0	0	0	0	0	0	0	0.998
548455	Coach	Completed	Commercial	Other	Embedded	0.75	0	3.143	0	0	0	0	0	0	0	0	3.143
548454	Offside	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.675	0	0	0	0	0	0	0	0	0.675
548453	Electra	Ongoing	Transportation	LD EV	Incremental	0.75	0	1.625	0	0	0	0	0	0	0	0	1.625
548452	Banner	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
548452	No American	Completed	Industrial	Cultivation	Incremental	0.75	0	1.992	0	0	0	0	0	0	0	0	1.992
548451	Montana	Completed	Transportation	LD EV	Incremental	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
548450	Wutchumna	Completed	Residential	Home Construction	Embedded	0.75	0.425	0	0	0	0	0	0	0	0	0	0.425
548449	Pint	Completed	Industrial	Other	Embedded	0.75	0	0.607	0	0	0	0	0	0	0	0	0.607
548448	Doerner	Ongoing	Commercial	Business	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
548447	Whey	Ongoing	Residential	Home Construction	Embedded	0.75	0.45	0	0	0	0	0	0	0	0	0	0.45
548446	Boxer	Ongoing	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
548445	Luckman	Cancelled	Transportation	LD EV	Incremental	0.7	0	0.998	0	0	0	0	0	0	0	0	0.998
548444	Laird	Ongoing	Commercial	Business	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
548443	Friends	Completed	Industrial	Facilities	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
548442	Salmon	Completed	Residential	Home Construction	Embedded	0.75	0	0	0	0.6	0	0	0	0	0	0	0.6
548441	Minnow	Ongoing	Commercial	Business	Embedded	0.75	0.945	0	0	0	0	0	0	0	0	0	0.945
548440	Minnow	Completed	Industrial	Other	Embedded	0.75	0.799	0	0	0	0	0	0	0	0	0	0.799
548439	Catalytic	Cancelled	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
548438	Tips	Completed	Commercial	Business	Embedded	0.75	0.322	0	0	0	0	0	0	0	0	0	0.322
548437	Val Verde	Ongoing	Commercial	Business	Embedded	0.75	0.375	0	0	0	0	0	0	0	0	0	0.375
548238	Val Verde	Ongoing	Commercial	Business	Embedded	0.75	0.36	0.221	0	0	0	0	0	0	0	0	0.581
542773	Tambourine	Completed	Transportation	LD EV	Incremental	0.75	0	0.813	0	0	0	0	0	0	0	0	0.813
542770	Dry Canyon	Completed	Transportation	LD EV	Incremental	0.75	0.57	0	0	0	0	0	0	0	0	0	0.57
542769	Gavin	Cancelled	Transportation	LD EV	Incremental	0.75	0.45	0	0	0	0	0	0	0	0	0	0.45
542768	Chariot	Completed	Commercial	Business	Embedded	0.75	0.305	0	0	0	0	0	0	0	0	0	0.305
542767	Penthouse	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.875	0	0	0	0	0	0	0	0	0.875
542766	Penthouse	Completed	Residential	Home Construction	Embedded	0.75	0	1.1	0	0	0	0	0	0	0	0	1.1
542765	Rhumba	Completed	Residential	Home Construction	Embedded	0.75	0.426	0	0	0	0	0	0	0	0	0	0.426
542764	Walter	Completed	Transportation	MD/HD EV	Incremental	1	0.405	0	0	0	0	0	0	0	0	0	0.405
542762	Alaska	Ongoing	Commercial	Education	Embedded	0.75	0.395	0	0	0	0	0	0	0	0	0	0.395
542760	Western	Completed	Commercial	Business	Embedded	0.75	0.976	0	0	0	0	0	0	0	0	0	0.976
542759	Church	Ongoing	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
542757	Sherbourne	Ongoing	Industrial	Plants	Embedded	0.75	0	0.425	0	0	0	0	0	0	0	0	0.425
542756	Stocker	Completed	Commercial	Business	Embedded	0.75	0.728	0	0	0	0	0	0	0	0	0	0.728
542755	Rose	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
542754	Kernan	Ongoing	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
542753	Nelson	Ongoing	Commercial	Business	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
542751	Tube	Ongoing	Transportation	LD EV	Incremental	1	0	2.709	0	0	0	0	0	0	0	0	2.709
542750	Catalytic	Ongoing	Transportation	LD EV	Incremental	1	1.084	0	0	0	0	0	0	0	0	0	1.084
542748	Dogwood	Completed	Commercial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
542747	Tube	Ongoing	Industrial	Facilities	Embedded	0.75	0.772	0	0	0	0	0	0	0	0	0	0.772
542746	Interstate	Ongoing	Commercial	Business	Embedded	0.75	0.458	0	0	0	0	0	0	0	0	0	0.458
542745	Interstate	Ongoing	Commercial	Business	Embedded	0.75	0.659	0	0	0	0	0	0	0	0	0	0.659
542743	Grayson	Ongoing	Residential	Home Construction	Embedded	0.75	0.1675	0	0	0	0	0	0	0	0	0	0.1675
542742	Saybrook	Ongoing	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
542741	Warman	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
542740	Apex	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	6.714	0	0	0	0	0	0	6.714
542739	Zamora	Ongoing	Industrial	Other	Embedded	0.75	2.85	0	0	0	0	0	0	0	0	0	2.85
542738	Penrose	Ongoing	Residential	Home Construction	Embedded	0.75	0.193	0	0	0	0	0	0	0	0	0	0.193
542737	Republic	Ongoing	Commercial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
542736	Ryan	Ongoing	Commercial	Education	Embedded	0.75	0	0.6	0	0	0	0	0	0	0	0	0.6
542735	Peach	Completed	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
542734	Boeing	Completed	Commercial	Other	Incremental	1	1.4	-1.4	0	0	0	0	0	0	0	0	0
542733	Apricot	Completed	Commercial	Health Care	Embedded	0.75	0.984	0	0	0	0	0	0	0	0	0	0.984
542732	Mendoza	Completed	Commercial	Other	Incremental	1	3	-3	0	0	0	0	0	0	0	0	0
542731	Wilcox	Ongoing	Industrial	Cultivation	Incremental	0.75	1.3	0	0	0	0	0	0	0	0	0	1.3
542730	Otis	Cancelled	Industrial	Cultivation	Incremental	0.75	1.561	0	0	0	0	0	0	0	0	0	1.561
542729	Cyanide	Ongoing	Commercial	Other	Embedded	0.75	0	0	0.7	0	0	0	0	0	0	0	0.7
542728	Bryant	Completed	Commercial	Other	Embedded	0.75	0.849	0	0	0	0	0	0	0	0	0	0.849
542727	Sheila	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
542726	Bryant	Completed	Commercial	Other	Embedded	0.75	0.253	0	0	0	0	0	0	0	0	0	0.253
542725	Boris	Ongoing	Residential	Home Construction	Embedded	0.75	0.252	0	0	0	0	0	0	0	0	0	0.252
542724	Hancock	Completed	Transportation	LD EV	Incremental	0.75	0	4	4	0	0	0	0	0	0	0	8
542723	Bryant	Ongoing	Industrial	Other	Embedded	0.75	0	1.133	0	0	0	0	0	0	0	0	1.133
542722	Graveyard	Ongoing	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
542719	Lyons	Ongoing	Residential	Home Construction	Embedded	0.75	0.17	0.29	0.116	0	0	0	0	0	0	0	0.576
542718	Fairhaven	Completed	Commercial	Other	Embedded	0.75	1.216	0	0	0	0	0	0	0	0	0	1.216
542717	Centinela	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.526	0	0	0	0	0	0	0	0	0.526
542716	Kathleen	Cancelled	Commercial	Other	Embedded	0.75	0.912	0	0	0	0	0	0	0	0	0	0.912
542715	Flywheel	Ongoing	Industrial	Facilities	Embedded	0.75	1.35	1.35	1.35	1.35	0	0	0	0	0	0	5.4
542714	Herz	Cancelled	Transportation	LD EV	Incremental	0.75	0	0	1.355	0	0	0	0	0	0	0	1.355
542713	Burr	Completed	Industrial	Plants	Embedded	0.75	1.6	1.13	0	0	0	0	0	0	0	0	2.73
542713	Burr	Completed	Industrial	Plants	Embedded	0.75	0.55	0	0	43	0	0	0	0	0	0	0.55

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0.8
1.49	0	0	0	0	0	0	0	0	0	1.49
0.75	0	0	0	0	0	0	0	0	0	0.75
0.5	0	0	0	0	0	0	0	0	0	0.5
0.75	0	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0	0
1.5	0	0	0	0	0	0	0	0	0	1.5
0.9778	0	0	0	0	0	0	0	0	0	0.9778
0	0	0	0	0	0	0	0	0	0	0
0.625	0	0	0	0	0	0	0	0	0	0.625
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0	0
0	1.63	0	0	0	0	0	0	0	0	1.63
0.998	0	0	0	0	0	0	0	0	0	0.998
0	0	0	0	0	0	0	0	0	0	0
0.45	0	0	0	0	0	0	0	0	0	0.45
1.625	0	0	0	0	0	0	0	0	0	1.625
0	1.992	0	0	0	0	0	0	0	0	1.992
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0.3
0.45	0	0	0	0	0	0	0	0	0	0.45
0.3	0	0	0	0	0	0	0	0	0	0.3
0	0	0	0	0	0	0	0	0	0	0
0.35	0	0	0	0	0	0	0	0	0	0.35
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.945	0	0	0	0	0	0	0	0	0	0.945
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2.205	0	0	0	0	0	0	0	0	0	2.205
0.581	0	0	0	0	0	0	0	0	0	0.581
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.525	0	0	0	0	0	0	0	0	0	0.525
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.395	0	0	0	0	0	0	0	0	0	0.395
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
0.425	0	0	0	0	0	0	0	0	0	0.425
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
0.5	0	0	0	0	0	0	0	0	0	0.5
2.709	0	0	0	0	0	0	0	0	0	2.709
1.161	0	0	0	0	0	0	0	0	0	1.161
0	0	0	0	0	0	0	0	0	0	0
0.772	0	0	0	0	0	0	0	0	0	0.772
0.458	0	0	0	0	0	0	0	0	0	0.458
0	0.659	0	0	0	0	0	0	0	0	0.659
0.1675	0	0	0	0	0	0	0	0	0	0.1675
0.3	0	0	0	0	0	0	0	0	0	0.3
0.75	0	0	0	0	0	0	0	0	0	0.75
0	0	6.714	0	0	0	0	0	0	0	6.714
2.85	0	0	0	0	0	0	0	0	0	2.85
0.116	0	0	0	0	0	0	0	0	0	0.116
1.5	0	0	0	0	0	0	0	0	0	1.5
0	0.6	0	0	0	0	0	0	0	0	0.6
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.3	0	0	0	0	0	0	0	0	0	1.3
0	0	0	0	0	0	0	0	0	0	0
0	0.7	0	0	0	0	0	0	0	0	0.7
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0	0
0.252	0	0	0	0	0	0	0	0	0	0.252
0	0	0	0	0	0	0	0	0	0	0
1.133	0	0	0	0	0	0	0	0	0	1.133
0.3	0	0	0	0	0	0	0	0	0	0.3
0.29	0.116	0	0	0	0	0	0	0	0	0.406
0	0	0	0	0	0	0	0	0	0	0
0	0.526	0	0	0	0	0	0	0	0	0.526
0	0	0	0	0	0	0	0	0	0	0
1.8	1.8	1.8	0	0	0	0	0	0	0	5.4
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

Difference between PY22 & PY23 (MVA)										
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0.8	-69.78%
1.49	0	0	0	0	0	0	0	0	1.49	-51.69%
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	1.5	0.00%
0.9778	0	0	0	0	0	0	0	0	0.9778	0.00%
0	0	0	0	0	0	0	0	0	0	
0.625	0	0	0	0	0	0	0	0	0.625	0.00%
0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	
-1.63	1.63	0	0	0	0	0	0	0	0	0.00%
0.998	0	0	0	0	0	0	0	0	0.998	0.00%
0	0	0	0	0	0	0	0	0	0	
-0.225	0	0	0	0	0	0	0	0	-0.225	-33.33%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0.3	100.00%
0.45	0	0	0	0	0	0	0	0	0.45	0.00%
0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0	0	0	0	0	0	0	0	0	0	
0.35	0	0	0	0	0	0	0	0	0.35	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.945	0	0	0	0	0	0	0	0	0.945	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
2.205	0	0	0	0	0	0	0	0	2.205	488.00%
0.36	0	0	0	0	0	0	0	0	0.36	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
-0.35	0	0	0	0	0	0	0	0	-0.35	-40.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.395	0	0	0	0	0	0	0	0	0.395	0.00%
0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0.709	0	0	0	0	0	0	0	0	0	0.00%
1.161	0	0	0	0	0	0	0	0	1.161	7.10%
0	0	0	0	0	0	0	0	0	0	
0.772	0	0	0	0	0	0	0	0	0.772	0.00%
0.458	0	0	0	0	0	0	0	0	0.458	0.00%
0	0.659	0	0	0	0	0	0	0	0.659	0.00%
0.1675	0	0	0	0	0	0	0	0	0.1675	0.00%
0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
6.714	0	0	0	0	0	0	0	0	0	0.00%
2.85	0	0	0	0	0	0	0	0	2.85	0.00%
0.116	0	0	0	0	0	0	0	0	0.116	-39.90%
1.5	0	0	0	0	0	0	0	0	1.5	0.00%
-0.6	0.6	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
1.3	0	0	0	0	0	0	0	0	1.3	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	
0.252	0	0	0	0	0	0	0	0	0.252	0.00%
0	0	0	0	0	0	0	0	0	0	
1.133	0	0	0	0	0	0	0	0	0	0.00%
0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0.116	0	0	0	0	0	0	0	0	0	-29.51%
0	0	0	0	0	0	0	0	0	0	
-0.526	0.526	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0.45	0.45	0.45	0	0	0	0	0	0	1.35	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2021-10-07	2022-01-01	2022-06-01	
N/A		2021-10-07	2022-01-01	2022-06-01	
N/A		2021-10-06	2022-01-01	2022-06-01	
N/A		2021-10-06	2022-01-01	2022-06-01	
N/A		2021-10-06	2022-01-01	2021-12-01	
N/A		2021-10-06	2023-01-01	2022-10-01	
Deferred3	2.647	2021-10-06	2023-01-01	2022-05-02	
Deferred3	3.084	2021-10-06	2023-01-01	2022-05-02	
Deferred3	0.75	2021-10-06	2023-01-01	2022-02-01	
Deferred3	0.5	2021-10-06	2023-01-01	2022-02-01	
Deferred3	0.75	2021-10-06	2023-01-01	2022-05-02	
N/A		2021-10-06	2023-01-01	2021-09-20	
Deferred3	1.5	2021-10-05	2023-01-01	2022-06-01	
Deferred3	0.9778	2021-10-05	2023-01-01	2022-06-01	
N/A		2021-10-05	2022-01-01	2022-01-03	
Deferred3	0.625	2021-10-05	2023-01-01	2022-07-01	
Deferred3	0.5	2021-10-05	2023-01-01	2022-05-02	
N/A		2021-10-05	2022-01-01	2022-01-01	
Deferred3	0.75	2021-10-05	2023-01-01	2021-09-02	
N/A		2021-10-05	2022-01-01	2021-08-16	
Deferred3	1.63	2021-10-05	2024-01-01	2021-08-16	
Deferred3	0.998	2021-10-05	2023-01-01	2021-08-16	
N/A		2021-10-05	2023-01-01	2021-08-16	
No		2021-10-05	2023-01-01	2021-08-16	
No		2021-10-04	2023-01-01	2023-04-01	Engineer indicated project to be included in forecast during load growth PY23. Project was not tracked in the Commercia
N/A		2021-10-04	2024-01-01	2021-10-04	
N/A		2021-10-04	2023-01-01	2021-10-04	
N/A		2021-10-04	2022-01-01	2021-10-04	
N/A		2021-10-04	2022-01-01	2022-11-18	
N/A		2021-10-04	2023-01-01	2021-10-04	
Deferred3	0.15	2021-10-04	2023-01-01	2021-10-04	
Deferred3	0.45	2021-10-04	2023-01-01	2022-01-01	
Deferred3	0.3	2021-10-04	2023-01-01	2021-10-04	
N/A		2021-10-04	2023-01-01	2023-06-30	
Deferred3	0.35	2021-10-04	2023-01-01	2021-10-04	
N/A		2021-10-04	2022-01-01	2021-10-04	
N/A		2021-10-04	2025-01-01	2025-01-01	
Deferred3	0.945	2021-10-04	2023-01-01	2022-12-31	
N/A		2021-10-04	2022-01-01	2022-06-25	
N/A		2021-10-04	2022-01-01	2021-10-04	
N/A		2021-10-03	2022-01-01	2022-08-01	
Deferred3	0.375	2021-10-03	2023-01-01	2023-06-01	
No		2021-10-03	2023-01-01	2023-01-01	
N/A		2021-10-03	2023-01-01	2022-10-01	
N/A		2021-10-03	2022-01-01	2022-04-07	
N/A		2021-10-03	2022-01-01	2021-12-09	
N/A		2021-10-03	2022-01-01	2022-02-01	
No		2021-10-01	2023-01-01	2022-12-31	
N/A		2021-10-01	2023-01-01	2022-06-14	
N/A		2021-10-01	2022-01-01	2022-07-08	
N/A		2021-10-01	2022-01-01	2021-10-01	
Deferred3	0.395	2021-10-01	2023-01-01	2023-06-30	
N/A		2021-10-01	2022-01-01	2022-09-01	
Deferred3	0.75	2021-10-01	2023-01-01	2021-10-01	
No		2021-10-01	2023-01-01	2022-12-31	
N/A		2021-10-01	2022-01-01	2021-11-01	
N/A		2021-10-01	2022-01-01	2021-10-01	
Deferred3	0.75	2021-10-01	2023-01-01	2021-10-01	
No		2021-10-01	2023-01-01	2022-09-30	
No		2021-10-01	2023-01-01	2021-10-01	
Deferred3	1.084	2021-10-01	2023-01-01	2021-10-01	
N/A		2021-10-01	2022-01-01	2021-12-12	
Deferred3	0.772	2021-10-01	2023-01-01	2021-10-01	
Deferred3	0.458	2021-10-01	2023-01-01	2023-06-01	
Deferred3	0.659	2021-10-01	2024-01-01	2024-06-01	
Deferred3	0.1675	2021-10-01	2023-01-01	2022-11-01	
Deferred3	0.3	2021-10-01	2023-01-01	2021-10-01	
Deferred3	0.75	2021-10-01	2023-01-01	2021-10-01	
No		2021-10-01	2025-01-01	2021-10-01	
Deferred3	2.85	2021-10-01	2023-01-01	2021-10-01	
Deferred3	0.193	2021-10-01	2023-01-01	2021-10-01	
Deferred3	1.5	2021-09-30	2023-01-01	2023-02-28	
Deferred3	0.6	2021-09-30	2024-01-01	2023-12-30	
N/A		2021-09-30	2022-01-01	2021-09-30	
N/A		2021-09-30	2022-01-01	2021-12-31	
N/A		2021-09-30	2022-01-01	2021-09-30	
N/A		2021-09-30	2022-01-01	2021-12-30	
Deferred3	1.3	2021-09-30	2023-01-01	2021-09-30	
N/A		2021-09-30	2022-01-01	2021-09-30	
No		2021-09-30	2024-01-01	2021-09-30	
N/A		2021-09-30	2022-01-01	2022-06-01	
Deferred3	0.75	2021-09-30	2023-01-01	2021-09-30	
N/A		2021-09-30	2022-01-01	2022-06-01	
Deferred3	0.252	2021-09-30	2023-01-01	2021-09-30	
N/A		2021-09-30	2023-01-01	2021-09-30	
No		2021-09-30	2023-01-01	2022-09-30	
Deferred3	0.3	2021-09-30	2023-01-01	2023-02-01	
No		2021-09-30	2023-01-01	2022-01-01	
N/A		2021-09-30	2022-01-01	2022-04-30	
Deferred3	0.526	2021-09-30	2024-01-01	2023-12-31	
N/A		2021-09-29	2022-01-01	2022-04-01	
No		2021-09-29	2023-01-01	2023-06-01	
N/A		2021-09-29	2024-01-01	2023-09-01	
N/A		2021-09-28	2022-01-01	2021-09-28	
N/A		2021-09-28	2022-01-01	2021-09-28	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
542713	Round Valley	Ongoing	Industrial	Plants	Embedded	0.75	1.05	1.13	0	0	0	0	0	0	0	0	2.18
542712	Surprise	Completed	Agriculture	Agriculture	Embedded	0.75	0.177	0	0	0	0	0	0	0	0	0	0.177
542711	Relish	Cancelled	Transportation	LD EV	Incremental	1	0	1.625	0	0	0	0	0	0	0	0	1.625
542710	Touchdown	Ongoing	Residential	Home Construction	Embedded	0.75	1.35	0	0	0	0	0	0	0	0	0	1.35
542709	Patron	Ongoing	Transportation	LD EV	Incremental	1	0	1.6304	0	0	0	0	0	0	0	0	1.6304
542708	Fujiyama	Cancelled	Transportation	LD EV	Incremental	1	0.7609	0	0	0	0	0	0	0	0	0	0.7609
542707	Kernan	Ongoing	Transportation	LD EV	Incremental	1	0.542	0	0	0	0	0	0	0	0	0	0.542
542706	Gusher	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
542705	Drum	Ongoing	Commercial	Other	Embedded	0.75	0.26	0	0	0	0	0	0	0	0	0	0.26
542704	Connecticut	Ongoing	Transportation	LD EV	Incremental	1	1.625	0	0	0	0	0	0	0	0	0	1.625
542703	Fonda	Ongoing	Transportation	LD EV	Incremental	1	1.072	0	0	0	0	0	0	0	0	0	1.072
540501	Magenta	Ongoing	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
540500	Cleat	Ongoing	Industrial	Facilities	Embedded	0.75	0.72	0	0	0	0	0	0	0	0	0	0.72
540499	Tradewind	Completed	Transportation	LD EV	Incremental	0.7	2.709	0	0	0	0	0	0	0	0	0	2.709
540498	Monsoon	Ongoing	Transportation	LD EV	Incremental	1	1.328	0	0	0	0	0	0	0	0	0	1.328
540497	Typhoon	Ongoing	Transportation	LD EV	Incremental	1	0.712	0	0	0	0	0	0	0	0	0	0.712
540496	Pass	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540495	San Juan	Cancelled	Transportation	LD EV	Incremental	1	0.837	0	0	0	0	0	0	0	0	0	0.837
540494	Ruth	Ongoing	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
540493	Worth	Completed	Residential	Home Construction	Embedded	0.75	1.14	0	0	0	0	0	0	0	0	0	1.14
540491	Lisa Anne	Completed	Transportation	LD EV	Incremental	1	0.45	0	0	0	0	0	0	0	0	0	0.45
540489	Marshall	Cancelled	Commercial	Business	Embedded	0.75	0	0	0.75	0	0	0	0	0	0	0	0.75
540487	Suntower	Ongoing	Commercial	Business	Embedded	0.75	0	0	0.5	0	0	0	0	0	0	0	0.5
540486	Debug	Ongoing	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
540485	Norwich	Cancelled	Commercial	Other	Embedded	0.75	0.95	0	0	0	0	0	0	0	0	0	0.95
540484	Runway	Ongoing	Commercial	Other	Embedded	0.75	0	4.046	0	0	0	0	0	0	0	0	4.046
540483	Mar Vista	Ongoing	Commercial	Other	Embedded	0.75	0	0.55	0	0	0	0	0	0	0	0	0.55
540482	Marlene	Ongoing	Industrial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
540481	Purdue	Ongoing	Commercial	Other	Incremental	1	3.5	0	0	-3.5	0	0	0	0	0	0	0
540480	Medusa	Cancelled	Transportation	LD EV	Incremental	0.75	0.338	2.1	0	0	0	0	0	0	0	0	2.438
540479	Local	Ongoing	Commercial	Other	Embedded	0.75	0	0	4	0	0	0	0	0	0	0	4
540478	Playboy	Ongoing	Residential	Home Construction	Embedded	0.75	0.425	0	0	0	0	0	0	0	0	0	0.425
540477	Playboy	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
540476	Formosa	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0.75	0	0	0	0	0	0	0	0.75
540475	Larabee	Cancelled	Commercial	Other	Embedded	0.75	0	0	0.75	0	0	0	0	0	0	0	0.75
540474	Fuller	Ongoing	Commercial	Other	Embedded	0.75	0	3.75	0	0	0	0	0	0	0	0	3.75
540473	Barley Flats	Completed	Transportation	MD/HD EV	Incremental	1	2.167	0	0	0	0	0	0	0	0	0	2.167
540471	Canoe	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540470	Dingy	Completed	Commercial	Business	Embedded	0.75	0.45	0	0	0	0	0	0	0	0	0	0.45
540468	Standard	Completed	Commercial	Business	Embedded	0.75	0.9	0	0	0	0	0	0	0	0	0	0.9
540467	Standard	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540465	Lakers	Ongoing	Commercial	Business	Embedded	0.75	0.695	0	0	0	0	0	0	0	0	0	0.695
540464	Begonia	Ongoing	Commercial	Business	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
540463	Gaylord	Cancelled	Residential	Home Construction	Embedded	0.75	0.774	0	0	0	0	0	0	0	0	0	0.774
540462	Skylab	Ongoing	Commercial	Business	Embedded	0.75	4	0	0	0	0	0	0	0	0	0	4
540461	Pelican	Ongoing	Industrial	Cultivation	Incremental	0.75	3.75	0	0	0	0	0	0	0	0	0	3.75
540460	Cassini	Ongoing	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
540459	Raven	Cancelled	Industrial	Cultivation	Incremental	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
540458	Rambler	Ongoing	Transportation	LD EV	Incremental	1	1.125	0	0	0	0	0	0	0	0	0	1.125
540457	Verbena	Ongoing	Transportation	LD EV	Incremental	1	0.3	0	0	0	0	0	0	0	0	0	0.3
540456	Beechnut	Cancelled	Transportation	LD EV	Incremental	1	0	2.568	0	0	0	0	0	0	0	0	2.568
540455	Sakioka	Completed	Transportation	LD EV	Incremental	1	0.558	0	0	0	0	0	0	0	0	0	0.558
540454	Warriors	Cancelled	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
540451	Daffodil	Completed	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540450	Challenger	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540449	Sewell	Ongoing	Transportation	LD EV	Incremental	1	0.13	0	0	0	0	0	0	0	0	0	0.13
540448	Cornnut	Completed	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540447	Klingon	Ongoing	Transportation	LD EV	Incremental	1	0.587	0	0	0	0	0	0	0	0	0	0.587
540446	Cronin	Completed	Transportation	LD EV	Incremental	1	0.175	0	0	0	0	0	0	0	0	0	0.175
540445	Poppy	Ongoing	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540442	Reeder	Cancelled	Transportation	LD EV	Incremental	1	0	1.625	0	0	0	0	0	0	0	0	1.625
540441	Klingon	Ongoing	Transportation	LD EV	Incremental	1	1.354	0	0	0	0	0	0	0	0	0	1.354
540440	Tommy	Completed	Transportation	LD EV	Incremental	1	0	1.354	0	0	0	0	0	0	0	0	1.354
540438	Klamath	Ongoing	Industrial	Facilities	Embedded	1	1	1	0	0	0	0	0	0	0	0	2
540437	Foyt	Cancelled	Transportation	LD EV	Incremental	0.75	0.33	0	0	0	0	0	0	0	0	0	0.33
540436	Willis	Cancelled	Transportation	LD EV	Incremental	0.75	0	1.084	0	0	0	0	0	0	0	0	1.084
540435	Squadron	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.358	0	0	0	0	0	0	0	0	0.658
540434	Edendale	Completed	Agriculture	Agriculture	Embedded	0.75	0.22	0	0	0	0	0	0	0	0	0	0.22
540433	Royal Oaks	Ongoing	Commercial	Business	Embedded	0.75	0.382	0	0	0	0	0	0	0	0	0	0.382
540430	Liberator	Cancelled	Transportation	LD EV	Incremental	0.7	0	4.33	0	0	0	0	0	0	0	0	4.33
540429	Sago	Cancelled	Transportation	LD EV	Incremental	0.6	0.55	0	0	0	0	0	0	0	0	0	0.55
540428	Pickens	Cancelled	Transportation	LD EV	Incremental	1	0.7647	0	0	0	0	0	0	0	0	0	0.7647
540428	Rosemont	Cancelled	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540425	Raybestos	Completed	Transportation	LD EV	Incremental	1	1.084	0	0	0	0	0	0	0	0	0	1.084
540424	Kilkenny	Cancelled	Transportation	LD EV	Incremental	1	0	0.812	0	0	0	0	0	0	0	0	0.812
540423	Papoose	Cancelled	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540422	Skylab	Ongoing	Transportation	MD/HD EV	Incremental	1	0.542	0	0	0	0	0	0	0	0	0	0.542
540420	Dixon	Cancelled	Transportation	LD EV	Incremental	0.75	0	0	1.625	0	0	0	0	0	0	0	1.625
540419	Bryn Mawr	Cancelled	Transportation	LD EV	Incremental	0.75	0.54	0	0	0	0	0	0	0	0	0	0.54
540418	Goldbuckle	Completed	Transportation	LD EV	Incremental	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
540416	Spillway	Completed	Industrial	Other	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
540415	Spillway	Completed	Industrial	Facilities	Embedded	0.75	0.9	0	0	0	0	0	0	0	0	0	0.9
540413	Onaga	Completed	Transportation	LD EV	Incremental	1	1.084	0	0	0	0	0	0	0	0	0	1.084
540412	Onaga	Cancelled	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540411	Sandy	Cancelled	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
540409	Gopher	Completed	Agriculture	Agriculture	Embedded	0.75	0.175	0	0	0	0	0	0	0	0	0	0.175
540408	Monroe	Completed	Industrial	Other	Embedded	0.75	0.492	0	0	0	0	0	0	0	0	0	0.492
540406	Pond	Completed	Agriculture	Agriculture	Embedded	0.75	0.33	0	0	0	0	0	0	0	0	0	0.33
540405	Tunnel	Ongoing	Industrial	Facilities	Embedded	0.75	0	1.662	0	0	0	0	0	0	0	0	1.662
540404	Tunnel	Ongoing	Industrial	Facilities	Embedded	0.75	0	3.324	0	0	0	0	0	0	0	0	3.324
540403	Tunnel	Ongoing	Industrial	Facilities	Embedded	0.75	0	4.986	2.493	0	0	0	0	0	0	0	7.479
540402	Sluice	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540401	Goldpan	Cancelled	Transportation	LD EV	Incremental	0.75	0	1.354	0	0	0	0	0	0	0	0	1.354
540400	Flue	Ongoing	Industrial	Facilities	Embedded	1	1.7	0	0	0	0	0	0	0	0	0	1.7
540399	Steelman	Ongoing	Commercial	Health Care	Embedded	0.75	0.435	1	0	0	0	0	0	0	0	0	1.435

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
1.13	0	0	0	0	0	0	0	0	0	1.13	0	0	0	0	0	0	0	0	0	0	-48.17%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	1.35	0	0	0	0	0	0	0	0	1.35	0	1.35	0	0	0	0	0	0	0	1.35	0.00%
1.625	0	0	0	0	0	0	0	0	0	1.625	-0.0054	0	0	0	0	0	0	0	0	-0.0054	-0.33%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	0.542	0	0	0	0	0	0	0	0	0.542	0.00%
0.65	0	0	0	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0	0	0	0.65	-13.33%
0.26	0	0	0	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0	0	0	0.26	0.00%
1.625	0	0	0	0	0	0	0	0	0	1.625	1.625	0	0	0	0	0	0	0	0	1.625	0.00%
1.072	0	0	0	0	0	0	0	0	0	1.072	1.072	0	0	0	0	0	0	0	0	1.072	0.00%
0.375	0	0	0	0	0	0	0	0	0	0.375	0.375	0	0	0	0	0	0	0	0	0.375	-25.00%
0.72	0	0	0	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0	0	0	0	0.72	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.328	0	0	0	0	0	0	0	0	0	1.328	1.328	0	0	0	0	0	0	0	0	1.328	0.00%
0.542	0	0	0	0	0	0	0	0	0	0.542	0.542	0	0	0	0	0	0	0	0	0.542	-23.88%
0.33	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.00%
3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	3	500.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	4.046	0	0	0	0	0	0	0	4.046	-4.046	0	4.046	0	0	0	0	0	0	0	0.00%
0.55	0	0	0	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0	0	0	0	0.00%
0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.00%
3.5	0	-3.5	0	0	0	0	0	0	0	0	3.5	0	0	0	0	0	0	0	0	3.5	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0.00%
0.425	0	0	0	0	0	0	0	0	0	0.425	0.425	0	0	0	0	0	0	0	0	0.425	0.00%
0	0.5	0	0	0	0	0	0	0	0	0.5	-0.5	0.5	0	0	0	0	0	0	0	0	0.00%
0	0.3	0	0	0	0	0	0	0	0	0.3	0	-0.45	0	0	0	0	0	0	0	-0.45	-60.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5	-2.25	0	0	0	0	0	0	0	0	-2.25	-60.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.59	0	0	0	0	0	0	0	0	0	1.59	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.28	0	0	0	0	0	0	0	0	0	0.28	0	0	0	0	0	0	0	0	0	0	
0.695	0	0	0	0	0	0	0	0	0	0.695	0.695	0	0	0	0	0	0	0	0	0.695	0.00%
2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	4	0.00%
3.75	0	0	0	0	0	0	0	0	0	3.75	3.75	0	0	0	0	0	0	0	0	3.75	0.00%
2.5	0	0	0	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0	2.5	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.125	0	0	0	0	0	0	0	0	0	1.125	1.125	0	0	0	0	0	0	0	0	1.125	0.00%
0.3	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.13	0	0	0	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0	0	0	0.13	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.587	0	0	0	0	0	0	0	0	0	0.587	0.587	0	0	0	0	0	0	0	0	0.587	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.54	0	0	0	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0	0	0	0.54	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.355	0	0	0	0	0	0	0	0	0	1.355	1.355	0	0	0	0	0	0	0	0	1.355	0.07%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.358	0.3	0	0	0	0	0	0	0	0	0.658	0	0.3	0	0	0	0	0	0	0	0.3	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.382	0	0	0	0	0	0	0	0	0.382	0	0.382	0	0	0	0	0	0	0	0.382	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.84	0	0	0	0	0	0	0	0	0.84	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.542	0	0	0	0	0	0	0	0	0	0.542	0.542	0	0	0	0	0	0	0	0	0.542	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	1.66	0	0	0	0	0	0	0	0	1.66	-1.662	1.66	0	0	0	0	0	0	0	-0.002	-0.12%
1.662	1.66	0	0	0	0	0	0	0	0	3.322	-1.662	1.66	0	0	0	0	0	0	0	-0.002	-0.06%
1.662	3.32	2.49	0	0	0	0	0	0	0	7.472	-3.324	0.827	2.49	0	0	0	0	0	0	-0.007	-0.09%
0	1.161	0	0	0	0	0	0	0	0	1.161	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.7	0	0	0	0	0	0	0	0	0	1.7	1.7	0	0	0	0	0	0	0	0	1.7	0.00%
0.435	1	0	0	0	0	0	0	0	0	1.435	-0.565	1	0	0	0	0	0	0	0	0.435	0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
No		2021-09-28	2023-01-01	2021-09-28	
N/A		2021-09-28	2022-01-01	2021-09-28	
N/A		2021-09-28	2023-01-01	2023-09-01	
Deferred3	1.35	2021-09-28	2024-01-01	2021-08-16	
No		2021-09-24	2023-01-01	2022-12-31	
N/A		2021-09-24	2022-01-01	2021-12-01	
Deferred3	0.542	2021-09-23	2023-01-01	2021-09-23	
Deferred3	0.75	2021-09-23	2023-01-01	2021-08-16	
Deferred3	0.26	2021-09-23	2023-01-01	2021-08-16	
Deferred3	1.625	2021-09-23	2023-01-01	2019-09-09	
Deferred3	1.072	2021-09-23	2023-01-01	2021-06-16	
Deferred3	0.5	2021-09-23	2023-01-01	2021-08-16	
Deferred3	0.72	2021-09-23	2023-01-01	2021-08-16	
N/A		2021-09-23	2022-01-01	2022-09-01	
Deferred3	1.328	2021-09-23	2023-01-01	2020-11-20	
Deferred3	0.712	2021-09-23	2023-01-01	2021-02-19	
N/A		2021-09-23	2023-01-01	2021-06-01	
N/A		2021-09-23	2022-01-01	2021-04-01	
Deferred3	0.75	2021-09-23	2023-01-01	2021-03-10	
N/A		2021-09-23	2022-01-01	2021-09-23	
N/A		2021-09-23	2022-01-01	2021-07-28	
N/A		2021-09-23	2024-01-01	2023-12-31	
No		2021-09-23	2024-01-01	2023-12-31	
Deferred3	0.5	2021-09-23	2023-01-01	2023-06-01	
N/A		2021-09-23	2022-01-01	2022-04-01	
Deferred3	4.046	2021-09-22	2025-01-01	2023-03-15	
No		2021-09-22	2023-01-01	2023-06-01	
Deferred3	0.5	2021-09-22	2023-01-01	2022-11-30	
No		2021-09-22	2023-01-01	2023-04-01	
N/A		2021-09-22	2022-01-01	2022-06-01	
No		2021-09-22	2024-01-01	2023-12-01	
Deferred3	0.425	2021-09-22	2023-01-01	2023-03-01	
Deferred3	0.5	2021-09-22	2024-01-01	2023-12-31	
No		2021-09-22	2024-01-01	2024-03-01	
N/A		2021-09-22	2024-01-01	2024-01-01	
No		2021-09-22	2023-01-01	2023-05-01	
N/A		2021-09-22	2022-01-01	2022-06-01	
N/A		2021-09-22	2023-01-01	2023-01-01	
N/A		2021-09-22	2022-01-01	2021-07-15	
N/A		2021-09-22	2022-01-01	2022-01-01	
N/A		2021-09-22	2023-01-01	2023-01-01	
Deferred3	0.695	2021-09-21	2023-01-01	2023-01-01	
Deferred3	2	2021-09-21	2023-01-01	2023-01-01	
N/A		2021-09-21	2022-01-01	2022-05-01	
Deferred3	4	2021-09-21	2023-01-01	2023-01-01	
Deferred3	3.75	2021-09-21	2023-01-01	2023-01-01	
Deferred3	2.5	2021-09-21	2023-01-01	2023-01-01	
N/A		2021-09-21	2022-01-01	2022-01-01	
Deferred3	1.125	2021-09-21	2023-01-01	2023-01-01	
Deferred3	0.3	2021-09-21	2023-01-01	2022-11-30	
N/A		2021-09-21	2023-01-01	2023-01-01	
N/A		2021-09-21	2022-01-01	2022-01-01	
N/A		2021-09-21	2022-01-01	2022-01-01	
N/A		2021-09-21	2022-01-01	2022-01-01	
N/A		2021-09-21	2022-01-01	2022-01-01	
Deferred3	0.13	2021-09-21	2023-01-01	2023-01-01	
N/A		2021-09-20	2022-01-01	2022-01-01	
Deferred3	0.587	2021-09-20	2023-01-01	2023-01-01	
N/A		2021-09-20	2022-01-01	2022-10-22	
Deferred3	0.54	2021-09-20	2023-01-01	2021-09-20	
N/A		2021-09-20	2023-01-01	2023-01-01	
Deferred3	1.354	2021-09-20	2023-01-01	2022-06-01	
N/A		2021-09-20	2023-01-01	2023-01-01	
Deferred3	1	2021-09-19	2023-01-01	2023-03-31	
N/A		2021-09-16	2022-01-01	2021-12-01	
N/A		2021-09-16	2023-01-01	2023-03-01	
Deferred3	0.3	2021-09-16	2023-01-01	2022-06-01	
N/A		2021-09-15	2022-01-01	2021-09-15	
Deferred3	0.382	2021-09-14	2024-01-01	2023-09-22	
N/A		2021-09-13	2023-01-01	2023-09-01	
N/A		2021-09-13	2022-01-01	2021-12-01	
N/A		2021-09-10	2022-01-01	2021-12-01	
N/A		2021-09-10	2024-01-01	2021-12-01	
N/A		2021-09-09	2022-01-01	2022-06-01	
N/A		2021-09-09	2023-01-01	2021-09-09	
N/A		2021-09-09	2022-01-01	2021-09-09	
Deferred3	0.542	2021-09-09	2023-01-01	2021-12-31	
N/A		2021-09-07	2024-01-01	2023-09-01	
N/A		2021-09-07	2022-01-01	2021-12-01	
N/A		2021-09-07	2022-01-01	2021-12-01	
N/A		2021-09-03	2022-01-01	2021-12-31	
N/A		2021-09-03	2022-01-01	2021-12-31	
N/A		2021-09-03	2022-01-01	2022-06-01	
N/A		2021-09-03	2022-01-01	2021-12-01	
N/A		2021-09-03	2022-01-01	2021-12-01	
N/A		2021-09-02	2022-01-01	2021-09-02	
N/A		2021-09-02	2022-01-01	2021-09-02	
N/A		2021-09-02	2022-01-01	2021-09-02	
Deferred3	1.662	2021-09-01	2024-01-01	2022-10-01	
Deferred1	1.66	2021-09-01	2023-01-01	2022-10-01	
Deferred1	2.49	2021-09-01	2023-01-01	2024-10-01	
N/A		2021-09-01	2024-01-01	2022-09-01	
N/A		2021-09-01	2023-01-01	2023-03-01	
Deferred3	1.7	2021-09-01	2023-01-01	2022-01-01	
Deferred3	1.435	2021-08-31	2023-01-01	2023-05-15	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
540397	Concourse	Cancelled	Transportation	LD EV	Incremental	1	0.225	0	0	0	0	0	0	0	0	0	0.225
540395	Walrus	Cancelled	Transportation	LD EV	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
540394	Purex	Cancelled	Transportation	LD EV	Incremental	1	0	0.812	0	0	0	0	0	0	0	0	0.812
540390	Ballona	Completed	Commercial	Other	Embedded	0.75	1.632	0	0	0	0	0	0	0	0	0	1.632
540389	Mendoza	Ongoing	Commercial	Business	Embedded	0.75	0	2.083	0	0	0	0	0	0	0	0	2.083
540388	Boeing	Ongoing	Transportation	LD EV	Incremental	0.6	1.25	0	0	0	0	0	0	0	0	0	1.25
540386	Linder	New	Agriculture	Agriculture	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540385	Lawman	Completed	Transportation	LD EV	Incremental	1	2.165	0	0	0	0	0	0	0	0	0	2.165
540384	Countrywood	Ongoing	Transportation	LD EV	Incremental	1	0	0.812	0	0	0	0	0	0	0	0	0.812
540382	Pathe	Ongoing	Transportation	LD EV	Incremental	0.6	0.55	0	0	0	0	0	0	0	0	0	0.55
540376	Shoshone	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540375	Norwich	Cancelled	Transportation	LD EV	Incremental	0.7	0	1.935	0	0	0	0	0	0	0	0	1.935
540374	Suntower	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
540373	Riptide	Completed	Transportation	LD EV	Incremental	0.7	0.437	0	0	0	0	0	0	0	0	0	0.437
540372	Scilacci	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.5	0.304	0.304	0.304	0	0	0	0	0	1.412
540372	Barcelona	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.5	0.304	0.304	0.304	0	0	0	0	0	1.412
540368	Elmer	Ongoing	Transportation	LD EV	Incremental	1	0	1.084	0	0	0	0	0	0	0	0	1.084
540367	Grizzley	Ongoing	Transportation	LD EV	Incremental	0.6	1.25	0	0	0	0	0	0	0	0	0	1.25
540365	Leo	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.27	0	0	0	0	0	0	0	0	0.57
540363	Edendale	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
540361	Cooper	Completed	Agriculture	Agriculture	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
540360	Callison	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
540359	Macomber	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
540358	Gopher	Completed	Agriculture	Agriculture	Embedded	0.75	0.45	0	0	0	0	0	0	0	0	0	0.45
540356	Cupples	Ongoing	Transportation	LD EV	Incremental	1	4.696	0	0	0	0	0	0	0	0	0	4.696
540355	Brookline	Ongoing	Transportation	MD/HD EV	Incremental	1	0	1.5	2.1	0	0	0	0	0	0	0	3.6
540352	San Jose	Cancelled	Transportation	LD EV	Incremental	0.75	0.55	0	0	0	0	0	0	0	0	0	0.55
540351	Montclair	Completed	Transportation	LD EV	Incremental	0.75	4.696	0	0	0	0	0	0	0	0	0	4.696
540350	Garrett	Ongoing	Transportation	LD EV	Incremental	1	0	1.354	0	0	0	0	0	0	0	0	1.354
540348	Bonita	Completed	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540347	Conning	Completed	Commercial	Business	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
540345	Cattle	Ongoing	Residential	Home Construction	Embedded	0.75	0.35	0.35	0.35	0.35	0.35	0.25	0	0	0	0	2
540344	Harrell	Ongoing	Residential	Home Construction	Embedded	0.75	0.493	0.5	0	0	0	0	0	0	0	0	0.993
540343	Cooley	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540340	Countrywood	Completed	Transportation	LD EV	Incremental	1	0.54	0	0	0	0	0	0	0	0	0	0.54
540339	Bellgrave	Completed	Industrial	Plants	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
540338	Cabana	Completed	Industrial	Plants	Embedded	0.75	6	0	0	0	0	0	0	0	0	0	6
540337	Conning	Completed	Industrial	Plants	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
540334	Pisces	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540334	Scorpio	Ongoing	Industrial	Facilities	Embedded	0.75	2	2	2	2	2	2	0	0	0	0	12
540332	Lena	Cancelled	Transportation	LD EV	Incremental	0.75	0	2.749	0	0	0	0	0	0	0	0	2.749
540331	Delarro	Ongoing	Commercial	Education	Embedded	0.75	0	0.325	0	0	0	0	0	0	0	0	0.325
540330	Harrell	Completed	Transportation	LD EV	Incremental	0.7	1.354	0	0	0	0	0	0	0	0	0	1.354
540329	Effie	New	Transportation	MD/HD EV	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
540329	Rasmussen	Completed	Transportation	MD/HD EV	Incremental	0.75	0.3	0.3	0.3	0.3	0.3	0	0	0	0	0	1.5
540328	Cement	Completed	Industrial	Plants	Embedded	1	1.101	0	0	0	0	0	0	0	0	0	1.101
540326	Cooler	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.8	0.4	0	0	0	0	0	0	0	1.2
540323	Albacore	Ongoing	Transportation	LD EV	Incremental	0.7	0.774	0	0	0	0	0	0	0	0	0	0.774
540322	Monson	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540322	Rasmussen	Completed	Industrial	Plants	Embedded	0.75	0.394	0.3	0	0	0	0	0	0	0	0	0.694
540321	Honor	Ongoing	Commercial	Business	Embedded	0.75	0	1.169	0	0	0	0	0	0	0	0	1.169
540319	Barracuda	Ongoing	Transportation	LD EV	Incremental	0.75	0.766	0	0	0	0	0	0	0	0	0	0.766
540318	Radnor	Ongoing	Residential	Home Construction	Embedded	0.75	1.4566	0.6739	0	0	0	0	0	0	0	0	2.1305
540317	Ballona	Cancelled	Transportation	LD EV	Incremental	0.7	0.774	0	0	0	0	0	0	0	0	0	0.774
540316	Deerfield	Completed	Transportation	LD EV	Incremental	0.75	0.12	0	0	0	0	0	0	0	0	0	0.12
540314	Armijo	Completed	Industrial	Other	Embedded	0.75	0	1.3161	0	0	0	0	0	0	0	0	1.3161
540313	Underwood	Completed	Transportation	LD EV	Incremental	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
540312	Marauder	Ongoing	Agriculture	Agriculture	Embedded	1	1.149	2.177	0	0	0	0	0	0	0	0	3.326
540310	Pilgrim	Ongoing	Transportation	LD EV	Incremental	1	0	2.167	0	0	0	0	0	0	0	0	2.167
540309	Arsenic	Ongoing	Industrial	Facilities	Embedded	0.75	0.5	0.5	1	1	0	0	0	0	0	0	3
540308	Saucelito	Completed	Agriculture	Agriculture	Embedded	0.75	0.215	0	0	0	0	0	0	0	0	0	0.215
540307	Schmidt	Completed	Transportation	LD EV	Incremental	0.75	1.625	0	0	0	0	0	0	0	0	0	1.625
540306	Autumn	Ongoing	Transportation	LD EV	Incremental	1	0.813	0	0	0	0	0	0	0	0	0	0.813
540305	Cagney	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
540300	Harmony	Completed	Agriculture	Agriculture	Embedded	0.75	0.23	0	0	0	0	0	0	0	0	0	0.23
540298	Bryce	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540297	Trident	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540296	Probst	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
540296	Bandana	Ongoing	Commercial	Other	Embedded	0.75	0	4.5	6.5	0	0	0	0	0	0	0	11
540295	Green	Completed	Agriculture	Agriculture	Embedded	0.75	0.262	0	0	0	0	0	0	0	0	0	0.262
540294	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	12	0	0	0	0	0	0	0	12
540294	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	12	0	57	15	0	0	0	0	0	84
540293	Carnelian	Ongoing	Transportation	LD EV	Incremental	0.6	0.9	0	0	0	0	0	0	0	0	0	0.9
540291	Worth	Completed	Transportation	LD EV	Incremental	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
540290	Canby	Completed	Commercial	Business	Embedded	0.75	0	0.33	0.33	0	0	0	0	0	0	0	0.66
540287	Maulhardt	Completed	Transportation	LD EV	Incremental	1	0.45	0	0	0	0	0	0	0	0	0	0.45
540286	Enterprise	Cancelled	Industrial	Cultivation	Incremental	0.75	3.2	0	0	0	0	0	0	0	0	0	3.2
540284	Ready	Cancelled	Transportation	LD EV	Incremental	1	0.7	0	0	0	0	0	0	0	0	0	0.7
540283	Ponderosa	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540282	Sidewinder	Cancelled	Industrial	Cultivation	Incremental	0.75	2.12	0	0	0	0	0	0	0	0	0	2.12
540281	Carpoil	Completed	Industrial	Cultivation	Incremental	0.75	3.65	0	0	0	0	0	0	0	0	0	3.65
540280	Blocker	Ongoing	Transportation	LD EV	Incremental	0.6	0.55	0	0	0	0	0	0	0	0	0	0.55
540279	Blake	New	Transportation	LD EV	Incremental	0.6	0	0	0	0	0	0	0	0	0	0	0
540275	Glen Ridge	Ongoing	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
540273	Payne	Completed	Transportation	LD EV	Incremental	1	0.63	0	0	0	0	0	0	0	0	0	0.63
540272	Purchase	Completed	Transportation	LD EV	Embedded	0.75	1.008	0	0	0	0	0	0	0	0	0	1.008
540269	Donert	Completed	Industrial	Facilities	Embedded	0.75	1.058	0	0	0	0	0	0	0	0	0	1.058
540265	Newman	Completed	Agriculture	Agriculture	Embedded	0.75	0.301	0	0	0	0	0	0	0	0	0	0.301
540264	Steelman	Ongoing	Commercial	Business	Embedded	0.75	0.252	0.2	0	0	0	0	0	0	0	0	0.452
540262	Green	Completed	Agriculture	Agriculture	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
540260	Gopher	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
540259	Pegaso	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540259	Russ Boyd	Completed	Industrial	Cultivation	Incremental	1	0	0	4	4	1	0	0	0	0	0	9
540258	Caterpillar	Ongoing	Industrial	Cultivation	Incremental	1	0	1.4	0	0	0	0	0	0	0	0	1.4
540257	International	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.64	0	0	0	0	0	0	0	0	0.64

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	[redacted]	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	[redacted]	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.083	0	0	0	0	0	0	0	0	0	2.083	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0.55	0	0	0	0	0	0	0	0	0.55	-56.00%
0.18	0	0	0	0	0	0	0	0	0	0.18	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871	[redacted]	0.059	0	0	0	0	0	0	0	0	0.059	7.27%
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0.55	0	0	0	0	0	0	0	0	0.55	0.00%
0.584	0	0	0	0	0	0	0	0	0	0.584	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.7675	0.345	0.345	0.345	0	0	0	0	0	0	1.8025	[redacted]	0.2675	0.041	0.041	0.041	0	0	0	0	0	0.3905	27.66%
0.54	0.54	0.54	0.54	0	0	0	0	0	0	2.16	[redacted]	0.04	0.236	0.236	0.236	0	0	0	0	0	0.748	52.97%
1.084	0	0	0	0	0	0	0	0	0	1.084	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
1.25	0	0	0	0	0	0	0	0	0	1.25	[redacted]	1.25	0	0	0	0	0	0	0	0	1.25	0.00%
0.27	0	0	0	0	0	0	0	0	0	0.27	[redacted]	0	0	0	0	0	0	0	0	0	0	-52.63%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
6.232	0	0	0	0	0	0	0	0	0	6.232	[redacted]	6.232	0	0	0	0	0	0	0	0	6.232	32.71%
1.5	2.1	0	0	0	0	0	0	0	0	3.6	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.354	0	0	0	0	0	0	0	0	0	1.354	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.35	0.35	0.35	0.35	0.35	0.25	0	0	0	0	2	[redacted]	0	0	0	0	0.1	0.25	0	0	0	0.35	0.00%
0.5	0.7	0	0	0	0	0	0	0	0	1.2	[redacted]	0	0.7	0	0	0	0	0	0	0	0.7	20.85%
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0.33	0	0	0	0	0	0	0	0	0.33	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.775	0.592	0.592	0.592	0.592	0.473	0	0	0	0	4.616	[redacted]	0	0	0	0	0	0	0	0	0	0	
2.383	0.477	0.477	0.477	0.477	0.477	0	0	0	0	4.768	[redacted]	0.383	-1.523	-1.523	-1.523	-1.523	0.477	0	0	0	-5.232	-60.27%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.36	0	0	0	0	0	0	0	0	0	0.36	[redacted]	0.035	0	0	0	0	0	0	0	0	0.035	10.77%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.3	0.3	0.3	0.3	0.3	0	0	0	0	0	1.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.716	0	0	0	0	0	0	0	0	0.716	[redacted]	-0.8	0.316	0	0	0	0	0	0	0	-0.484	-40.33%
0.774	0	0	0	0	0	0	0	0	0	0.774	[redacted]	0.774	0	0	0	0	0	0	0	0	0.774	0.00%
0.694	0	0	0	0	0	0	0	0	0	0.694	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.169	0	0	0	0	0	0	0	0	0	1.169	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.766	0	0	0	0	0	0	0	0	0	0.766	[redacted]	0.766	0	0	0	0	0	0	0	0	0.766	0.00%
0.6739	0	0	0	0	0	0	0	0	0	0.6739	[redacted]	0	0	0	0	0	0	0	0	0	0	-68.37%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.149	2.177	0	0	0	0	0	0	0	0	3.326	[redacted]	-1.028	2.177	0	0	0	0	0	0	0	1.149	0.00%
2.322	0	0	0	0	0	0	0	0	0	2.322	[redacted]	0.155	0	0	0	0	0	0	0	0	0.155	7.15%
1	2.061	0	0	0	0	0	0	0	0	3.061	[redacted]	0.5	1.061	-1	0	0	0	0	0	0	0.561	2.03%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.81	0	0	0	0	0	0	0	0	0	0.81	[redacted]	0.81	0	0	0	0	0	0	0	0	0.81	-0.37%
1.548	0	0	0	0	0	0	0	0	0	1.548	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	6.5	0	0	0	0	0	0	0	0	6.5	[redacted]	0	0	0	0	0	0	0	0	0	0	
3.5	0	0	0	0	0	0	0	0	0	3.5	[redacted]	-1	-6.5	0	0	0	0	0	0	0	-7.5	-68.18%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	12	0	0	0	0	0	0	0	0	12	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
12	0	57	15	0	0	0	0	0	0	84	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.9	0	0	0	0	0	0	0	0	0	0.9	[redacted]	0.9	0	0	0	0	0	0	0	0	0.9	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0	0.55	[redacted]	0.55	0	0	0	0	0	0	0	0	0.55	0.00%
1.25	0	0	0	0	0	0	0	0	0	1.25	[redacted]	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	[redacted]	0.33	0	0	0	0	0	0	0	0	0.33	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0.252	0.2	0	0	0	0	0	0	0	0.452	[redacted]	-0.2	0.252	0.2	0	0	0	0	0	0	0.252	0.00%
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	4	4	1	0	0	0	0	0	0	9	[redacted]	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	[redacted]	0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	0	1.4	[redacted]	0	0	0	0	0	0	0	0	0	0	0.00%
0.913	0	0	0	0	0	0	0	0	0	0.913	[redacted]	0.273	0	0	0	0	0	0	0	0	0.273	42.66%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2021-08-30	2022-01-01	2021-08-30	
N/A		2021-08-30	2022-01-01	2021-08-30	
N/A		2021-08-30	2023-01-01	2021-08-30	
N/A		2021-08-23	2022-01-01	2022-05-01	
No		2021-08-23	2023-01-01	2023-05-01	
Deferred3	1.25	2021-08-23	2023-01-01	2023-03-31	Modified
N/A		2021-08-23	2023-01-01	2021-09-13	
N/A		2021-08-20	2022-01-01	2021-12-01	
No		2021-08-20	2023-01-01	2023-01-01	
Deferred3	0.55	2021-08-20	2023-01-01	2022-10-31	
N/A		2021-08-11	2023-01-01	2022-12-31	
N/A		2021-08-06	2023-01-01	2023-10-01	
N/A		2021-08-06	2023-01-01	2022-11-30	
N/A		2021-08-06	2022-01-01	2021-10-15	
No		2021-08-02	2023-01-01	2021-04-01	
No		2021-08-02	2023-01-01	2021-04-01	
No		2021-07-29	2023-01-01	2023-01-01	
Deferred3	1.25	2021-07-29	2023-01-01	2022-10-31	
No		2021-07-28	2023-01-01	2022-01-31	
N/A		2021-07-27	2022-01-01	2022-06-01	
N/A		2021-07-27	2022-01-01	2022-06-01	
N/A		2021-07-27	2022-01-01	2022-06-01	
N/A		2021-07-27	2022-01-01	2022-06-01	
N/A		2021-07-27	2022-01-01	2022-06-01	
Deferred3	4.696	2021-07-19	2023-01-01	2022-08-01	
No		2021-07-15	2023-01-01	2022-12-31	
N/A		2021-07-09	2022-01-01	2021-10-24	
N/A		2021-07-09	2022-01-01	2022-06-01	
No		2021-07-09	2023-01-01	2022-09-01	
N/A		2021-07-09	2023-01-01	2021-11-12	
N/A		2021-07-08	2022-01-01	2022-05-01	
Deferred3	0.6	2021-06-30	2023-01-01	2022-01-01	
Deferred3	0.493	2021-06-30	2023-01-01	2022-01-31	
Deferred3	0.33	2021-06-29	2023-01-01	2021-11-01	
N/A		2021-06-21	2022-01-01	2021-11-01	
N/A		2021-06-21	2022-01-01	2021-12-31	
N/A		2021-06-21	2022-01-01	2021-12-31	
N/A		2021-06-21	2022-01-01	2021-12-31	
N/A		2021-06-15	2023-01-01	2021-05-04	
Deferred3	12	2021-06-15	2023-01-01	2021-05-04	
N/A		2021-06-09	2023-01-01	2023-01-01	
No		2021-06-04	2023-01-01	2022-06-01	
N/A		2021-06-04	2022-01-01	2022-10-10	
N/A		2021-06-03	2023-01-01	2023-06-01	
N/A		2021-06-03	2022-01-01	2023-06-01	
N/A		2021-06-01	2022-01-01	2021-06-01	
Deferred2	0.8	2021-05-26	2024-01-01	2021-05-24	
Deferred3	0.774	2021-05-20	2023-01-01	2023-01-31	
N/A		2021-05-17	2023-01-01	2022-12-29	
N/A		2021-05-17	2022-01-01	2022-12-29	
No		2021-05-13	2023-01-01	2023-06-01	
Deferred3	0.766	2021-05-11	2023-01-01	2023-04-30	
No		2021-05-11	2023-01-01	2022-03-31	
N/A		2021-05-07	2022-01-01	2022-07-01	
N/A		2021-05-06	2022-01-01	2022-06-01	
N/A		2021-05-04	2023-01-01	2021-12-31	
N/A		2021-05-04	2022-01-01	2022-06-01	
Deferred3	3.326	2021-05-04	2023-01-01	2022-12-30	
No		2021-05-03	2023-01-01	2023-04-01	
Accelerated		2021-04-30	2023-01-01	2021-04-21	
N/A		2021-04-29	2022-01-01	2021-04-29	
N/A		2021-04-29	2022-01-01	2022-06-01	
Deferred3	0.813	2021-04-29	2023-01-01	2023-01-01	
N/A		2021-04-26	2023-01-01	2022-10-01	
N/A		2021-04-12	2022-01-01	2022-06-01	
N/A		2021-04-06	2022-01-01	2021-11-17	
N/A		2021-04-01	2022-01-01	2021-12-03	
N/A		2021-03-31	2024-01-01	2021-09-01	
Accelerated		2021-03-31	2023-01-01	2021-09-01	
N/A		2021-03-31	2022-01-01	2021-03-31	
No		2021-03-30	2024-01-01	2026-06-30	
No		2021-03-30	2023-01-01	2026-06-30	
Deferred3	0.9	2021-03-29	2023-01-01	2022-12-31	
N/A		2021-03-26	2022-01-01	2021-03-26	
N/A		2021-03-23	2023-01-01	2023-01-01	
N/A		2021-03-18	2022-01-01	2022-01-01	
N/A		2021-03-18	2022-01-01	2022-01-01	
N/A		2021-03-18	2022-01-01	2022-01-01	
N/A		2021-03-18	2022-01-01	2022-01-01	
N/A		2021-03-18	2022-01-01	2022-01-01	
N/A		2021-03-18	2022-01-01	2022-10-01	
Deferred3	0.55	2021-03-17	2023-01-01	2022-09-28	
N/A		2021-03-16	2023-01-01	2022-11-10	
Deferred3	0.33	2021-03-15	2023-01-01	2021-12-31	
N/A		2021-03-12	2022-01-01	2021-09-01	
N/A		2021-03-12	2022-01-01	2021-03-12	
N/A		2021-03-10	2022-01-01	2021-12-31	
N/A		2021-03-10	2022-01-01	2022-01-01	
Deferred3	0.452	2021-03-08	2024-01-01	2023-07-23	
N/A		2021-03-03	2022-01-01	2022-06-01	
N/A		2021-03-03	2022-01-01	2022-06-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
No		2021-03-01	2023-01-01	2022-12-31	
No		2021-03-01	2023-01-01	2022-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
540256	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	0	1	0	0	0	0	0	0	1
540256	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540255	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	0	1	0	0	0	0	0	0	1
540255	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540254	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	0	1	0	0	0	0	0	0	1
540254	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540253	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	0	1	0	0	0	0	0	0	1
540253	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540252	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	1	0	0	0	0	0	0	0	1
540252	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540251	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	1	0	0	0	0	0	0	0	1
540251	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540250	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	1	0	0	0	0	0	0	0	1
540250	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540249	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	0	1	0	0	0	0	0	0	0	1
540249	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540248	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1	0	0	0	0	0	0	0	0	1
540248	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540247	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1	0	0	0	0	0	0	0	0	1
540247	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540246	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1	0	0	0	0	0	0	0	0	1
540246	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540245	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1	0	0	0	0	0	0	0	0	1
540245	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540244	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1	0	0	0	0	0	0	0	0	1
540244	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540243	Kingpin	Completed	Industrial	Cultivation	Incremental	1	0	1.56	0	0	0	0	0	0	0	0	1.56
540243	Volvo	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
540242	Davenport	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.2182	0.8471	0.5281	0.5281	0.4274	0	0	0	0	2.5489
540238	Mcclure	Completed	Agriculture	Agriculture	Embedded	0.75	0.36	0	0	0	0	0	0	0	0	0	0.36
540236	Flatcar	Completed	Transportation	LD EV	Incremental	0.75	0.8129	0	0	0	0	0	0	0	0	0	0.8129
540234	Ahoy	Completed	Industrial	Plants	Embedded	0.75	0	0.9	0.9	0	4	0	0	0	0	0	5.8
540233	Teapot	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
540232	Quail	Completed	Agriculture	Agriculture	Embedded	0.75	0.321	0	0	0	0	0	0	0	0	0	0.321
540231	Campbell	Completed	Commercial	Other	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
540228	Elster	Completed	Commercial	Other	Embedded	0.75	0.2826	0	0	0	0	0	0	0	0	0	0.2826
540226	Halter	Completed	Industrial	Facilities	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
540223	Octane	Ongoing	Transportation	LD EV	Incremental	0.6	0.95	0	0	0	0	0	0	0	0	0	0.95
540221	Hack	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
540220	Welch	Completed	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
540219	Beaver	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
519594	Pearcy	Completed	Transportation	LD EV	Incremental	1	0.15	0	0	0	0	0	0	0	0	0	0.15
519592	Sargent	Completed	Agriculture	Agriculture	Embedded	0.75	0.162	0	0	0	0	0	0	0	0	0	0.162
519590	Dina	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
519590	International	Completed	Industrial	Cultivation	Incremental	1	3.915	0	0	0	0	0	0	0	0	0	3.915
519590	Pegaso	Completed	Industrial	Cultivation	Incremental	1	3.915	0	0	0	0	0	0	0	0	0	3.915
519589	Kingpin	Completed	Industrial	Cultivation	Incremental	1	1	0	0	0	0	0	0	0	0	0	1
519589	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
519587	Pegaso	Completed	Industrial	Cultivation	Incremental	1	0	3.4875	0	0	0	0	0	0	0	0	3.4875
519587	Renault	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
519585	Merrit	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
519584	Cloer	Completed	Industrial	Plants	Embedded	0.75	0.5625	0	0	0	0	0	0	0	0	0	0.5625
519581	Midge	Completed	Agriculture	Agriculture	Embedded	0.75	0.615	0	0	0	0	0	0	0	0	0	0.615
519580	Richgrove	Completed	Agriculture	Agriculture	Embedded	0.75	0.65	0	0	0	0	0	0	0	0	0	0.65
519577	Bowman	Ongoing	Commercial	Business	Embedded	0.75	1.102	0	0	0	0	0	0	0	0	0	1.102
519576	Klamath	Completed	Agriculture	Agriculture	Embedded	0.75	0.448	0	0	0	0	0	0	0	0	0	0.448
519573	Patio	Completed	Transportation	LD EV	Incremental	1	0.558	0.558	0	0	0	0	0	0	0	0	1.116
519572	Patio	Ongoing	Transportation	LD EV	Incremental	1	1.7	3.387	0	0	0	0	0	0	0	0	5.087
519571	Green	Completed	Agriculture	Agriculture	Embedded	0.75	0.2391	0	0	0	0	0	0	0	0	0	0.2391
519570	Drake	Completed	Industrial	Plants	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
519569	Valente	Completed	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519567	Budd	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
519566	Swanson	Completed	Commercial	Education	Embedded	0.75	0.4761	0	0	0	0	0	0	0	0	0	0.4761
519565	Osner	Completed	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519564	Hack	Completed	Agriculture	Agriculture	Embedded	0.75	0.2413	0	0	0	0	0	0	0	0	0	0.2413
519563	Mar Vista	Completed	Transportation	LD EV	Incremental	0.7	0.774	0	0	0	0	0	0	0	0	0	0.774
519562	Tagus	Completed	Agriculture	Agriculture	Embedded	0.75	0.267	0	0	0	0	0	0	0	0	0	0.267
519561	Green	Ongoing	Agriculture	Agriculture	Embedded	0.75	0	0.3261	0	0	0	0	0	0	0	0	0.3261
519554	Oakland	Completed	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519553	Callison	Completed	Agriculture	Agriculture	Embedded	0.75	0.2174	0	0	0	0	0	0	0	0	0	0.2174
519552	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
519549	Cedar Glen	Completed	Transportation	LD EV	Incremental	1	0.542	0	0	0	0	0	0	0	0	0	0.542
519548	Highway Six	Completed	Transportation	LD EV	Incremental	1	0.813	0	0	0	0	0	0	0	0	0	0.813
519546	Oliver	Ongoing	Industrial	Cultivation	Incremental	0.75	1	1	0	0	0	0	0	0	0	0	2
519543	Arlington	Ongoing	Commercial	Business	Embedded	0.75	1.5	1.5	0	0	0	0	0	0	0	0	3
519542	Brewer	Completed	Industrial	Plants	Embedded	0.75	2.45	2.45	0	0	0	0	0	0	0	0	4.9
519541	Andes	Completed	Industrial	Facilities	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
519540	Andes	Ongoing	Industrial	Plants	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
519538	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.675	0	0	0	0	0	0	0	0	0	0.675
519538	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
519537	Vassal	Ongoing	Commercial	Business	Embedded	0.75	0.385	0	0	0	0	0	0	0	0	0	0.385
519536	Pulaski	Completed	Industrial	Facilities	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
519534	Klamath	Completed	Agriculture	Agriculture	Embedded	0.75	0.325	0	0	0	0	0	0	0	0	0	0.325
519533	Franc	Completed	Commercial	Education	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519532	Bobbit	Ongoing	Commercial	Business	Embedded	0.75	0.53	0	0	0	0	0	0	0	0	0	0.53
519528	Marauder	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.372	0	0	0	0	0	0	0	0	0	0.372
519527	Trabuco	Completed	Transportation	LD EV	Incremental	1	0.35	0	0	0	0	0	0	0	0	0	0.35
519524	Pistachio	Completed	Transportation	LD EV	Incremental	0.75	0.401	0	0	0	0	0	0	0	0	0	0.401
519523	Pecan	Completed	Industrial	Facilities	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
519521	Avanti	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.33	0.27	0	0	0	0	0	0	0	0.9
519518	Gurney	Ongoing	Industrial	Facilities	Embedded	0.75	1.1	0	0	0	0	0	0	0	0	0	1.1
519517	Carlet	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
519516	Plummer	Ongoing	Commercial	Business	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
519515	Plummer	Ongoing	Commercial	Business	Embedded	0.75	1	1	0.25	0	0	0	0	0	0	0	2.25
519514	Chablis	Ongoing	Commercial	Business	Embedded	0.75	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	3.8

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0	1

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2025-01-01	2025-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2024-01-01	2024-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2023-01-01	
N/A		2021-03-01	2023-01-01	2022-12-31	
N/A		2021-03-01	2023-01-01	2022-12-31	
N/A		2021-03-01	2023-01-01	2022-06-01	
N/A		2021-03-01	2023-01-01	2022-06-01	
Deferred3	2.0208	2021-02-25	2024-01-01	2024-06-01	
N/A		2021-02-22	2022-01-01	2022-01-01	
N/A		2021-02-12	2022-01-01	2021-11-01	
N/A		2021-02-10	2023-01-01	2022-07-01	
N/A		2021-02-08	2022-01-01	2022-06-01	
N/A		2021-02-08	2022-01-01	2022-06-01	
N/A		2021-02-08	2022-01-01	2022-06-01	
N/A		2021-02-01	2022-01-01	2022-06-01	
N/A		2021-01-20	2022-01-01	2021-11-01	
Deferred3	0.95	2021-01-15	2023-01-01	2022-11-01	
N/A		2021-01-15	2022-01-01	2022-06-01	
N/A		2021-01-15	2022-01-01	2022-06-01	
N/A		2021-01-15	2022-01-01	2022-06-01	
N/A		2021-01-05	2022-01-01	2020-12-03	
N/A		2021-01-04	2022-01-01	2022-01-01	
N/A		2020-12-29	2024-01-01	2020-12-31	
N/A		2020-12-29	2022-01-01	2020-12-31	
N/A		2020-12-29	2022-01-01	2020-12-31	
N/A		2020-12-29	2022-01-01	2022-12-31	
N/A		2020-12-29	2023-01-01	2022-12-31	
N/A		2020-12-29	2023-01-01	2022-06-01	
N/A		2020-12-29	2023-01-01	2022-06-01	
N/A		2020-12-23	2022-01-01	2022-06-01	
N/A		2020-12-23	2022-01-01	2022-06-01	
N/A		2020-12-23	2022-01-01	2022-06-01	
N/A		2020-12-23	2022-01-01	2022-06-01	
Deferred3	1.102	2020-12-22	2023-01-01	2022-12-31	
N/A		2020-12-09	2022-01-01	2022-01-01	
N/A		2020-11-24	2022-01-01	2021-10-30	
No		2020-11-24	2023-01-01	2022-12-31	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-06-01	
N/A		2020-11-23	2022-01-01	2022-01-01	
N/A		2020-11-20	2022-01-01	2020-12-31	
No		2020-11-20	2023-01-01	2022-06-01	
N/A		2020-11-12	2022-01-01	2020-12-31	
N/A		2020-11-10	2022-01-01	2022-06-01	
N/A		2020-11-09	2022-01-01	2022-06-01	
N/A		2020-10-29	2022-01-01	2021-11-11	
N/A		2020-10-29	2022-01-01	2021-09-02	
No		2020-10-29	2023-01-01	2023-01-01	
Deferred3	3	2020-10-25	2023-01-01	2022-06-01	
N/A		2020-10-25	2022-01-01	2022-01-01	
N/A		2020-10-25	2022-01-01	2022-01-01	
Deferred3	1.2	2020-10-25	2023-01-01	2022-06-01	
N/A		2020-10-23	2022-01-01	2021-06-01	
N/A		2020-10-23	2023-01-01	2021-06-01	
Deferred3	0.385	2020-10-23	2023-01-01	2022-06-01	
N/A		2020-10-23	2022-01-01	2022-01-01	
N/A		2020-10-23	2022-01-01	2020-12-31	
N/A		2020-10-22	2022-01-01	2020-10-22	
Deferred3	0.53	2020-10-22	2023-01-01	2022-06-01	
Deferred3	0.372	2020-10-22	2023-01-01	2020-12-31	
N/A		2020-10-21	2022-01-01	2020-10-21	
N/A		2020-10-21	2022-01-01	2020-10-21	
N/A		2020-10-21	2022-01-01	2020-10-21	
No		2020-10-19	2023-01-01	2023-01-01	
Deferred3	1.1	2020-10-18	2023-01-01	2023-01-01	
No		2020-10-18	2023-01-01	2023-01-01	
Deferred3	0.7	2020-10-18	2023-01-01	2023-01-01	
Deferred3	1.25	2020-10-18	2023-01-01	2023-01-01	
No		2020-10-18	2023-01-01	2022-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
519514	Diaz	Ongoing	Commercial	Business	Embedded	0.75	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	3.8
519513	Pottery	Ongoing	Industrial	Other	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519512	Starglow	Completed	Commercial	Business	Embedded	0.75	1	1	0	0	0	0	0	0	0	0	2
519512	Carbine	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
519511	Starglow	Ongoing	Commercial	Business	Embedded	0.75	0	0.5	0.5	0	0	0	0	0	0	0	1
519509	Silver	Ongoing	Industrial	Facilities	Embedded	0.75	0	2	0	0	2.1	0	0	0	0	0	4.1
519508	Bingo	Ongoing	Industrial	Cultivation	Incremental	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
519505	Begonia	Completed	Commercial	Business	Embedded	0.75	0.45	0	0	0	0	0	0	0	0	0	0.45
519504	Sakioka	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519503	Garrett	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.287	0	0	0	0	0	0	0	0	0.587
519502	Garrett	Completed	Residential	Home Construction	Embedded	0.6	0.4	0.359	0	0	0	0	0	0	0	0	0.759
519501	Danish	Ongoing	Residential	Home Construction	Embedded	0.75	0.6	0.7	0	0	0	0	0	0	0	0	1.3
519500	Danish	Completed	Residential	Home Construction	Embedded	0.6	0.49	0	0	0	0	0	0	0	0	0	0.49
519499	Borba	Ongoing	Commercial	Business	Embedded	0.75	1.666	1.667	1.667	0	0	0	0	0	0	0	5
519495	Jade	Completed	Commercial	Education	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
519494	Farallon	Ongoing	Residential	Home Construction	Embedded	0.75	0.44	0	0	0	0	0	0	0	0	0	0.44
519492	Farallon	Completed	Transportation	LD EV	Incremental	1	0.875	0	0	0	0	0	0	0	0	0	0.875
519491	Jade	Ongoing	Commercial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
519490	Schilling	Ongoing	Transportation	LD EV	Incremental	1	1.084	0	0	0	0	0	0	0	0	0	1.084
519487	Tolar	Ongoing	Commercial	Business	Embedded	0.75	1.25	1.25	0	0	0	0	0	0	0	0	2.5
519485	Huskie	Ongoing	Transportation	LD EV	Incremental	1	0.812	0	0	0	0	0	0	0	0	0	0.812
519484	Beagle	Ongoing	Transportation	LD EV	Incremental	1	1.288	0	0	0	0	0	0	0	0	0	1.288
519483	Artist	Completed	Transportation	LD EV	Incremental	1	0.542	0	0	0	0	0	0	0	0	0	0.542
519481	Rossmoor	Completed	Transportation	LD EV	Incremental	1	0.3	0	0	0	0	0	0	0	0	0	0.3
519476	Avenger	Ongoing	Residential	Home Construction	Embedded	0.75	0.88	0.88	0	0	0	0	0	0	0	0	1.76
519475	Reche	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
519472	Corporal	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.75	0.75	0.5	0	0	0	0	0	0	2
519471	Callaway	Ongoing	Residential	Home Construction	Embedded	0.75	0.7	0.3	0	0	0	0	0	0	0	0	1
519470	Sonoma	Ongoing	Residential	Home Construction	Embedded	0.75	0.325	0.65	0.325	0	0	0	0	0	0	0	1.3
519469	Lockner	Ongoing	Residential	Home Construction	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
519468	Corsair	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519467	Outlaw	Completed	Residential	Home Construction	Embedded	0.75	0.09	0	0	0	0	0	0	0	0	0	0.09
519466	Ambrus	Completed	Commercial	Other	Embedded	0.75	2.06	0	0	0	0	0	0	0	0	0	2.06
519465	Photon	Completed	Commercial	Business	Embedded	0.75	0	0.8	0	0	0	0	0	0	0	0	0.8
519464	Photon	Ongoing	Residential	Home Construction	Embedded	0.75	0.4	0.4	0	0	0	0	0	0	0	0	0.8
519462	Beeler	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
519460	Keller	Ongoing	Commercial	Business	Embedded	0.75	1	0.5	0	0	0	0	0	0	0	0	1.5
519458	Appalousa	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	1.5	1	0	0	0	0	0	0	0	3
519457	Bateman	Completed	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
519456	Edwin	Ongoing	Commercial	Business	Embedded	0.75	0.25	0.25	0	0	0	0	0	0	0	0	0.5
519455	Hackler	Cancelled	Residential	Home Construction	Embedded	0.75	0	0.6	0	0	0	0	0	0	0	0	0.6
519453	Carbine	Completed	Commercial	Business	Embedded	0.75	0	1	0.5	0	0	0	0	0	0	0	1.5
519452	Havoc	Completed	Transportation	MD/HD EV	Incremental	1	0.558	0	0	0	0	0	0	0	0	0	0.558
519451	La Porte	Ongoing	Residential	Other	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
519450	Carbine	Completed	Commercial	Business	Embedded	0.75	0.35	0.35	0	0	0	0	0	0	0	0	0.7
519449	Carbine	Completed	Industrial	Facilities	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
519448	Corinth	Ongoing	Commercial	Health Care	Embedded	0.75	0	0	3	0	0	0	0	0	0	0	3
519447	Halfback	Ongoing	Commercial	Business	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
519446	Blitz	Completed	Commercial	Business	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
519445	Tackle	Completed	Commercial	Business	Embedded	0.75	0.1	0	0	0	0	0	0	0	0	0	0.1
519444	Pigskin	Ongoing	Commercial	Health Care	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
519443	Dorof	Ongoing	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519442	Clydesdale	Ongoing	Commercial	Health Care	Embedded	0.75	1	1	0	0	0	0	0	0	0	0	2
519441	Luiseno	Ongoing	Commercial	Other	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519438	Cruz	Completed	Commercial	Other	Embedded	0.75	0	0	0.3	0	0	0	0	0	0	0	0.3
519437	Callaway	Ongoing	Commercial	Business	Embedded	0.75	0	0.4	0	0	0	0	0	0	0	0	0.4
519436	Rhine	Completed	Agriculture	Agriculture	Embedded	0.75	1.571	0	0	0	0	0	0	0	0	0	1.571
519435	Colt	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
519434	Callaway	Completed	Commercial	Business	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519432	Dartmouth	Completed	Commercial	Business	Embedded	0.75	0.0109	0	0	0	0	0	0	0	0	0	0.0109
519431	Dartmouth	Ongoing	Commercial	Business	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
519429	Dartmouth	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519428	Dartmouth	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519427	Chaney	Completed	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519426	Marendale	Completed	Commercial	Business	Embedded	0.75	0.925	0	0	0	0	0	0	0	0	0	0.925
519425	Lauda	Completed	Agriculture	Agriculture	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
519423	Spillway	Completed	Industrial	Plants	Embedded	0.75	1.1	0	0	0	0	0	0	0	0	0	1.1
519420	Tigris	Ongoing	Industrial	Facilities	Embedded	0.75	0.2	2.8	0	0	0	0	0	0	0	0	3
519419	Dearborn	Completed	Transportation	MD/HD EV	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
519417	Chollita	Completed	Commercial	Business	Embedded	0.75	0.1	0	0	0	0	0	0	0	0	0	0.1
519416	Burnt Mountain	Completed	Industrial	Other	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
519415	Phantom	Ongoing	Commercial	Business	Embedded	1	0	4.6	4.5	0	0	0	0	0	0	0	9.1
519414	Havoc	Ongoing	Commercial	Business	Embedded	1	4.8	0	0	0	0	0	0	0	0	0	4.8
519413	Havoc	Ongoing	Commercial	Business	Embedded	1	0	8.8	0	0	0	0	0	0	0	0	8.8
519411	Torson	New	Commercial	Health Care	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
519410	Kernan	Ongoing	Transportation	LD EV	Incremental	1	1.103	0	0	0	0	0	0	0	0	0	1.103
519409	Caravel	Completed	Industrial	Plants	Embedded	0.75	0.95	0	0	0	0	0	0	0	0	0	0.95
519408	Laird	Ongoing	Transportation	LD EV	Incremental	1	0.813	0	0	0	0	0	0	0	0	0	0.813
519407	Spa	Ongoing	Commercial	Other	Embedded	0.75	0	0.383	0	0	0	0	0	0	0	0	0.383
519403	Alaska	Completed	Residential	Home Construction	Embedded	0.75	0	3	0	0	0	0	0	0	0	0	3
519401	Angelina	Ongoing	Commercial	Business	Embedded	0.75	0	1.25	0	0	0	0	0	0	0	0	1.25
519400	Invader	Ongoing	Industrial	Cultivation	Incremental	0.75	1.275	0	0	0	0	0	0	0	0	0	1.275
519399	Addis	Completed	Transportation	LD EV	Incremental	0.5	0.95	0	0	0	0	0	0	0	0	0	0.95
519398	Invader	Ongoing	Industrial	Cultivation	Incremental	0.75	0.941	0	0	0	0	0	0	0	0	0	0.941
519397	Nelson	Completed	Commercial	Other	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
519396	Delco	Completed	Residential	Home Construction	Embedded	0.75	1.05	0	0	0	0	0	0	0	0	0	1.05
519393	Shoreline	Completed	Residential	Home Construction	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
519391	Orchardale	Completed	Commercial	Business	Embedded	0.75	0.34	0	0	0	0	0	0	0	0	0	0.34
519387	Houston	Completed	Agriculture	Agriculture	Embedded	0.75	0.225	0	0	0	0	0	0	0	0	0	0.225
519386	Petrol	Completed	Commercial	Health Care	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519385	General Petroleum	Ongoing	Commercial	Other	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519383	Blake	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519382	Sumac	Completed	Industrial	Cultivation	Incremental	0.75	1.6	0	0	0	0	0	0	0	0	0	1.6
519382	Raul	New	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
519379	Honor	Ongoing	Residential	Other	Embedded	0.75	0	0.323	0	55	0	0	0	0	0	0	0.323

PY23 (MVA)											
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853

Difference between PY22 & PY23 (MVA)										
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0	3.5	0	0	0	0	0	0	0	0	0	0	-7.89%
0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
0.5	0.5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.00%
0.833	0.833	0	0	0	0	0	0	0	0	1.666	-1.167	0.833	0	-2.1	0	0	0	0	0	-2.434	-59.37%
1.2	0	0	0	0	0	0	0	0	0	1.2	1.2	0	0	0	0	0	0	0	0	1.2	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.54	0.54	0	0.563	0.563	0	0	0	0	0	2.206	0.253	0.54	0	0.563	0.563	0	0	0	0	1.919	275.81%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.515	0.225	0.45	0.45	0	0	0	0	0	0	1.64	-0.185	0.225	0.45	0.45	0	0	0	0	0	0.94	26.15%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.5	1	0	0	0	0	0	0	0	0	2.5	-0.167	-0.667	0	0	0	0	0	0	0	-0.834	-50.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0.4	-9.09%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.237	0	0	0	0	0	0	0	0	0	1.237	1.237	0	0	0	0	0	0	0	0	1.237	-17.53%
0	1.084	0	0	0	0	0	0	0	0	1.084	0	1.084	0	0	0	0	0	0	0	1.084	0.00%
0.875	0.875	0	0	0	0	0	0	0	0	1.75	-0.375	0.875	0	0	0	0	0	0	0	0.5	-30.00%
0.812	0	0	0	0	0	0	0	0	0	0.812	0.812	0	0	0	0	0	0	0	0	0.812	0.00%
1.084	0	0	0	0	0	0	0	0	0	1.084	1.084	0	0	0	0	0	0	0	0	1.084	-15.84%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.88	0.88	0	0	0	0	0	0	0	0	1.76	0	0.88	0	0	0	0	0	0	0	0.88	0.00%
0.3	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.00%
0.75	0.75	0.5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0.00%
0.7	0.5	0	0	0	0	0	0	0	0	1.2	0.4	0.5	0	0	0	0	0	0	0	0.9	20.00%
0.33	0.65	0.33	0	0	0	0	0	0	0	1.31	-0.32	0.325	0.33	0	0	0	0	0	0	0.335	0.77%
0.12	0	0	0	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0	0	0	0.12	-52.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0	-50.00%
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	-50.00%
0.5	0.3	0	0	0	0	0	0	0	0	0.8	0	0.3	0	0	0	0	0	0	0	0.3	-46.67%
1	2	0	0	0	0	0	0	0	0	3	-0.5	1	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.25	0.25	0	0	0	0	0	0	0	0	0.5	0	0.25	0	0	0	0	0	0	0	0.25	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	3	0	0	0	0	0	0	3	0	-3	0	3	0	0	0	0	0	0	0.00%
0.1	0	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0	0	0.1	-50.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.5	0.5	0	0	0	0	0	0	0	0	1	0	0.5	0	0	0	0	0	0	0	0.5	0.00%
0	0.5	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0	0	0	0	0	0.5	0.00%
1	0.8	0	0	0	0	0	0	0	0	1.8	0	0.8	0	0	0	0	0	0	0	0.8	-10.00%
0	0.5	0.5	0	0	0	0	0	0	0	1	0	0.5	0.5	0	0	0	0	0	0	1	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0.4	0	0	0	0	0	0	0	0.4	-0.4	0	0.4	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.375	0.375	0	0	0	0	0	0	0	0	0.75	0.375	0.375	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0	0	0	0.6	0.00%
0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0.4	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0.4	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.8	0	0	0	0	0	0	0	0	0	2.8	0	0	0	0	0	0	0	0	0	0	-6.67%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	4.6	4.5	0	0	0	0	0	0	0	9.1	-4.6	0.1	4.5	0	0	0	0	0	0	0	0.00%
5.32	0	0	0	0	0	0	0	0	0	5.32	5.32	0	0	0	0	0	0	0	0	5.32	10.83%
0	8.8	0	0	0	0	0	0	0	0	8.8	-8.8	8.8	0	0	0	0	0	0	0	0	0.00%
0	0	1.2	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0	
1.083	0	0	0	0	0	0	0	0	0	1.083	1.083	0	0	0	0	0	0	0	0	1.083	-1.81%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.33	0	0	0	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0	0	0	0.33	-59.41%
0.383	0	0	0	0	0	0	0	0	0	0.383	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.25	0	0	0	0	0	0	0	0	0	1.25	0	0	0	0	0	0	0	0	0	0	0.00%
1.275	0	0	0	0	0	0	0	0	0	1.275	1.275	0	0	0	0	0	0	0	0	1.275	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.941	0	0	0	0	0	0	0	0	0	0.941	0.941	0	0	0	0	0	0	0	0	0.941	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.6	0	0	0	0	0	0	0	0	0	1.6	0	0	0	0	0	0	0	0	0	0	
0.323	0	0	0	0	0	0	0	0	0	0.323	0	0	0	0	0	0	0	0	0	0	0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
No		2020-10-18	2023-01-01	2022-06-01	
Deferred3	1	2020-10-18	2024-01-01	2024-01-01	
N/A		2020-10-18	2022-01-01	2022-01-01	
N/A		2020-10-18	2023-01-01	2023-01-01	
No		2020-10-18	2023-01-01	2023-01-01	
Accelerated		2020-10-18	2023-01-01	2020-09-01	
Deferred3	1.2	2020-10-17	2023-01-01	2020-10-17	
N/A		2020-10-17	2022-01-01	2020-10-17	
N/A		2020-10-17	2022-01-01	2020-10-20	
Deferred3	0.587	2020-10-17	2023-01-01	2022-06-01	
N/A		2020-10-17	2022-01-01	2022-01-01	
Deferred3	1.3	2020-10-17	2023-01-01	2021-06-01	
N/A		2020-10-17	2022-01-01	2022-01-01	
No		2020-10-17	2023-01-01	2022-12-31	
N/A		2020-10-17	2022-01-01	2020-10-17	
Deferred3	0.44	2020-10-17	2023-01-01	2020-10-17	
N/A		2020-10-17	2022-01-01	2020-10-17	
Deferred3	1.5	2020-10-17	2023-01-01	2020-10-16	
Deferred3	1.084	2020-10-16	2024-01-01	2020-10-16	519490 is a Tesla project. Included originally in the forecast, moving forward. Project marked as cancelled last year, it wa
Deferred3	2.5	2020-10-16	2023-01-01	2020-10-16	
Deferred3	0.812	2020-10-16	2023-01-01	2020-10-16	
Deferred3	1.288	2020-10-16	2023-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2020-10-16	
Deferred3	0.88	2020-10-16	2023-01-01	2023-01-01	
No		2020-10-16	2023-01-01	2023-01-01	
No		2020-10-16	2023-01-01	2023-01-01	
Deferred3	1	2020-10-16	2023-01-01	2023-01-01	
Deferred3	1.3	2020-10-16	2023-01-01	2023-01-01	
Deferred3	0.25	2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2022-01-01	2022-06-01	
N/A		2020-10-16	2023-01-01	2023-01-01	
No		2020-10-16	2023-01-01	2022-06-01	
No		2020-10-16	2023-01-01	2023-01-01	
Deferred3	1	2020-10-16	2023-01-01	2023-01-01	
No		2020-10-16	2023-01-01	2022-10-01	
N/A		2020-10-16	2022-01-01	2022-06-01	
Deferred3	0.25	2020-10-16	2023-01-01	2022-01-01	
N/A		2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2022-01-01	2022-04-01	
No		2020-10-16	2023-01-01	2024-06-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
Deferred3	3	2020-10-16	2026-01-01	2026-01-01	
Deferred3	0.2	2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2022-01-01	2021-10-01	
N/A		2020-10-16	2022-01-01	2021-01-01	
Deferred3	0.5	2020-10-16	2023-01-01	2023-01-01	
Deferred3	0.5	2020-10-16	2024-01-01	2021-06-01	
Deferred3	1	2020-10-16	2023-01-01	2023-01-01	
Deferred3	1	2020-10-16	2024-01-01	2021-06-01	
N/A		2020-10-16	2024-01-01	2024-01-01	
Deferred3	0.4	2020-10-16	2025-01-01	2022-07-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
Deferred3	0.75	2020-10-16	2023-01-01	2021-06-01	
N/A		2020-10-16	2022-01-01	2021-11-04	
N/A		2020-10-16	2022-01-01	2021-06-01	
Deferred3	0.6	2020-10-16	2023-01-01	2021-06-01	
Deferred3	0.5	2020-10-16	2023-01-01	2023-01-01	
Deferred3	0.4	2020-10-16	2023-01-01	2022-06-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2022-01-01	2022-06-01	
N/A		2020-10-16	2022-01-01	2022-06-01	
No		2020-10-16	2023-01-01	2022-06-01	
N/A		2020-10-16	2022-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2021-06-01	
N/A		2020-10-16	2022-01-01	2021-06-01	
Deferred3	9.1	2020-10-16	2024-01-01	2021-01-01	
Deferred3	4.8	2020-10-16	2023-01-01	2021-01-01	
Deferred3	8.8	2020-10-16	2024-01-01	2021-01-01	
N/A		2020-10-16	2025-01-01	2020-10-16	
Deferred3	1.103	2020-10-16	2023-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2020-10-16	
Deferred3	0.813	2020-10-16	2023-01-01	2020-10-16	
No		2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2023-01-01	2022-12-31	
No		2020-10-16	2023-01-01	2022-12-31	
Deferred3	1.275	2020-10-16	2023-01-01	2021-12-31	
N/A		2020-10-16	2022-01-01	2021-11-01	
Deferred3	0.941	2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2022-01-01	2021-12-31	
N/A		2020-10-16	2022-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2022-05-01	
N/A		2020-10-16	2022-01-01	2020-10-16	
N/A		2020-10-16	2022-01-01	2022-06-01	
N/A		2020-10-16	2022-01-01	2021-09-17	
Deferred3	1	2020-10-16	2023-01-01	2023-06-01	
N/A		2020-10-16	2022-01-01	2022-07-30	
N/A		2020-10-16	2022-01-01	2022-01-01	
N/A		2020-10-16	2023-01-01	2023-01-01	
No		2020-10-16	2023-01-01	2023-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
519376	Gerona	Ongoing	Residential	Other	Embedded	0.75	0	0.938	0	0	0	0	0	0	0	0	0.938
519375	Bogey	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.333	0.333	0.334	0	0	0	0	0	0	1
519372	Lettuce	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.215	0.215	0	0	0	0	0	0	0	0.43
519371	Pat	Completed	Residential	Home Construction	Embedded	0.75	0.672	0	0	0	0	0	0	0	0	0	0.672
519370	Gregg	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.8	0	0	0	0	0	0	0	0	0.8
519369	Velma	Ongoing	Commercial	Business	Embedded	0.75	0	0.57	0	0	0	0	0	0	0	0	0.57
519368	Velma	Completed	Residential	Home Construction	Embedded	0.75	0.42	0	0	0	0	0	0	0	0	0	0.42
519367	Velma	Ongoing	Commercial	Business	Embedded	0.75	0	1.25	0	0	0	0	0	0	0	0	1.25
519366	Exline	Completed	Residential	Other	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
519365	Almansor	Ongoing	Residential	Other	Embedded	0.75	0	0.714	0	0	0	0	0	0	0	0	0.714
519364	Almansor	Completed	Residential	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
519363	Kay	Completed	Commercial	Health Care	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519362	Kay	Completed	Commercial	Health Care	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519359	Rhumba	Ongoing	Commercial	Education	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
519358	Halldale	Completed	Commercial	Other	Embedded	0.75	0.575	0	0	0	0	0	0	0	0	0	0.575
519357	Janae	Completed	Residential	Home Construction	Embedded	0.75	0.527	0	0	0	0	0	0	0	0	0	0.527
519353	Purchase	Completed	Commercial	Other	Embedded	0.75	0.53	0	0	0	0	0	0	0	0	0	0.53
519348	Alvera	Completed	Commercial	Other	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
519347	Sherbourne	Cancelled	Commercial	Business	Embedded	0.75	2.871	0	0	0	0	0	0	0	0	0	2.871
519342	Interstate	Ongoing	Commercial	Business	Embedded	0.75	3.479	0	0	0	0	0	0	0	0	0	3.479
519340	Bride	Ongoing	Commercial	Business	Embedded	0.75	0	0.7	0	0	0	0	0	0	0	0	0.7
519339	Lock	Ongoing	Residential	Home Construction	Embedded	0.75	0.23	0	0	0	0	0	0	0	0	0	0.23
519338	Flycatcher	Completed	Commercial	Other	Embedded	0.75	0.39	0	0	0	0	0	0	0	0	0	0.39
519335	Crossley	Completed	Industrial	Cultivation	Incremental	0.75	4	0	0	0	0	0	0	0	0	0	4
519334	Conveyor	Completed	Commercial	Business	Embedded	0.75	0.848	0	0	0	0	0	0	0	0	0	0.848
519333	Machine	Ongoing	Commercial	Business	Embedded	0.75	1.73	0	0	0	0	0	0	0	0	0	1.73
519332	Suzy	Completed	Commercial	Other	Embedded	0.75	1.034	0	0	0	0	0	0	0	0	0	1.034
519331	Relish	Completed	Commercial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
519330	Westfield	Completed	Commercial	Other	Embedded	0.75	0.667	0	0	0	0	0	0	0	0	0	0.667
519329	Medal	Completed	Commercial	Business	Embedded	0.75	0.877	0	0	0	0	0	0	0	0	0	0.877
519328	Medal	Cancelled	Commercial	Health Care	Embedded	0.75	1.035	0	0	0	0	0	0	0	0	0	1.035
519327	Hallsworth	Ongoing	Commercial	Business	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
519326	Mendoza	Completed	Commercial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
519325	Semester	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
519325	Teacher	Ongoing	Industrial	Facilities	Embedded	0.75	3	3	0	0	0	0	0	0	0	0	6
519324	Trigo	Completed	Residential	Home Construction	Embedded	0.75	0.704	0	0	0	0	0	0	0	0	0	0.704
519321	Duffer	Completed	Transportation	LD EV	Incremental	1	0.525	0	0	0	0	0	0	0	0	0	0.525
519320	Padre	Ongoing	Transportation	LD EV	Incremental	1	1.084	0	0	0	0	0	0	0	0	0	1.084
519318	Filly	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.51	0	0	0	0	0	0	0	0	0.51
519315	Gearline	Completed	Commercial	Other	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
519314	Gladiola	Completed	Commercial	Business	Embedded	0.75	1.05	0	0	0	0	0	0	0	0	0	1.05
519313	Sandra	Ongoing	Residential	Home Construction	Embedded	0.75	0.47	0	0	0	0	0	0	0	0	0	0.47
519311	Grizzley	Ongoing	Commercial	Other	Embedded	0.75	0.57	0	0	0	0	0	0	0	0	0	0.57
519302	Seminary	Completed	Commercial	Education	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
519301	Schooner	Completed	Residential	Home Construction	Embedded	0.75	0	0.325	0	0	0	0	0	0	0	0	0.325
519300	Tico	Cancelled	Industrial	Other	Embedded	0.75	0	0.86	0	0	0	0	0	0	0	0	0.86
519299	Mugu	Ongoing	Commercial	Business	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
519296	Ditch	Ongoing	Commercial	Education	Embedded	0.75	0	2.75	0	0	0	0	0	0	0	0	2.75
519293	Beardsley	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
519291	Boyer	Completed	Commercial	Other	Embedded	0.75	0	0.6	0	0	0	0	0	0	0	0	0.6
519289	Nootka	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519287	Pablo	Completed	Residential	Home Construction	Embedded	0.75	0.275	0	0	0	0	0	0	0	0	0	0.275
519286	Desmond	Completed	Commercial	Other	Embedded	0.75	0.641	0	0	0	0	0	0	0	0	0	0.641
519279	Flask	Cancelled	Residential	Home Construction	Embedded	0.75	0	0.225	0	0	0	0	0	0	0	0	0.225
519278	Flask	Cancelled	Commercial	Business	Embedded	0.75	0	0.2	0	0	0	0	0	0	0	0	0.2
519276	Larch	Completed	Industrial	Facilities	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
519275	Dunlap	Completed	Transportation	MD/HD EV	Incremental	0.75	2.025	0	0	0	0	0	0	0	0	0	2.025
519274	Silvertone	Completed	Industrial	Facilities	Embedded	0.75	0.9	0	0	0	0	0	0	0	0	0	0.9
519273	Marland	Completed	Commercial	Business	Embedded	0.75	0	0.6	0	0	0	0	0	0	0	0	0.6
519271	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	1.33	0	0	0	0	0	1.33
519270	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	1.663	0	0	0	0	0	1.663
519269	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	1.995	0	0	0	0	0	1.995
519268	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
519267	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.231	0	0	0	0	0	0.231
519266	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.266	0	0	0	0	0	0.266
519265	Beardsley	Ongoing	Industrial	Facilities	Embedded	0.75	7	3.5	6.5	5	5.5	5	0	0	0	0	32.5
519265	Broome	Ongoing	Industrial	Facilities	Embedded	0.75	7	3.5	6.5	5	5.5	5	0	0	0	0	32.5
519264	Portland	Ongoing	Industrial	Other	Incremental	1	0	11.5	11.5	0	0	0	0	0	0	0	23
519263	Purdue	Ongoing	Commercial	Other	Embedded	0.75	0.798	0	0	0	0	0	0	0	0	0	0.798
519262	Purdue	Cancelled	Residential	Other	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
519261	Nimitz	Ongoing	Commercial	Business	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
519259	Neon	Ongoing	Commercial	Other	Embedded	0.75	0.225	0	0	0	0	0	0	0	0	0	0.225
519258	Navy	Cancelled	Commercial	Other	Embedded	0.75	0	0.89	0	0	0	0	0	0	0	0	0.89
519257	Navy	Completed	Commercial	Other	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
519254	Norwich	Ongoing	Residential	Home Construction	Embedded	0.75	0.583	0	0	0	0	0	0	0	0	0	0.583
519247	Whitworth	Ongoing	Commercial	Other	Embedded	0.75	3.78	0	0	0	0	0	0	0	0	0	3.78
519246	Tartar	Ongoing	Commercial	Other	Embedded	0.75	0	0.46	0	0	0	0	0	0	0	0	0.46
519245	Tartar	Ongoing	Commercial	Other	Embedded	0.75	0.81	0	0	0	0	0	0	0	0	0	0.81
519244	Tulsa	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519241	Shoshone	Ongoing	Industrial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519240	Patio	Ongoing	Commercial	Business	Embedded	0.75	1.4282	0	0	0	0	0	0	0	0	0	1.4282
519239	Franklin	Cancelled	Residential	Other	Embedded	0.75	0	0	0.5	0	0	0	0	0	0	0	0.5
519238	Daniels	Ongoing	Commercial	Other	Embedded	0.75	0	1.06	0	0	0	0	0	0	0	0	1.06
519237	Saybrook	Ongoing	Industrial	Cultivation	Incremental	0.75	2.557	0	0	0	0	0	0	0	0	0	2.557
519235	Davie	Ongoing	Industrial	Cultivation	Incremental	0.75	3.28	0	0	0	0	0	0	0	0	0	3.28
519234	Tube	Ongoing	Industrial	Plants	Embedded	0.75	1.58	0	0	0	0	0	0	0	0	0	1.58
519233	Sawyer	Ongoing	Commercial	Business	Embedded	0.75	0	0.518	0	0	0	0	0	0	0	0	0.518
519232	Sawyer	Ongoing	Commercial	Business	Embedded	0.75	0	0.562	0	0	0	0	0	0	0	0	0.562
519230	Torson	Ongoing	Industrial	Plants	Embedded	0.75	2.8	0	0	0	0	0	0	0	0	0	2.8
519227	Superior	Completed	Commercial	Other	Embedded	0.75	0.315	0	0	0	0	0	0	0	0	0	0.315
519226	Tube	Completed	Industrial	Cultivation	Incremental	0.75	1.733	0	0	0	0	0	0	0	0	0	1.733
519224	Latchford	Completed	Transportation	LD EV	Incremental	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
519222	Dumas	Completed	Commercial	Education	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
519221	Dumas	Completed	Commercial	Education	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519220	Storm	Completed	Commercial	Business	Embedded	0.75	1.5	0	0	58	0	0	0	0	0	0	1.5

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0.938	0	0	0	0	0	0	0	0	0	0.938	0	0	0	0	0	0	0	0	0	0	0.00%
0.333	0.333	0.334	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.00%
0.215	0.215	0	0	0	0	0	0	0	0	0.43	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0	0.8	0	0	0	0	0	0	0	0	0	0	0.00%
0.57	0	0	0	0	0	0	0	0	0	0.57	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.25	0	0	0	0	0	0	0	0	0	1.25	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.714	0	0	0	0	0	0	0	0	0	0.714	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3.479	0	0	0	0	0	0	0	0	0	3.479	3.479	0	0	0	0	0	0	0	0	3.479	0.00%
0.7	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0.00%
0.23	0	0	0	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0	0	0	0.23	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.73	0	0	0	0	0	0	0	0	0	1.73	1.73	0	0	0	0	0	0	0	0	1.73	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0.4	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	-50.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.114	0	0	0	0	0	0	0	0	0	1.114	1.114	0	0	0	0	0	0	0	0	1.114	2.77%
0.51	0	0	0	0	0	0	0	0	0	0.51	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.47	0	0	0	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0	0	0	0.47	0.00%
0.57	0	0	0	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0	0	0	0.57	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	2	0	0	0	0	0	0	0	0	2	-2	2	0	0	0	0	0	0	0	0	0.00%
0	4	0	0	0	0	0	0	0	0	4	-2.75	4	0	0	0	0	0	0	0	1.25	45.45%
1.472	0	0	0	0	0	0	0	0	0	1.472	1.472	0	0	0	0	0	0	0	0	1.472	96.27%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	1.33	0	0	0	0	0	0	1.33	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	1.663	0	0	0	0	0	0	1.663	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	1.995	0	0	0	0	0	0	1.995	0	0	0	0	0	0	0	0	0	0	0.00%
0.532	0	0	0	0	0	0	0	0	0	0.532	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0.231	0	0	0	0	0	0	0.231	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0.266	0	0	0	0	0	0	0.266	0	0	0	0	0	0	0	0	0	0	0.00%
3.5	6.5	5	5.5	5	0	0	0	0	0	25.5	0	0	0	0	0	0	0	0	0	0	-21.54%
3.5	6.5	5	5.5	5	0	0	0	0	0	25.5	0	0	0	0	0	0	0	0	0	0	-21.54%
11.5	11.5	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0.00%
0.836	0	0	0	0	0	0	0	0	0	0.836	0.836	0	0	0	0	0	0	0	0	0.836	4.76%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.6	0	0	0	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0	0	0	0.6	0.00%
0.225	0	0	0	0	0	0	0	0	0	0.225	0.225	0	0	0	0	0	0	0	0	0.225	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.611	0	0	0	0	0	0	0	0	0	0.611	0.611	0	0	0	0	0	0	0	0	0.611	4.80%
2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	-47.09%
0	0.46	0	0	0	0	0	0	0	0	0.46	-0.46	0.46	0	0	0	0	0	0	0	0	0.00%
0.65	0	0	0	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0	0	0	0.65	-19.75%
0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0.5	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0.5	0.00%
1.372	0	0	0	0	0	0	0	0	0	1.372	1.372	0	0	0	0	0	0	0	0	1.372	-3.94%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.85	0	0	0	0	0	0	0	0	0	0.85	-0.21	0	0	0	0	0	0	0	0	-0.21	-19.81%
2.557	0	0	0	0	0	0	0	0	0	2.557	2.557	0	0	0	0	0	0	0	0	2.557	0.00%
3.28	0	0	0	0	0	0	0	0	0	3.28	3.28	0	0	0	0	0	0	0	0	3.28	0.00%
1.58	0	0	0	0	0	0	0	0	0	1.58	1.58	0	0	0	0	0	0	0	0	1.58	0.00%
0.411	0	0	0	0	0	0	0	0	0	0.411	-0.107	0	0	0	0	0	0	0	0	-0.107	-20.66%
0.562	0	0	0	0	0	0	0	0	0	0.562	0	0	0	0	0	0	0	0	0	0	0.00%
2.8	0	0	0	0	0	0	0	0	0	2.8	2.8	0	0	0	0	0	0	0	0	2.8	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
No		2020-10-16	2023-01-01	2023-06-01	
No		2020-10-16	2023-01-01	2022-06-01	
No		2020-10-16	2023-01-01	2021-12-31	
N/A		2020-10-16	2022-01-01	2022-01-01	
No		2020-10-16	2023-01-01	2023-06-01	
No		2020-10-16	2023-01-01	2023-01-01	
N/A		2020-10-16	2022-01-01	2022-01-01	
No		2020-10-15	2023-01-01	2023-01-01	
N/A		2020-10-15	2023-01-01	2023-01-01	
No		2020-10-15	2023-01-01	2023-06-01	
N/A		2020-10-15	2022-01-01	2022-01-01	
N/A		2020-10-15	2022-01-01	2020-11-01	
N/A		2020-10-15	2022-01-01	2022-12-01	
Deferred3	0.75	2020-10-15	2023-01-01	2022-12-15	
N/A		2020-10-15	2022-01-01	2022-03-02	
N/A		2020-10-15	2022-01-01	2020-10-15	
N/A		2020-10-15	2022-01-01	2022-01-01	
N/A		2020-10-15	2022-01-01	2022-01-01	
N/A		2020-10-15	2022-01-01	2022-06-01	
Deferred3	3.479	2020-10-15	2023-01-01	2023-01-01	
No		2020-10-15	2023-01-01	2020-10-15	
Deferred3	0.23	2020-10-15	2023-01-01	2023-01-01	
N/A		2020-10-15	2022-01-01	2022-06-01	
N/A		2020-10-15	2022-01-01	2022-01-01	
N/A		2020-10-15	2022-01-01	2021-03-01	
Deferred3	1.73	2020-10-15	2023-01-01	2021-03-01	
N/A		2020-10-15	2022-01-01	2021-01-01	
N/A		2020-10-15	2022-01-01	2021-04-01	
N/A		2020-10-15	2022-01-01	2021-03-01	
N/A		2020-10-15	2022-01-01	2021-03-01	
N/A		2020-10-15	2022-01-01	2021-06-01	
Deferred3	0.4	2020-10-15	2023-01-01	2020-10-15	
N/A		2020-10-15	2022-01-01	2022-04-01	
N/A		2020-10-15	2023-01-01	2020-10-01	
No		2020-10-15	2023-01-01	2020-10-01	
N/A		2020-10-14	2022-01-01	2022-01-01	
N/A		2020-10-14	2022-01-01	2022-01-01	
Deferred3	1.084	2020-10-14	2023-01-01	2023-01-01	
No		2020-10-14	2023-01-01	2023-04-01	
N/A		2020-10-14	2022-01-01	2021-12-31	
N/A		2020-10-14	2022-01-01	2022-01-01	
Deferred3	0.47	2020-10-14	2023-01-01	2023-03-01	
Deferred3	0.57	2020-10-14	2023-01-01	2022-12-01	
N/A		2020-10-14	2023-01-01	2023-01-01	
N/A		2020-10-14	2023-01-01	2023-01-01	
N/A		2020-10-14	2023-01-01	2023-01-01	
Deferred3	2	2020-10-14	2024-01-01	2024-01-01	
Deferred3	2.75	2020-10-14	2024-01-01	2024-01-01	
Deferred3	0.75	2020-10-14	2023-01-01	2023-01-01	
N/A		2020-10-13	2023-01-01	2020-10-13	
N/A		2020-10-13	2022-01-01	2020-10-13	
N/A		2020-10-13	2022-01-01	2020-10-13	
N/A		2020-10-13	2022-01-01	2020-10-13	
N/A		2020-10-13	2023-01-01	2020-10-13	
N/A		2020-10-13	2023-01-01	2020-10-13	
N/A		2020-10-13	2022-01-01	2022-01-01	
N/A		2020-10-13	2022-01-01	2022-01-01	
N/A		2020-10-13	2022-01-01	2022-01-01	
N/A		2020-10-13	2023-01-01	2020-10-13	
No		2020-10-13	2026-01-01	2026-06-30	
No		2020-10-13	2026-01-01	2026-06-30	
No		2020-10-13	2026-01-01	2026-06-30	
No		2020-10-13	2023-01-01	2023-06-30	
No		2020-10-13	2026-01-01	2026-06-30	
No		2020-10-13	2026-01-01	2026-06-30	
No		2020-10-12	2023-01-01	2021-12-01	
No		2020-10-12	2023-01-01	2021-12-01	
No		2020-10-12	2023-01-01	2021-09-01	
Deferred3	0.798	2020-10-10	2023-01-01	2022-11-01	
N/A		2020-10-10	2023-01-01	2023-06-01	
Deferred3	0.6	2020-10-10	2023-01-01	2022-11-30	
Deferred3	0.225	2020-10-10	2023-01-01	2023-03-01	
N/A		2020-10-10	2023-01-01	2022-10-01	
N/A		2020-10-10	2022-01-01	2021-09-03	
Deferred3	0.583	2020-10-09	2023-01-01	2022-11-01	
Deferred3	3.78	2020-10-09	2023-01-01	2022-08-01	
Deferred3	0.46	2020-10-09	2024-01-01	2023-12-01	
Deferred3	0.81	2020-10-09	2023-01-01	2023-06-01	
Deferred3	0.5	2020-10-09	2023-01-01	2020-10-09	
Deferred3	0.5	2020-10-09	2023-01-01	2023-06-30	
Deferred3	1.4282	2020-10-09	2023-01-01	2022-06-01	
N/A		2020-10-09	2024-01-01	2023-12-31	
No		2020-10-09	2023-01-01	2022-12-31	
Deferred3	2.557	2020-10-08	2023-01-01	2020-10-08	
Deferred3	3.28	2020-10-08	2023-01-01	2020-10-08	
Deferred3	1.58	2020-10-08	2023-01-01	2020-10-08	
No		2020-10-08	2023-01-01	2020-10-08	
No		2020-10-08	2023-01-01	2020-10-08	
Deferred3	2.8	2020-10-08	2023-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-08	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
519218	Apex	Ongoing	Industrial	Cultivation	Incremental	0.75	2.238	0	0	0	0	0	0	0	0	0	2.238
519217	Mccloud	Ongoing	Residential	Home Construction	Embedded	0.75	0.675	0	0	0	0	0	0	0	0	0	0.675
519216	Burma	Ongoing	Commercial	Other	Embedded	0.75	0.81	0	0	0	0	0	0	0	0	0	0.81
519214	Wayside	Ongoing	Industrial	Facilities	Embedded	0.75	0.905	0	0	0	0	0	0	0	0	0	0.905
519213	Wayside	Ongoing	Industrial	Facilities	Embedded	0.75	1.218	0	0	0	0	0	0	0	0	0	1.218
519211	Tupelo	Ongoing	Residential	Home Construction	Embedded	0.75	0.053	0	0	0	0	0	0	0	0	0	0.053
519209	Del Carbon	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0.28	0	0	0	0	0.28
519208	Warhawk	Ongoing	Residential	Home Construction	Embedded	0.75	0	7.15	0	0	0	0	0	0	0	0	7.15
519207	Mosebrook	Ongoing	Commercial	Business	Embedded	0.75	0	0.17	0	0	0	0	0	0	0	0	0.17
519204	Hellcat	Completed	Industrial	Facilities	Embedded	0.75	6.3	0	0	0	0	0	0	0	0	0	6.3
519202	Havoc	Completed	Commercial	Business	Embedded	0.75	0.65	0	0	0	0	0	0	0	0	0	0.65
519114	Hazel	Ongoing	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
519075	Shovel	Completed	Commercial	Other	Embedded	0.75	0	0	1.6	0	0	0	0	0	0	0	1.6
518153	Tetley	Ongoing	Residential	Home Construction	Embedded	0.75	0.166	0	0	0	0	0	0	0	0	0	0.166
517889	Oban	Cancelled	Commercial	Other	Embedded	0.75	0.666	0	0	0	0	0	0	0	0	0	0.666
517888	Skywalker	Cancelled	Residential	Home Construction	Embedded	0.75	0.627	0	0	0	0	0	0	0	0	0	0.627
517884	Otis	Completed	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
517881	Wookie	Completed	Commercial	Business	Embedded	0.75	0.9	0	0	0	0	0	0	0	0	0	0.9
517880	Wookie	Completed	Commercial	Other	Embedded	0.75	0.175	0	0	0	0	0	0	0	0	0	0.175
503595	Florence	Completed	Commercial	Education	Embedded	0.75	2.35	0	0	0	0	0	0	0	0	0	2.35
484264	Lupine	Completed	Commercial	Business	Embedded	0.75	0	0.428	0	0	0	0	0	0	0	0	0.428
484261	Centaur	Completed	Residential	Home Construction	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
484260	Jedi	Ongoing	Commercial	Business	Embedded	0.75	0.5	0.425	0	0	0	0	0	0	0	0	0.925
484254	Stegman	Completed	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
484248	Boxcar	Ongoing	Industrial	Cultivation	Incremental	0.75	0.828	0	0	0	0	0	0	0	0	0	0.828
484246	Assembly	Ongoing	Residential	Home Construction	Embedded	0.75	1.071	0	0	0	0	0	0	0	0	0	1.071
484245	Assembly	Completed	Commercial	Other	Embedded	0.75	0.571	0	0	0	0	0	0	0	0	0	0.571
478238	Klingon	Ongoing	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
478235	Blackbird	Completed	Commercial	Business	Embedded	0.75	0	0.39	0	0	0	0	0	0	0	0	0.39
478233	Bolivia	Completed	Industrial	Facilities	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
478231	Preston	Ongoing	Residential	Home Construction	Embedded	0.75	0.935	0.935	0	0	0	0	0	0	0	0	1.87
478229	Lakota	Ongoing	Commercial	Business	Embedded	0.75	0.332	0.332	0	0	0	0	0	0	0	0	0.664
478227	Frontage	Completed	Commercial	Other	Embedded	0.75	0	0.261	0	0	0	0	0	0	0	0	0.261
478226	Frontage	Completed	Commercial	Health Care	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
478224	Lakota	Ongoing	Commercial	Health Care	Embedded	0.75	1.33	0	0	0	0	0	0	0	0	0	1.33
478222	Sand Canyon	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.5	0.8641	2.1047	1.2628	0	0	0	0	0	4.7316
478221	Mcbean	Completed	Commercial	Other	Embedded	0.75	0.5023	0.8372	0.3349	0	0	0	0	0	0	0	1.6744
478220	Veterans	Ongoing	Commercial	Other	Embedded	0.75	0.404	0	0	0	0	0	0	0	0	0	0.404
478219	Mint Canyon	Cancelled	Transportation	LD EV	Incremental	0.75	15.4412	0	0	0	0	0	0	0	0	0	15.4412
475886	Luna	Completed	Transportation	LD EV	Incremental	0.75	0.475	0	0	0	0	0	0	0	0	0	0.475
475885	Conejo	Ongoing	Transportation	LD EV	Incremental	1	0.45	0	0	0	0	0	0	0	0	0	0.45
475883	Johnboy	Completed	Commercial	Business	Embedded	1	0.235	0.235	0	0	0	0	0	0	0	0	0.47
475882	Township	Completed	Residential	Home Construction	Embedded	0.75	0.195	0.195	0.195	0.195	0	0	0	0	0	0	0.78
475881	Coventry	Completed	Residential	Home Construction	Embedded	0.75	0	0.202	0.202	0	0	0	0	0	0	0	0.404
475880	Everett	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.659	0.659	0.659	0	0	0	0	0	0	1.977
475879	Conners	Completed	Transportation	MD/HD EV	Incremental	0.75	0	1.2	0	0	0	0	0	0	0	0	1.2
475875	Shopping	Completed	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
475874	Brand	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
475872	Fury	Completed	Residential	Home Construction	Embedded	0.75	1.082	0	0	0	0	0	0	0	0	0	1.082
475871	Rejada	Completed	Commercial	Business	Embedded	0.75	1.103	1.103	1.103	0	0	0	0	0	0	0	3.309
475869	Tender	Ongoing	Residential	Home Construction	Embedded	0.75	0.8125	0.8125	0.8125	0.8125	0	0	0	0	0	0	3.25
475865	Rejada	Completed	Commercial	Business	Embedded	0.75	0.344	0.344	0	0	0	0	0	0	0	0	0.688
472960	Marble	Completed	Transportation	MD/HD EV	Incremental	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
472959	Redwood	Ongoing	Transportation	MD/HD EV	Incremental	0.75	0	1.2	0	0	0	0	0	0	0	0	1.2
472958	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472958	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472957	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472957	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472956	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472956	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472955	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472955	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472954	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472954	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472953	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472953	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472952	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472952	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472951	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472951	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472950	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472950	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472949	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.957	0	0	0	0	0	0	0	0	0	0.957
472949	Russ Boyd	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
472946	Nicklin	Ongoing	Residential	Home Construction	Embedded	0.75	0.108	0.252	0	0	0	0	0	0	0	0	0.36
472945	Wahlstrom	Completed	Residential	Home Construction	Embedded	0.75	0.1	0	0	0	0	0	0	0	0	0	0.1
472942	Gowan	Completed	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
472940	Caterpillar	Completed	Industrial	Cultivation	Incremental	1	0.8	0	0	0	0	0	0	0	0	0	0.8
472938	Caterpillar	Completed	Industrial	Cultivation	Incremental	1	0.4	0	0	0	0	0	0	0	0	0	0.4
472938	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
461675	International	Completed	Industrial	Cultivation	Incremental	1	0.36	0	0	0	0	0	0	0	0	0	0.36
461667	Wind Tunnel	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
461664	Dorsey	Ongoing	Industrial	Facilities	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
461658	Wonderful	Completed	Agriculture	Agriculture	Embedded	0.75	0.265	0	0	0	0	0	0	0	0	0	0.265
461657	Glover	Completed	Industrial	Plants	Embedded	0.75	2.13	0	0	0	0	0	0	0	0	0	2.13
461654	Underwood	Ongoing	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
461653	Inyo Lumber	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
461652	Sagehen	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.0043	0	0	0	0	0	0	0	0	0	0.0043
461651	Marauder	Completed	Agriculture	Agriculture	Embedded	0.75	0.138	0	0	0	0	0	0	0	0	0	0.138
461649	Redbanks	Completed	Industrial	Cultivation	Incremental	0.65	1.8	0	0	0	0	0	0	0	0	0	1.8
461648	Butane	Completed	Transportation	LD EV	Incremental	0.6	0.4	0	0	0	0	0	0	0	0	0	0.4
461647	Regal	Completed	Industrial	Plants	Embedded	0.75	0	1.3	0	0	0	0	0	0	0	0	1.3
461646	Havana	Completed	Industrial	Cultivation	Incremental	0.75	1	0	0	0	0	0	0	0	0	0	1
461637	Grenade	Ongoing	Commercial	Business	Embedded	0.75	0	0.457	0	0	0	0	0	0	0	0	0.457
461630	Pathe	Ongoing	Transportation	LD EV	Incremental	0.7	1.935	0	0	0	0	0	0	0	0	0	1.935

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
2.238	0	0	0	0	0	0	0	0	0	2.238	2.238	0	0	0	0	0	0	0	0	2.238	0.00%
0.675	0	0	0	0	0	0	0	0	0	0.675	0.675	0	0	0	0	0	0	0	0	0.675	0.00%
0.81	0	0	0	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0	0	0	0.81	0.00%
0.905	0	0	0	0	0	0	0	0	0	0.905	0.905	0	0	0	0	0	0	0	0	0.905	0.00%
1.218	0	0	0	0	0	0	0	0	0	1.218	1.218	0	0	0	0	0	0	0	0	1.218	0.00%
0	0.053	0	0	0	0	0	0	0	0	0.053	0	0.053	0	0	0	0	0	0	0	0.053	0.00%
0	0	0	0	0.28	0	0	0	0	0	0.28	0	0	0	0	0	0	0	0	0	0	0.00%
7.15	0	0	0	0	0	0	0	0	0	7.15	0	0	0	0	0	0	0	0	0	0	0.00%
0	0.17	0	0	0	0	0	0	0	0	0.17	-0.17	0.17	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.166	0	0	0	0	0	0	0	0	0	0.166	0.166	0	0	0	0	0	0	0	0	0.166	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.767	0	0	0	0	0	0	0	0	0	0.767	0.342	0	0	0	0	0	0	0	0	0.342	-17.08%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.414	0.414	0	0	0	0	0	0	0	0	0.828	0.414	0.414	0	0	0	0	0	0	0	0.828	0.00%
1.071	0	0	0	0	0	0	0	0	0	1.071	1.071	0	0	0	0	0	0	0	0	1.071	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.5	0	0	0	0	0	0	0	0	0	2.5	2.5	0	0	0	0	0	0	0	0	2.5	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.935	0	0	0	0	0	0	0	0	0	0.935	0	0	0	0	0	0	0	0	0	0	-50.00%
0.288	0	0	0	0	0	0	0	0	0	0.288	-0.044	0	0	0	0	0	0	0	0	-0.044	-56.63%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.33	0	0	0	0	0	0	0	0	0	1.33	1.33	0	0	0	0	0	0	0	0	1.33	0.00%
0	0.5	0.86	2.1	1.27	0	0	0	0	0	4.73	-0.5	-0.3641	-1.2447	0.8372	1.27	0	0	0	0	-0.0016	-0.03%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0.4	-0.99%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.45	0	0	0	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0	0	0	0.45	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0.659	0.659	0.659	0	0	0	0	0	1.977	-0.659	-0.659	0	0.659	0.659	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.8125	0.8125	0.8125	0	0	0	0	0	0	0	2.4375	0	0	0	0	0	0	0	0	0	0	-25.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.2	0	0	0	0	0	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.957	0	0	0	0	0	0	0	0	0.957	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.9569	0	0	0	0	0	0	0	0	0.9569	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.9575	0	0	0	0	0	0	0	0	0.9575	0	0	0	0	0	0	0	0	0	0	
0.252	0	0	0	0	0	0	0	0	0	0.252	0	0	0	0	0	0	0	0	0	0	-30.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.417	0	0	0	0	0	0	0	0	0	0.417	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.15	0	0	0	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0	0	0	0.15	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.2	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0	0.2	4551.16%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.457	0	0	0	0	0	0	0	0	0	0.457	0	0	0	0	0	0	0	0	0	0	0.00%
1.161	0	0	0	0	0	0	0	0	0	1.161	1.161	0	0	0	0	0	0	0	0	1.161	-40.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
Deferred3	2.238	2020-10-08	2023-01-01	2020-10-08	
Deferred3	0.675	2020-10-08	2023-01-01	2020-10-08	
Deferred3	0.81	2020-10-08	2023-01-01	2020-10-08	
Deferred3	0.905	2020-10-08	2023-01-01	2020-10-08	
Deferred3	1.218	2020-10-08	2023-01-01	2020-10-08	
Deferred3	0.053	2020-10-08	2024-01-01	2024-01-01	
No		2020-10-08	2027-01-01	2027-01-01	
No		2020-10-08	2023-01-01	2022-01-01	
Deferred3	0.17	2020-10-08	2024-01-01	2021-01-01	
N/A		2020-10-08	2022-01-01	2021-01-01	
N/A		2020-10-08	2022-01-01	2022-01-01	
Deferred3	1	2020-10-08	2023-01-01	2022-07-01	
N/A		2020-10-08	2024-01-01	2023-01-01	
Deferred3	0.166	2020-10-08	2023-01-01	2022-12-31	
N/A		2020-10-08	2022-01-01	2021-06-01	
N/A		2020-10-08	2022-01-01	2020-10-01	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-08	2022-01-01	2020-10-01	
N/A		2020-10-08	2022-01-01	2021-01-01	
N/A		2020-10-08	2022-01-01	2020-10-08	
N/A		2020-10-07	2023-01-01	2020-10-01	
N/A		2020-10-07	2022-01-01	2020-10-07	
No		2020-10-07	2023-01-01	2021-01-01	
N/A		2020-10-07	2022-01-01	2020-10-07	
Deferred3	0.828	2020-10-07	2023-01-01	2020-10-01	
Deferred3	1.071	2020-10-07	2023-01-01	2021-04-01	
N/A		2020-10-07	2022-01-01	2020-11-01	
Deferred3	2.5	2020-10-06	2023-01-01	2020-10-06	
N/A		2020-10-06	2023-01-01	2023-01-01	
N/A		2020-10-06	2022-01-01	2020-10-06	
No		2020-10-05	2023-01-01	2023-01-01	
No		2020-10-05	2023-01-01	2021-12-31	
N/A		2020-10-05	2023-01-01	2021-12-31	
N/A		2020-10-05	2022-01-01	2021-06-01	
Deferred3	1.33	2020-10-05	2023-01-01	2021-03-01	
Deferred3	4.7316	2020-10-03	2024-01-01	2024-06-01	
N/A		2020-10-03	2022-01-01	2021-06-01	
Deferred3	0.404	2020-10-03	2023-01-01	2023-01-01	
N/A		2020-10-03	2022-01-01	2021-04-01	
N/A		2020-10-01	2022-01-01	2020-06-01	
Deferred3	0.45	2020-10-01	2023-01-01	2023-02-28	
N/A		2020-10-01	2022-01-01	2022-01-01	
N/A		2020-10-01	2022-01-01	2024-06-01	
N/A		2020-10-01	2023-01-01	2023-06-01	
Deferred3	1.318	2020-10-01	2025-01-01	2025-06-01	
N/A		2020-10-01	2023-01-01	2023-01-01	
N/A		2020-10-01	2022-01-01	2024-06-01	
N/A		2020-10-01	2022-01-01	2020-06-01	
N/A		2020-10-01	2022-01-01	2022-01-01	
N/A		2020-10-01	2022-01-01	2025-06-01	
No		2020-10-01	2023-01-01	2023-01-01	
N/A		2020-10-01	2022-01-01	2019-06-01	
N/A		2020-09-29	2023-01-01	2023-01-01	
No		2020-09-29	2023-01-01	2023-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
N/A		2020-09-29	2022-01-01	2022-01-01	
N/A		2020-09-29	2024-01-01	2024-01-01	
No		2020-09-28	2023-01-01	2023-01-01	
N/A		2020-09-28	2022-01-01	2022-01-01	
N/A		2020-09-28	2022-01-01	2022-01-01	
N/A		2020-09-28	2022-01-01	2021-01-01	
N/A		2020-09-28	2022-01-01	2021-01-01	
N/A		2020-09-28	2023-01-01	2021-01-01	
N/A		2020-09-25	2022-01-01	2019-06-01	
N/A		2020-09-24	2022-01-01	2022-01-01	
No		2020-09-24	2023-01-01	2023-01-01	
N/A		2020-09-23	2022-01-01	2022-01-01	
N/A		2020-09-23	2022-01-01	2022-01-01	
Deferred3	0.15	2020-09-22	2023-01-01	2020-10-01	
N/A		2020-09-22	2022-01-01	2021-06-01	
Deferred3	0.0043	2020-09-22	2023-01-01	2020-10-01	
N/A		2020-09-15	2022-01-01	2022-01-01	
N/A		2020-09-14	2022-01-01	2022-01-01	
N/A		2020-09-10	2022-01-01	2021-10-20	
N/A		2020-09-08	2023-01-01	2020-10-13	
N/A		2020-09-08	2022-01-01	2020-10-13	
No		2020-09-01	2023-01-01	2022-04-01	
Deferred3	1.935	2020-08-27	2023-01-01	2022-12-31	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
461625	Hellcat	Ongoing	Industrial	Facilities	Embedded	1	8.9	7.6	3.3	2	0	0	0	0	0	0	21.8
461614	Oakland	Ongoing	Industrial	Plants	Embedded	0.75	0.232	0	0	0	0	0	0	0	0	0	0.232
461610	Iona	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	1.983	1	0	0	0	0	0	0	0	3.483
461608	London	Ongoing	Commercial	Other	Embedded	0.75	0	2.343	0	0	0	0	0	0	0	0	2.343
461602	Rocket Town	Completed	Commercial	Business	Embedded	0.75	0.105	0	0	0	0	0	0	0	0	0	0.105
461600	Norwich	Cancelled	Transportation	LD EV	Incremental	0.7	1.161	0	0	0	0	0	0	0	0	0	1.161
461589	Barbara	Completed	Industrial	Plants	Embedded	0.75	1.13	0	0	0	2.39	0	0	0	0	0	3.52
461588	Caterpillar	Completed	Industrial	Cultivation	Incremental	1	0.573	0	0	0	0	0	0	0	0	0	0.573
461588	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
461586	Harrell	Completed	Industrial	Plants	Embedded	0.75	0.484	0	0	0	0	0	0	0	0	0	0.484
461585	Harrell	Completed	Industrial	Plants	Embedded	0.75	1.837	0	0	0	0	0	0	0	0	0	1.837
461584	Tagus	Completed	Industrial	Plants	Embedded	0.75	0.64	0	0	0	0	0	0	0	0	0	0.64
461583	Tagus	Ongoing	Industrial	Plants	Embedded	0.75	0.64	0	0	0	0	0	0	0	0	0	0.64
461582	Barnacle	Ongoing	Transportation	LD EV	Incremental	0.7	1.161	0	0	0	0	0	0	0	0	0	1.161
461581	Delaware	New	Transportation	LD EV	Incremental	0.7	0	0	0	0	0	0	0	0	0	0	0
461581	Franklin	Completed	Transportation	LD EV	Incremental	0.7	1.548	0	0	0	0	0	0	0	0	0	1.548
461578	Wonderful	Completed	Agriculture	Agriculture	Embedded	0.75	0.227	0	0	0	0	0	0	0	0	0	0.227
461577	Schilling	Cancelled	Transportation	LD EV	Incremental	1	0.837	0	0.279	0	0	0	0	0	0	0	1.116
461572	Slate	Ongoing	Industrial	Facilities	Embedded	0.75	0.72	0	0	0	0	0	0	0	0	0	0.72
461571	Kahlua	Ongoing	Transportation	LD EV	Incremental	1	0.45	0	0	0	0	0	0	0	0	0	0.45
461570	Rimrock	Completed	Transportation	LD EV	Incremental	1	0.131	0	0	0	0	0	0	0	0	0	0.131
461567	Eagle	Ongoing	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
439696	Xerox	Ongoing	Commercial	Health Care	Embedded	0.75	0	1.106	6.349	2.828	0	0	0	0	0	0	10.283
439694	Seguro	Completed	Commercial	Other	Embedded	0.75	0	0	2	2	0	0	0	0	0	0	4
439693	Aluminum	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	4.14	4.14	4.14	4.14	4.14	4.14	24.84
439692	Counterfeit	Ongoing	Commercial	Health Care	Embedded	0.75	0	1.004	0.275	4.708	1.397	0	0	0	0	0	7.384
439689	Schilling	Cancelled	Transportation	LD EV	Incremental	1	0.65	0	0	0	0	0	0	0	0	0	0.65
439686	Pass	Ongoing	Residential	Home Construction	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
439685	Sierra	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.356	0	0	0	0	0	0	0	0	0.556
439684	Haley	Cancelled	Commercial	Other	Embedded	0.75	0	1.9	0	0	0	0	0	0	0	0	1.9
439683	Bernice	New	Industrial	Facilities	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
439683	Bernice	New	Industrial	Facilities	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
439682	Lanza	Completed	Agriculture	Agriculture	Embedded	0.75	0.208	0	0	0	0	0	0	0	0	0	0.208
439681	Cordoba	Cancelled	Commercial	Business	Embedded	0.75	0	0.439	0.231	0.934	0.389	0	0	0	0	0	1.993
439678	Macadamia	Ongoing	Residential	Other	Embedded	0.75	2	2	0	0	0	0	0	0	0	0	4
439677	Mendocino	Ongoing	Residential	Home Construction	Embedded	0.75	1.008	0	0	0	0	0	0	0	0	0	1.008
439675	Turtle	Ongoing	Residential	Home Construction	Embedded	0.75	1.25	0	0	0	0	0	0	0	0	0	1.25
439674	Monroe	Completed	Transportation	MD/HD EV	Incremental	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
439672	Rasmussen	Completed	Industrial	Facilities	Embedded	1	0.35	0	0	0	0	0	0	0	0	0	0.35
439672	Effie	Ongoing	Industrial	Facilities	Embedded	1	0.35	0.4	0	0	0	0	0	0	0	0	0.75
439670	Hollywood	Completed	Transportation	LD EV	Incremental	0.7	1.094	0	0	0	0	0	0	0	0	0	1.094
439666	Linder	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.215	0	0	0	0	0	0	0	0	0	0.215
439665	M.G.M.	Completed	Transportation	LD EV	Incremental	0.7	0.774	0	0	0	0	0	0	0	0	0	0.774
439659	Fugate	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
439649	Merrit	Completed	Agriculture	Agriculture	Embedded	0.75	0.8261	0	0	0	0	0	0	0	0	0	0.8261
439648	C B S	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
439647	Surfrider	Completed	Transportation	MD/HD EV	Incremental	0.75	1.25	0	0	0	0	0	0	0	0	0	1.25
439645	Manzanillo	Completed	Agriculture	Agriculture	Embedded	0.75	0.196	0	0	0	0	0	0	0	0	0	0.196
439637	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.1628	0	0	0	0	0	0	0	0	0	0.1628
439636	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
439633	Webb	Ongoing	Industrial	Facilities	Embedded	0.75	0.648	0.648	0	0	0	0	0	0	0	0	1.296
439631	Alterra	Ongoing	Transportation	LD EV	Incremental	1	1.355	0	0	0	0	0	0	0	0	0	1.355
439630	Marauder	Completed	Industrial	Plants	Embedded	0.75	0.336	0	0	0	0	0	0	0	0	0	0.336
439629	Marauder	Completed	Agriculture	Agriculture	Embedded	0.75	0.163	0	0	0	0	0	0	0	0	0	0.163
439626	Beaver	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
439613	Alamo	Completed	Residential	Other	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
439607	Laws	Completed	Transportation	LD EV	Incremental	1	1.355	0	0	0	0	0	0	0	0	0	1.355
439606	Donert	Cancelled	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
439605	Cagney	Completed	Transportation	LD EV	Incremental	0.5	2.1	0	0	0	0	0	0	0	0	0	2.1
439600	Harrell	Completed	Agriculture	Agriculture	Embedded	0.75	0.215	0	0	0	0	0	0	0	0	0	0.215
439599	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.185	0	0	0	0	0	0	0	0	0	0.185
439598	Ranier	Completed	Industrial	Facilities	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
439596	Doran	Completed	Agriculture	Agriculture	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
439593	Bigelow	Completed	Transportation	LD EV	Incremental	1	0.33	0	0	0	0	0	0	0	0	0	0.33
439588	Manzanillo	Completed	Agriculture	Agriculture	Embedded	0.75	0.209	0	0	0	0	0	0	0	0	0	0.209
439584	Baxter	Completed	Industrial	Cultivation	Incremental	0.75	0	0	1	0	0	0	0	0	0	0	1
439583	Debug	Completed	Transportation	LD EV	Incremental	0.6	1.1	0	0	0	0	0	0	0	0	0	1.1
439582	Walter	Ongoing	Commercial	Other	Embedded	1	0.72	0	0	0	0	0	0	0	0	0	0.72
439579	International	Cancelled	Industrial	Cultivation	Incremental	1	0.1118	0	0	0	0	0	0	0	0	0	0.1118
439578	Kenworth	Ongoing	Industrial	Cultivation	Incremental	1	0.38	0.76	0.76	0.76	0.38	0	0	0	0	0	3.04
439575	Harlem Springs	Completed	Industrial	Facilities	Embedded	0.75	1.3	0	0	0	0	0	0	0	0	0	1.3
439571	Curtis	Completed	Agriculture	Agriculture	Embedded	0.75	0.268	0	0	0	0	0	0	0	0	0	0.268
439566	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
439562	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
439557	Goldenbear	Ongoing	Agriculture	Agriculture	Embedded	0.75	0.548	0	0	0	0	0	0	0	0	0	0.548
439556	Marsh	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
439550	Executive	Ongoing	Commercial	Business	Embedded	0.75	0	5.69	0	0	0	0	0	0	0	0	5.69
439548	Irwin Hts	Completed	Commercial	Other	Embedded	0.75	0.335	0	0	0	0	0	0	0	0	0	0.335
439547	Daleside	Ongoing	Residential	Home Construction	Embedded	0.75	0.569	0	0	0	0	0	0	0	0	0	0.569
439545	Sierra	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
439536	Sanborn	Completed	Agriculture	Agriculture	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
439535	Borba	Ongoing	Industrial	Facilities	Embedded	1	2.833	2.833	1.92	0	0	0	0	0	0	0	7.586
425327	Astrology	Ongoing	Commercial	Other	Embedded	0.75	1.35	0	0	0	0	0	0	0	0	0	1.35
423899	Scow	Ongoing	Transportation	LD EV	Incremental	0.75	1.75	0	0	0	0	0	0	0	0	0	1.75
423891	Segerstrom	Ongoing	Residential	Home Construction	Embedded	0.75	1	1	0	0	0	0	0	0	0	0	2
423888	Kingcobra	Ongoing	Residential	Home Construction	Embedded	0.75	0.2	0.35	0.25	0	0	0	0	0	0	0	0.8
423886	Oakland	Completed	Agriculture	Agriculture	Embedded	0.75	0.296	0	0	0	0	0	0	0	0	0	0.296
423882	Hemacinto	Completed	Residential	Home Construction	Embedded	0.75	0	0.3	0.3	0	0	0	0	0	0	0	0.6
423881	Blitz	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	0	1.5	1	0	0	0	2.5
423881	Pigskin	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	0	1.5	1	0	0	0	2.5
423880	Garboni	Completed	Residential	Other	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
423879	Halfback	Ongoing	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
423874	Equinox	Ongoing	Residential	Home Construction	Embedded	0.75	0.6	0.6	0	0	0	0	0	0	0	0	1.2
423873	Piedra	Completed	Residential	Home Construction	Embedded	0.75	0.6522	0	0	0	0	0	0	0	0	0	0.6522
423872	Corporal	Completed	Residential	Home Construction	Embedded	0.75	0.4	0.4	0	0	0	0	0	0	0	0	0.8

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	23.34	25.18	0	0	0	0	0	0	0	48.52
0.232	0	0	0	0	0	0	0	0	0	0.232
1.983	1	0	0	0	0	0	0	0	0	2.983
0	2.343	0	0	0	0	0	0	0	0	2.343
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.573	0	0	0	0	0	0	0	0	0	0.573
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.64	0	0	0	0	0	0	0	0	0	0.64
1.161	0	0	0	0	0	0	0	0	0	1.161
1.548	0	0	0	0	0	0	0	0	0	1.548
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.48	0	0	0	0	0	0	0	0	0	0.48
0.45	0	0	0	0	0	0	0	0	0	0.45
0	0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	0	2.5
1.106	6.349	2.828	0	0	0	0	0	0	0	10.283
0	0	0	0	0	0	0	0	0	0	0
0	0	0	4.14	4.14	4.14	4.14	4.14	4.14	0	24.84
2.84	2.185	1.652	0	0	0	0	0	0	0	6.677
0	0	0	0	0	0	0	0	0	0	0
0	1.5	0	0	0	0	0	0	0	0	1.5
0.356	0	0	0	0	0	0	0	0	0	0.356
0	0	0	0	0	0	0	0	0	0	0
1.53	0	0	0	0	0	0	0	0	0	1.53
1.53	0	0	0	0	0	0	0	0	0	1.53
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	2
1.008	0	0	0	0	0	0	0	0	0	1.008
1.25	0	0	0	0	0	0	0	0	0	1.25
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0	0
0.215	0	0	0	0	0	0	0	0	0	0.215
0	0	0	0	0	0	0	0	0	0	0

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
Deferred2	16.5	2020-08-27	2024-01-01	2022-01-01	
Deferred3	0.232	2020-08-20	2023-01-01	2022-01-01	
No		2020-08-14	2023-01-01	2020-06-01	
Deferred3	2.343	2020-08-13	2024-01-01	2020-07-30	
N/A		2020-08-10	2022-01-01	2022-01-01	
N/A		2020-08-07	2022-01-01	2022-10-01	
N/A		2020-08-06	2022-01-01	2021-01-01	
N/A		2020-08-05	2022-01-01	2021-01-01	
N/A		2020-08-05	2023-01-01	2021-01-01	
N/A		2020-08-05	2022-01-01	2022-01-01	
N/A		2020-08-05	2022-01-01	2022-01-01	
N/A		2020-08-04	2022-01-01	2022-01-01	
Deferred3	0.64	2020-08-04	2023-01-01	2022-01-01	
Deferred3	1.161	2020-08-03	2023-01-01	2023-02-28	
N/A		2020-08-03	2023-01-01	2022-09-25	
N/A		2020-08-03	2022-01-01	2022-09-25	
N/A		2020-07-30	2022-01-01	2022-01-01	
N/A		2020-07-28	2022-01-01	2020-07-24	
Deferred3	0.72	2020-07-23	2023-01-01	2020-07-09	
Deferred3	0.45	2020-07-22	2023-01-01	2020-07-06	Marked cancelled in Commerical EV as of 5/23/23. Engineer indicated project to be included in forecast during load grow
N/A		2020-07-21	2022-01-01	2020-07-07	
Deferred3	2.5	2020-07-20	2023-01-01	2023-01-01	
No		2020-07-16	2023-01-01	2020-01-01	
N/A		2020-07-15	2024-01-01	2019-10-24	
No		2020-07-15	2026-01-01	2020-03-18	
Accelerated		2020-07-15	2023-01-01	2020-03-30	
N/A		2020-07-15	2022-01-01	2020-02-26	
Deferred3	1.5	2020-07-14	2024-01-01	2020-01-15	
No		2020-07-14	2023-01-01	2022-12-31	
N/A		2020-07-14	2023-01-01	2020-05-28	
N/A		2020-07-14	2023-01-01	2020-07-10	
N/A		2020-07-14	2023-01-01	2020-07-10	Double-counted by engineer
N/A		2020-07-14	2022-01-01	2022-06-01	
N/A		2020-07-14	2023-01-01	2020-04-27	
No		2020-07-13	2023-01-01	2019-07-25	
Deferred3	1.008	2020-07-13	2023-01-01	2020-02-21	
Deferred3	1.25	2020-07-13	2023-01-01	2020-02-13	
N/A		2020-07-10	2022-01-01	2022-06-01	
N/A		2020-07-10	2022-01-01	2021-09-01	
No		2020-07-10	2023-01-01	2021-09-01	
N/A		2020-07-10	2022-01-01	2022-09-02	
Deferred3	0.215	2020-07-09	2023-01-01	2022-03-31	
N/A		2020-07-08	2022-01-01	2021-10-31	
N/A		2020-06-29	2022-01-01	2022-06-01	
N/A		2020-06-16	2022-01-01	2022-06-01	
N/A		2020-06-16	2022-01-01	2022-06-01	
N/A		2020-06-16	2022-01-01	2021-10-07	
N/A		2020-06-15	2022-01-01	2022-01-01	
N/A		2020-06-04	2022-01-01	2022-06-01	
N/A		2020-06-02	2022-01-01	2022-06-01	
No		2020-06-01	2023-01-01	2021-06-01	
Deferred3	1.355	2020-05-27	2023-01-01	2020-09-01	
N/A		2020-05-22	2022-01-01	2022-01-01	
N/A		2020-05-22	2022-01-01	2022-01-01	
N/A		2020-05-20	2022-01-01	2022-06-01	
N/A		2020-04-29	2022-01-01	2020-10-13	
N/A		2020-04-24	2022-01-01	2020-10-15	
N/A		2020-04-21	2022-01-01	2020-12-01	
N/A		2020-04-21	2022-01-01	2021-09-27	
N/A		2020-04-07	2022-01-01	2022-01-01	
N/A		2020-04-03	2022-01-01	2020-12-31	
N/A		2020-04-03	2022-01-01	2020-10-31	
N/A		2020-04-02	2022-01-01	2022-06-01	
N/A		2020-03-30	2022-01-01	2020-06-01	
N/A		2020-03-16	2022-01-01	2022-01-01	
N/A		2020-03-06	2024-01-01	2020-05-01	
N/A		2020-03-04	2022-01-01	2021-10-15	
Deferred3	0.72	2020-03-02	2026-01-01	2022-10-24	
N/A		2020-02-24	2022-01-01	2021-01-01	
Accelerated		2020-02-24	2023-01-01	2021-01-01	
N/A		2020-02-24	2022-01-01	2020-10-01	
N/A		2020-02-14	2022-01-01	2022-01-01	
N/A		2020-02-11	2022-01-01	2022-06-01	
N/A		2020-02-06	2022-01-01	2022-06-01	
Deferred3	0.548	2020-01-29	2023-01-01	2022-12-31	
N/A		2020-01-28	2022-01-01	2022-06-01	
Deferred3	5.69	2020-01-23	2025-01-01	2025-03-01	
N/A		2020-01-23	2022-01-01	2022-04-30	
Deferred3	0.569	2020-01-13	2023-01-01	2022-12-31	
N/A		2020-01-07	2022-01-01	2022-01-01	
N/A		2019-12-16	2022-01-01	2019-12-01	
Deferred3	7.586	2019-12-12	2024-01-01	2020-01-01	
Deferred3	1.35	2019-12-04	2023-01-01	2019-12-03	
Deferred3	1.75	2019-11-26	2023-01-01	2020-06-01	
No		2019-11-13	2023-01-01	2019-11-13	
Deferred3	0.8	2019-11-07	2023-01-01	2021-01-01	
N/A		2019-10-30	2022-01-01	2022-01-01	
N/A		2019-10-29	2023-01-01	2021-01-01	
Accelerated		2019-10-27	2024-01-01	2022-01-01	
No		2019-10-27	2027-01-01	2022-01-01	
N/A		2019-10-27	2022-01-01	2022-01-01	
Deferred3	0.5	2019-10-27	2023-01-01	2023-01-01	
Deferred3	0.6	2019-10-25	2023-01-01	2020-04-01	
N/A		2019-10-25	2022-01-01	2021-01-01	
N/A		2019-10-25	2022-01-01	2021-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
423871	Quarterback	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
423869	Clydesdale	Ongoing	Commercial	Health Care	Embedded	0.75	0.3	0.7	0	0	0	0	0	0	0	0	1
423868	Nova	Ongoing	Residential	Home Construction	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
423867	Jerry	Ongoing	Residential	Home Construction	Embedded	0.75	0.3696	1	0	0	0	0	0	0	0	0	1.3696
423865	Oakdale	Ongoing	Residential	Home Construction	Embedded	0.75	0.4	0.4	0	0	0	0	0	0	0	0	0.8
413773	Lapins	Completed	Commercial	Health Care	Embedded	0.75	1.5	2.5	0	0	0	0	0	0	0	0	4
413769	Dorman	Ongoing	Industrial	Cultivation	Incremental	0.75	1	1	0	0	0	0	0	0	0	0	2
413768	Chardonnay	Ongoing	Commercial	Other	Embedded	0.75	0	0	0.3	0	0	0	0	0	0	0	0.3
413766	Dorman	Completed	Industrial	Cultivation	Incremental	0.75	1.3	0	0	0	0	0	0	0	0	0	1.3
413765	Collier	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
413760	Lemond	Ongoing	Industrial	Facilities	Embedded	0.75	4	7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	23
412626	Fantastico	Ongoing	Commercial	Health Care	Embedded	0.75	1.5	1.5	0	0	0	0	0	0	0	0	3
412624	Reche	Ongoing	Commercial	Business	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
412623	Ike	Completed	Industrial	Cultivation	Incremental	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
412621	Pueblo	Completed	Industrial	Other	Embedded	0.75	1.073	0	0	0	0	0	0	0	0	0	1.073
412619	Reche	Completed	Industrial	Facilities	Embedded	0.75	0.225	0	0	0	0	0	0	0	0	0	0.225
412618	Hero	Completed	Industrial	Facilities	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
412616	Ironwood	Completed	Industrial	Facilities	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
412615	Kentucky	Ongoing	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
412614	Teacher	Completed	Commercial	Business	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
412613	Midori	Ongoing	Industrial	Other	Embedded	1	2	2	1	2.75	0	0	0	0	0	0	7.75
412609	Novac	Ongoing	Residential	Home Construction	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
412606	Novac	Completed	Residential	Home Construction	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
412603	Beijing	Completed	Industrial	Facilities	Embedded	0.75	0	0.964	0.964	0	0	0	0	0	0	0	1.928
412603	Ruble	Ongoing	Industrial	Facilities	Embedded	0.75	0.932	0.932	0	3.94	0	0	0	0	0	0	5.804
412603	Ruble	Ongoing	Industrial	Facilities	Embedded	0.75	0.932	1.896	0.964	3.94	0	0	0	0	0	0	7.732
411397	Slate	Ongoing	Commercial	Other	Embedded	0.75	0	2.25	2.25	0	0	0	0	0	0	0	4.5
411395	Minnesota	Ongoing	Commercial	Business	Embedded	0.75	3.514	3	0	0	0	0	0	0	0	0	6.514
411394	Vengeance	Ongoing	Industrial	Facilities	Embedded	0.75	0	4.4	0	0	0	0	0	0	0	0	4.4
410264	Mallet	Ongoing	Commercial	Business	Embedded	0.75	1.409	0	0	0	0	0	0	0	0	0	1.409
410262	Cart	Completed	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
410260	Pisces	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.644	0.643	0	0	0	0	0	0	0	1.287
410255	Beardsley	Cancelled	Commercial	Other	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
410252	Surfside	Ongoing	Industrial	Plants	Embedded	0.75	0	4.5	0	0	0	0	0	0	0	0	4.5
410252	Gizmo	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
410251	Gurney	Ongoing	Commercial	Other	Embedded	0.75	0.75	0.75	0.75	0.75	0	0	0	0	0	0	3
410250	Himalayas	Completed	Commercial	Other	Embedded	0.75	0.2	0.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0	7
410250	Matterhorn	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
410247	Kropp	Completed	Commercial	Other	Embedded	0.75	0.167	0.167	0.167	0.168	0.168	0	0	0	0	0	0.837
410246	Garrett	Ongoing	Residential	Home Construction	Embedded	0.75	0.281	0.283	0	0	0	0	0	0	0	0	0.564
410244	Fortress	Completed	Commercial	Business	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
410240	Salvador	Completed	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
410239	Gizmo	Ongoing	Commercial	Business	Embedded	0.75	0	0.941	0	0	0	0	0	0	0	0	0.941
410237	Pat	Ongoing	Commercial	Business	Embedded	0.75	0	1.4706	0	0	0	0	0	0	0	0	1.4706
410234	Raven	Ongoing	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
410233	Titanium	Ongoing	Industrial	Cultivation	Incremental	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
410232	Kilroy	Completed	Residential	Home Construction	Embedded	0.75	0.27	0	0	0	0	0	0	0	0	0	0.27
410231	Yates	Completed	Industrial	Cultivation	Incremental	0.75	1.562	0	0	0	0	0	0	0	0	0	1.562
410229	Dodge	Cancelled	Industrial	Cultivation	Incremental	0.75	0	2.494	0	0	0	0	0	0	0	0	2.494
410227	Metallic	Ongoing	Residential	Home Construction	Embedded	0.75	0.903	0.574	0.575	0.575	0	0	0	0	0	0	2.627
410227	Mechanic	Ongoing	Residential	Home Construction	Embedded	0.75	0.906	0.574	0.574	0.574	0	0	0	0	0	0	2.628
410224	Titanium	Ongoing	Commercial	Business	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
410220	Bingo	Ongoing	Industrial	Cultivation	Incremental	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
410219	Yahtzee	Ongoing	Industrial	Cultivation	Incremental	0.75	0.5	0.5	0.5	0	0	0	0	0	0	0	1.5
410218	Calla	Completed	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
410216	Seaside	Ongoing	Transportation	MD/HD EV	Incremental	1	0	4.33	0	0	0	0	0	0	0	0	4.33
410211	Purdue	Ongoing	Commercial	Other	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
410206	Tradewind	Completed	Transportation	LD EV	Incremental	0.7	3.483	0	0	0	0	0	0	0	0	0	3.483
410199	Fuller	Ongoing	Commercial	Business	Embedded	0.75	0	2.5	0	0	0	0	0	0	0	0	2.5
410196	Vortex	Completed	Residential	Home Construction	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
410195	Schilling	Completed	Commercial	Business	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
410194	Virgo	Cancelled	Commercial	Other	Embedded	0.75	0	1	0	0	0	0	0	0	0	0	1
410193	Radium	Completed	Commercial	Other	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
410190	Mar Vista	Ongoing	Commercial	Business	Embedded	0.75	0	0.4	0	0	0	0	0	0	0	0	0.4
410189	Delaware	Cancelled	Commercial	Other	Embedded	0.75	0	0.98	0	0	0	0	0	0	0	0	0.98
410182	Lithium	Completed	Commercial	Business	Embedded	0.75	0.55	0.55	0	0	0	0	0	0	0	0	1.1
410181	Meander	Completed	Commercial	Business	Embedded	0.75	0	0	5.4	0	0	0	0	0	0	0	5.4
410181	Melrose	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
410180	Fuller	Completed	Commercial	Other	Embedded	0.75	0	2.5	0	0	0	0	0	0	0	0	2.5
410180	Melrose	Ongoing	Commercial	Other	Embedded	0.75	0	3.25	0	0	0	0	0	0	0	0	3.25
410178	Terrier	Ongoing	Commercial	Other	Embedded	0.75	0.939	0	0	0	0	0	0	0	0	0	0.939
410176	Enterprise	Completed	Residential	Home Construction	Embedded	0.75	2.3	0	0	0	0	0	0	0	0	0	2.3
410171	Borba	Completed	Commercial	Business	Embedded	0.75	0	0.33	0.33	0.34	0	0	0	0	0	0	1
410171	Swiss	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
410155	Platinum	Completed	Commercial	Other	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
410154	Rambler	Ongoing	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
410152	Packard	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
410149	Touchdown	Ongoing	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
410147	Ruth	Completed	Residential	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
407577	Maize	Completed	Commercial	Other	Embedded	0.75	0	0	1.74	0	0	0	0	0	0	0	1.74
399066	Pinochle	Ongoing	Industrial	Cultivation	Incremental	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
395544	Morello	Completed	Industrial	Facilities	Embedded	0.75	9.3	0	0	0	0	0	0	0	0	0	9.3
395542	Avco	Cancelled	Commercial	Business	Embedded	0.75	0	1.2	0	0	0	0	0	0	0	0	1.2
395540	Pisces	Completed	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
395539	Belfast	Completed	Commercial	Other	Embedded	0.75	1.515	0	0	0	0	0	0	0	0	0	1.515
395537	Xerox	Ongoing	Residential	Home Construction	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
395535	Tulsa	Ongoing	Residential	Home Construction	Embedded	0.75	1.75	0	0	0	0	0	0	0	0	0	1.75
395531	Bertea	Ongoing	Commercial	Other	Embedded	0.75	1.646	1.646	0	0	0	0	0	0	0	0	3.292
392937	Cadence	Completed	Residential	Home Construction	Embedded	0.75	0.6	0.6	0	0	0	0	0	0	0	0	1.2
392936	Oilwell	Completed	Commercial	Other	Embedded	0.75	1.054	1.054	0	0	0	0	0	0	0	0	2.108
387994	Airbus	New	Industrial	Plants	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
373977	Alterra	Ongoing	Residential	Home Construction	Embedded	0.75	0.161	0	1.12	0	0	0	0	0	0	0	1.281
373976	Quinto	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0.118	0.236	0.354	0.072	0.072	0	0	0	0.852
373974	Mendoza	Ongoing	Commercial	Business	Embedded	0.75	2.6	0	0	0	0	0	0	0	0	0	2.6
373973	Mendoza	Ongoing	Commercial	Business	Embedded	0.75	5.125	0	0	0	0	0	0	0	0	0	5.125

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0.7	0	0	0	0	0	0	0	0	0	0.7
0.25	0	0	0	0	0	0	0	0	0	0.25
1	0	0	0	0	0	0	0	0	0	1
0.4	0	0	0	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	1
0	0.3	0	0	0	0	0	0	0	0	0.3
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
5	6.25	2.5	3.75	1.25	1.25	0	0	0	0	20
1.5	0	0	0	0	0	0	0	0	0	1.5
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
2.5	2.5	2.8	0	0	0	0	0	0	0	7.8
0	0	1.152	0.554	0.44	0.84	0.44	1.24	0.88	0	5.546
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.683	1.683	4.73	0	0	0	0	0	0	0	8.096
1.683	1.683	4.73	0	0	0	0	0	0	0	8.096
2.25	2.25	0	0	0	0	0	0	0	0	4.5
0	3.514	3	0	0	0	0	0	0	0	6.514
0	4.4	0	0	0	0	0	0	0	0	4.4
1.41	0	0	0	0	0	0	0	0	0	1.41
0	0	0	0	0	0	0	0	0	0	0
0	0.582	0.643	0	0	0	0	0	0	0	1.225
0	0	0	0	0	0	0	0	0	0	0
5	0	1.1	3.8	0	0.6	0	0	0	0	10.5
0	4.6	0	0	0	0	0	0	0	0	4.6
0.75	0.75	0.75	0	0	0	0	0	0	0	2.25
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.99	0.99	0.99	0	0	0	0	2.97
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0.675	1.075	0.675	0.675	1.35	0	4.45
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.828	0	0	0	0	0	0	0	0	1.828
1.4706	0	0	0	0	0	0	0	0	0	1.4706
2.5	0	0	0	0	0	0	0	0	0	2.5
2.5	0	0	0	0	0	0	0	0	0	2.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.4	1.4	0	0	0	0	0	0	0	0	2.8
0	0.986	0.986	0.986	0.986	0	0	0	0	0	3.944
0.4	0	0	0	0	0	0	0	0	0	0.4
0.5	0	0	0	0	0	0	0	0	0	0.5
0.5	0.5	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0
4.33	0	0	0	0	0	0	0	0	0	4.33
0.75	0	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	0	2.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0.4	0	0	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	2.8	0	0	0	0	0	0	0	2.8
0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0	4
0.939	0	0	0	0	0	0	0	0	0	0.939
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
0.055	0	0	0	0	0	0	0	0	0	0.055
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.2	0	0	0	0	0	0	0	0	0	1.2
1.75	0	0	0	0	0	0	0	0	0	1.75
1.646	0	0	0	0	0	0	0	0	0	1.646
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	6.924	0.66	0.18	0	6	0	0	0	0	13.764
0	1.12	0	0	0	0	0	0	0	0	1.12
0	0.118	0.236	0.354	0.072	0.072	0	0	0	0	0.852
0	2.6	0	0	0	0	0	0	0	0	2.6
5.125	0	0	0	0	0	0	0	0	0	5.125

Difference between PY22 & PY23 (MVA)										
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983
2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.25	0	0	0	0	0	0	0	0	0.25
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-2	4.75	1	2.25	-0.25	-0.25	-1.5	-1.5	-1.5	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0
0.5	1.5	0.05	0	0	0	0	0	0	2.05
0	0	1.152	0.554	0.44	0.84	0.44	1.24	0.88	5.546
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.751	1.683	0.79	0	0	0	0	0	0	3.224
-0.213	0.719	0.79	0	0	0	0	0	0	1.296
0	0	0	0	0	0	0	0	0	0
-3	3.514	3	0	0	0	0	0	0	3.514
-4.4	4.4	0	0	0	0	0	0	0	0
1.41	0	0	0	0	0	0	0	0	1.41
0	0	0	0	0	0	0	0	0	0
-0.644	-0.061	0.643	0	0	0	0	0	0	-0.062
0	0	0	0	0	0	0	0	0	0
0.5	0	1.1	3.8	0	0.6	0	0	0	6
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-0.283	0	0	0	0.675	1.075	0.675	0.675	1.35	4.167
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-0.941	1.828	0	0	0	0	0	0	0	0.887
0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	2.5
2.5	0	0	0	0	0	0	0	0	2.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.826	0.825	-0.575	0	0	0	0	0	0	1.076
-0.574	0.412	0.412	0.986	0.986	0	0	0	0	2.222
0.4	0	0	0	0	0	0	0	0	0.4
0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-0.4	0.4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-3.25	0	4	0	0	0	0	0	0	0.75
0.939	0	0	0	0	0	0	0	0	0.939
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.2	0	0	0	0	0	0	0	0	1.2
1.75	0	0	0	0	0	0	0	0	1.75
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2.6	0	0	0	0	0	0	0	2.6
5.125	0	0	0	0	0	0	0	0	5.125

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

Service Request Amount Increase/ Decrease Rate from PY22
-30.00%
0.00%
-26.99%
-50.00%
-50.00%
0.00%
-13.04%
-50.00%
0.00%
0.00%
0.65%
1286.50%
39.49%
4.71%
0.00%
0.00%
0.00%
0.07%
-4.82%
133.33%
-25.00%
689.01%
94.26%
0.00%
0.00%
0.00%
6.59%
50.08%
0.00%
0.00%
-33.33%
0.00%
0.00%
0.00%
0.00%
23.08%
0.00%
0.00%
0.00%
0.00%
0.00%
0.00%
-50.00%
0.00%
-12.57%
0.00%
0.00%
0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2019-10-25	2022-01-01	2020-01-01	
No		2019-10-25	2023-01-01	2021-01-01	
Deferred3	0.25	2019-10-25	2023-01-01	2020-01-01	
No		2019-10-25	2023-01-01	2021-01-01	
No		2019-10-25	2023-01-01	2020-01-01	
N/A		2019-10-25	2022-01-01	2019-10-25	
No		2019-10-25	2023-01-01	2020-01-01	
No		2019-10-25	2024-01-01	2021-01-01	
N/A		2019-10-25	2022-01-01	2020-01-01	
N/A		2019-10-25	2022-01-01	2021-01-01	
Accelerated		2019-10-24	2023-01-01	2019-09-19	
No		2019-10-24	2023-01-01	2022-01-01	
No		2019-10-24	2023-01-01	2021-01-01	
N/A		2019-10-24	2022-01-01	2022-01-01	
N/A		2019-10-24	2022-01-01	2021-12-31	
N/A		2019-10-24	2022-01-01	2021-01-01	
N/A		2019-10-24	2022-01-01	2021-01-01	
N/A		2019-10-24	2022-01-01	2021-01-01	
Deferred3	0.5	2019-10-24	2023-01-01	2022-05-01	
N/A		2019-10-24	2022-01-01	2019-10-24	
No		2019-10-23	2023-01-01	2021-01-01	
Deferred3	0.4	2019-10-23	2025-01-01	2025-05-01	
N/A		2019-10-23	2022-01-01	2020-12-01	
N/A		2019-10-23	2023-01-01	2019-10-23	
Deferred2	0.932	2019-10-23	2023-01-01	2019-10-23	
No		2019-10-23	2023-01-01	2019-10-23	
No		2019-10-23	2023-01-01	2019-10-23	
Deferred3	6.514	2019-10-23	2024-01-01	2019-10-23	
Deferred3	4.4	2019-10-23	2024-01-01	2019-12-31	
Deferred3	1.409	2019-10-23	2023-01-01	2019-10-01	
N/A		2019-10-23	2022-01-01	2019-10-23	
Deferred3	1.287	2019-10-23	2024-01-01	2019-10-23	
N/A		2019-10-22	2023-01-01	2023-01-01	
Deferred1	5.5	2019-10-22	2023-01-01	2023-01-01	
N/A		2019-10-22	2024-01-01	2024-01-01	
No		2019-10-22	2023-01-01	2020-04-01	
N/A		2019-10-22	2022-01-01	2026-06-01	
N/A		2019-10-22	2026-01-01	2026-06-01	
N/A		2019-10-22	2022-01-01	2020-10-01	
Deferred3	0.564	2019-10-22	2027-01-01	2027-06-01	
N/A		2019-10-22	2022-01-01	2021-10-31	
N/A		2019-10-22	2022-01-01	2022-01-01	
Deferred3	0.941	2019-10-22	2024-01-01	2023-10-01	
No		2019-10-22	2023-01-01	2019-10-22	
Deferred3	2.5	2019-10-22	2023-01-01	2019-10-22	
Deferred3	2.5	2019-10-22	2023-01-01	2019-10-22	
N/A		2019-10-22	2022-01-01	2020-10-01	
N/A		2019-10-22	2022-01-01	2020-02-29	
N/A		2019-10-22	2023-01-01	2020-04-20	
Accelerated		2019-10-22	2023-01-01	2022-12-31	
Deferred3	2.628	2019-10-22	2024-01-01	2022-12-31	
Deferred3	0.4	2019-10-22	2023-01-01	2019-10-22	
Deferred3	0.5	2019-10-22	2023-01-01	2019-10-22	
No		2019-10-22	2023-01-01	2019-10-22	
N/A		2019-10-22	2022-01-01	2019-10-22	
No		2019-10-22	2023-01-01	2020-10-15	
No		2019-10-22	2023-01-01	2022-03-01	
N/A		2019-10-22	2022-01-01	2021-12-31	
No		2019-10-22	2023-01-01	2023-03-01	
N/A		2019-10-22	2022-01-01	2019-10-22	
N/A		2019-10-22	2022-01-01	2019-10-22	
N/A		2019-10-22	2023-01-01	2019-10-22	
N/A		2019-10-22	2022-01-01	2020-07-01	
Deferred3	0.4	2019-10-22	2024-01-01	2024-03-01	
N/A		2019-10-22	2023-01-01	2022-10-01	
N/A		2019-10-22	2022-01-01	2019-10-22	
N/A		2019-10-22	2024-01-01	2025-03-01	
N/A		2019-10-22	2025-01-01	2025-03-01	
N/A		2019-10-22	2023-01-01	2024-12-01	
Deferred3	3.25	2019-10-22	2025-01-01	2024-12-01	
Deferred3	0.939	2019-10-22	2023-01-01	2019-10-22	
N/A		2019-10-21	2022-01-01	2022-01-01	
N/A		2019-10-21	2023-01-01	2025-01-01	
N/A		2019-10-21	2027-01-01	2025-01-01	
N/A		2019-10-21	2022-01-01	2019-10-21	
Deferred3	0.75	2019-10-21	2023-01-01	2019-10-21	
N/A		2019-10-21	2023-01-01	2019-10-21	
Deferred3	0.5	2019-10-21	2023-01-01	2019-10-21	
N/A		2019-10-21	2022-01-01	2019-10-21	
N/A		2019-10-21	2024-01-01	2022-05-01	
Deferred3	0.5	2019-10-21	2023-01-01	2019-10-21	
N/A		2019-10-21	2022-01-01	2019-10-21	
N/A		2019-10-21	2023-01-01	2022-01-01	
N/A		2019-10-21	2022-01-01	2019-10-22	
N/A		2019-10-18	2022-01-01	2019-10-19	
Deferred3	1.2	2019-10-18	2023-01-01	2019-10-19	
Deferred3	1.75	2019-10-18	2023-01-01	2019-10-19	
No		2019-10-18	2023-01-01	2019-10-19	
N/A		2019-10-18	2022-01-01	2019-10-19	
N/A		2019-10-18	2022-01-01	2019-10-19	
N/A		2019-10-18	2024-01-01	2024-01-01	
No		2019-10-17	2024-01-01	2022-03-28	
No		2019-10-17	2024-01-01	2024-01-01	
Deferred3	2.6	2019-10-17	2024-01-01	2024-06-01	
Deferred3	5.125	2019-10-17	2023-01-01	2021-07-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
373972	Mendoza	Ongoing	Residential	Home Construction	Embedded	0.75	1.061	0	0	0	0	0	0	0	0	0	1.061
373971	Mckeever	Ongoing	Commercial	Other	Embedded	0.75	4.042	0	0	0	0	0	0	0	0	0	4.042
373970	Lead	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	1.8315	1.8315	0	0	0	0	0	0	3.663
317877	Mendoza	Ongoing	Residential	Home Construction	Embedded	0.75	0.525	0	0	0	0	0	0	0	0	0	0.525
317876	Lupine	Ongoing	Industrial	Cultivation	Incremental	0.75	2.3	0	0	0	0	0	0	0	0	0	2.3
302330	Acrobat	Ongoing	Commercial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
302327	Beone	Ongoing	Industrial	Other	Embedded	0.75	0.413	0	0	0	0	0	0	0	0	0	0.413
302326	Oban	Cancelled	Industrial	Cultivation	Incremental	0.75	0	0.683	0	0	0	0	0	0	0	0	0.683
302324	Moody	Completed	Industrial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
302321	Hancock	Ongoing	Commercial	Other	Embedded	0.75	1.244	0	0	0	0	0	0	0	0	0	1.244
302314	Sago	Completed	Residential	Home Construction	Embedded	0.75	0.973	0	0	0	0	0	0	0	0	0	0.973
302311	Buffalo	Completed	Commercial	Business	Embedded	0.75	0.492	0	0	0	0	0	0	0	0	0	0.492
302310	Millergrove	Ongoing	Commercial	Other	Embedded	0.75	0	1.08	0	0	0	0	0	0	0	0	1.08
302303	Havoc	Ongoing	Industrial	Facilities	Embedded	0.75	0	0.8	0	0	0	0	0	0	0	0	0.8
302302	Havoc	Ongoing	Industrial	Facilities	Embedded	0.75	1	2.5	0	0	0	0	0	0	0	0	3.5
302299	Rocket Town	Cancelled	Residential	Home Construction	Embedded	0.75	0.495	0.54	0	0	0	0	0	0	0	0	1.035
302295	Fig	Cancelled	Commercial	Business	Embedded	0.75	0	3	0	0	0	0	0	0	0	0	3
302294	Kuehner	Completed	Commercial	Business	Embedded	0.75	0.65	0.65	0	0	0	0	0	0	0	0	1.3
292986	Seaboard	Completed	Commercial	Education	Embedded	0.75	0.58	0	0	0	0	0	0	0	0	0	0.58
256792	Barracks	Completed	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256790	Range	Completed	Commercial	Other	Embedded	0.75	0	0.505	0.505	0	0	0	0	0	0	0	1.01
256784	Lab	Ongoing	Commercial	Business	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
256780	Kennedy	Completed	Agriculture	Agriculture	Embedded	0.75	0.228	0	0	0	0	0	0	0	0	0	0.228
256779	Crumville	Ongoing	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256778	Jessie	Completed	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256776	Zepher	Ongoing	Residential	Home Construction	Embedded	0.75	0.783	0	0	0	0	0	0	0	0	0	0.783
256775	Snipes	Completed	Residential	Home Construction	Embedded	0.75	0	0.7	0.7	0	0	0	0	0	0	0	1.4
256768	Tunnel	Ongoing	Industrial	Facilities	Embedded	0.75	1.28	1.28	1.895	1.47	0	0	0	0	0	0	5.925
256767	Baxter	Completed	Industrial	Cultivation	Incremental	0.75	0	1	0	0	0	0	0	0	0	0	1
256766	Admiral	Completed	Residential	Other	Embedded	0.75	0	0.9	0	0	0	0	0	0	0	0	0.9
256765	Admiral	Completed	Commercial	Business	Embedded	0.75	0	0.75	0	0	0	0	0	0	0	0	0.75
256763	Webster	Completed	Industrial	Facilities	Embedded	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
256750	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.798	0	0	0	0	0	0.798
256749	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.3	0	0	0	0	0	0	0	0	0.3
256747	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	4.99	0	0	0	0	0	4.99
256745	Cargo	Completed	Residential	Home Construction	Embedded	0.75	1.1	0	0	0	0	0	0	0	0	0	1.1
256744	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.064	0	0	0	0	0	0	0	0	1.064
256742	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.064	0	0	0	0	0	0	0	0	1.064
256741	Toyon	Completed	Residential	Home Construction	Embedded	0.75	4.5	0	0	0	0	0	0	0	0	0	4.5
256740	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	25.54	0	0	0	0	0	0	0	25.54
256739	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	1.5	0	0	0	0	0	0	0	1.5
256738	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.228	0	0	0	0	0	0	0	0	0.228
256737	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256736	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256735	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256734	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256733	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256732	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256731	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256730	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256729	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256728	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256727	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256726	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256725	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256724	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256723	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256722	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.33	0	0	0	0	0	0	0	0	1.33
256721	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.064	0	0	0	0	0	0	0	0	1.064
256719	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.064	0	0	0	0	0	0	0	0	1.064
256718	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256717	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256716	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.288	0	0	0	0	0	0	0	0	0.288
256715	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.288	0	0	0	0	0	0	0	0	0.288
256714	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.231	0	0	0	0	0	0	0	0	0.231
256713	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.533	0	0	0	0	0	0	0	0	0.533
256712	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.533	0	0	0	0	0	0	0	0	0.533
256711	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.533	0	0	0	0	0	0	0	0	0.533
256710	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.533	0	0	0	0	0	0	0	0	0.533
256709	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.04	0	0	0	0	0	0.04
256708	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256705	Greasewood	Completed	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
256702	Serenity	Completed	Agriculture	Agriculture	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
256690	Theater	Completed	Commercial	Business	Embedded	0.75	0.354	0	0	0	0	0	0	0	0	0	0.354
256686	Tichenor	Ongoing	Commercial	Business	Embedded	0.75	1.321	0	0	0	0	0	0	0	0	0	1.321
256685	Brand	Completed	Residential	Other	Embedded	0.75	0.627	0	0	0	0	0	0	0	0	0	0.627
256678	Bogey	Ongoing	Commercial	Other	Incremental	0.75	0	-0.14	0	0	0	0	0	0	0	0	-0.14
256674	Birchim	Ongoing	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
256672	Underwood	Completed	Transportation	LD EV	Incremental	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
256672	Cummins	Completed	Transportation	LD EV	Incremental	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
256670	Inyo Lumber	Ongoing	Commercial	Business	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
256666	Wyle	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
256666	Palace	Ongoing	Industrial	Facilities	Embedded	0.75	1.408	1.408	1.408	0	0	0	0	0	0	0	4.224
256665	Julius	Completed	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256662	Judy	Ongoing	Industrial	Plants	Embedded	0.75	3.34	0	0	0	0	0	0	0	0	0	3.34
256660	Judy	Completed	Commercial	Other	Embedded	0.75	0.125	0	0	0	0	0	0	0	0	0	0.125
256659	Shopping	Completed	Commercial	Other	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
256658	Byer	Completed	Commercial	Business	Embedded	0.75	0	0.375	0.375	0	0	0	0	0	0	0	0.75
256654	Morganstein	Completed	Agriculture	Agriculture	Embedded	0.75	0.375	0.375	0	0	0	0	0	0	0	0	0.75
256649	Boise	Completed	Commercial	Business	Embedded	0.75	0.642	0	0	0	0	0	0	0	0	0	0.642
256644	Hacienda	Completed	Residential	Home Construction	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
256643	Burleson	Completed	Residential	Home Construction	Embedded	0.75	0	0.6	0.6	0	0	0	0	0	0	0	1.2
256640	Boa	Completed	Commercial	Other	Embedded	0.75	0.589	0.589	0	0	0	0	0	0	0	0	1.178
256636	Seaboard	Completed	Residential	Home Construction	Embedded	0.75	0.2375	0.2375	0	0	0	0	0	0	0	0	0.475
256635	Whizzin	Completed	Residential	Home Construction	Embedded	0.75	0.3	0.2	0	0	0	0	0	0	0	0	0.5

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
1.061	0	0	0	0	0	0	0	0	0	1.061
4.042	0	0	0	0	0	0	0	0	0	4.042
0	1.8315	1.8315	0	0	0	0	0	0	0	3.663
0.525	0	0	0	0	0	0	0	0	0	0.525
0	2.3	0	0	0	0	0	0	0	0	2.3
0.75	0	0	0	0	0	0	0	0	0	0.75
0.41	0	0	0	0	0	0	0	0	0	0.41
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.244	0	0	0	0	0	0	0	0	0	1.244
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.696	0	0	0	0	0	0	0	0	1.696
0	0.8	0	0	0	0	0	0	0	0	0.8
1	2.5	0	0	0	0	0	0	0	0	3.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.216	0.288	0	0	0	0	0	0	0	0	0.504
0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0.3
0	0	0	0	0	0	0	0	0	0	0
0.783	0	0	0	0	0	0	0	0	0	0.783
0	0	0	0	0	0	0	0	0	0	0
1.28	1.9	1.47	0	0	0	0	0	0	0	4.65
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.798	0	0	0	0	0	0	0.798
0.3	0	0	0	0	0	0	0	0	0	0.3
0	0	0	4.99	0	0	0	0	0	0	4.99
0	0	0	0	0	0	0	0	0	0	0
1.064	0	0	0	0	0	0	0	0	0	1.064
1.064	0	0	0	0	0	0	0	0	0	1.064
0	0	0	0	0	0	0	0	0	0	0
0	25.54	0	0	0	0	0	0	0	0	25.54
0	1.5	0	0	0	0	0	0	0	0	1.5
0.228	0	0	0	0	0	0	0	0	0	0.228
0.532	0	0	0	0	0	0	0	0	0	0.532

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
Deferred3	1.061	2019-10-17	2023-01-01	2022-11-01	
Deferred3	4.042	2019-10-17	2023-01-01	2019-10-18	
No		2019-10-17	2024-01-01	2020-09-01	
Deferred3	0.525	2019-10-17	2023-01-01	2022-11-01	
Deferred3	2.3	2019-10-17	2024-01-01	2023-07-01	
Deferred3	0.75	2019-10-17	2023-01-01	2019-12-31	
Deferred3	0.413	2019-10-17	2023-01-01	2019-12-31	
N/A		2019-10-17	2023-01-01	2019-12-31	
N/A		2019-10-17	2022-01-01	2020-12-30	
Deferred3	1.244	2019-10-17	2023-01-01	2020-06-01	
N/A		2019-10-17	2022-01-01	2021-12-31	
N/A		2019-10-17	2022-01-01	2020-10-01	
Deferred3	1.08	2019-10-17	2024-01-01	2020-10-01	
Deferred3	0.8	2019-10-16	2024-01-01	2020-01-01	
Deferred3	3.5	2019-10-16	2023-01-01	2022-04-01	
N/A		2019-10-16	2022-01-01	2022-06-01	
N/A		2019-10-16	2023-01-01	2023-01-01	
N/A		2019-10-16	2022-01-01	2019-06-01	
N/A		2019-10-16	2022-01-01	2020-06-01	
N/A		2019-10-16	2022-01-01	2022-12-01	
N/A		2019-10-16	2023-01-01	2023-06-30	
Deferred3	1	2019-10-16	2023-01-01	2019-10-16	
N/A		2019-10-16	2022-01-01	2021-12-31	
Deferred3	0.3	2019-10-16	2023-01-01	2021-12-31	
N/A		2019-10-16	2022-01-01	2021-09-30	
Deferred3	0.783	2019-10-16	2023-01-01	2022-10-31	
N/A		2019-10-16	2023-01-01	2019-10-16	
No		2019-10-16	2023-01-01	2021-12-01	
N/A		2019-10-16	2023-01-01	2021-10-01	
N/A		2019-10-16	2023-01-01	2021-10-01	
N/A		2019-10-16	2023-01-01	2021-10-01	
N/A		2019-10-16	2023-01-01	2021-10-01	
No		2019-10-15	2026-01-01	2026-06-30	
No		2019-10-15	2023-01-01	2023-06-30	
No		2019-10-15	2026-01-01	2026-06-30	
N/A		2019-10-15	2022-01-01	2021-01-01	
No		2019-10-15	2023-01-01	2023-06-30	
No		2019-10-15	2023-01-01	2023-06-30	
N/A		2019-10-15	2022-01-01	2021-10-01	
No		2019-10-14	2024-01-01	2024-06-30	
No		2019-10-14	2024-01-01	2024-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2023-01-01	2022-12-31	
No		2019-10-14	2026-01-01	2026-06-30	
No		2019-10-14	2023-01-01	2023-06-30	
N/A		2019-10-14	2023-01-01	2019-05-31	
N/A		2019-10-14	2022-01-01	2022-06-01	
N/A		2019-10-14	2022-01-01	2019-12-19	
Deferred3	1.321	2019-10-14	2023-01-01	2020-10-01	
N/A		2019-10-14	2022-01-01	2024-06-01	
No		2019-10-11	2023-01-01	2020-06-01	
Deferred3	1	2019-10-11	2024-01-01	2021-06-01	
N/A		2019-10-11	2022-01-01	2020-06-01	
N/A		2019-10-11	2022-01-01	2020-06-01	
Deferred3	1.5	2019-10-11	2025-01-01	2022-06-01	
N/A		2019-10-10	2023-01-01	2020-12-31	
Deferred3	4.224	2019-10-10	2023-01-01	2020-12-31	
N/A		2019-10-09	2022-01-01	2020-11-01	
Deferred3	3.34	2019-10-09	2023-01-01	2021-09-01	
N/A		2019-10-09	2022-01-01	2021-12-31	
N/A		2019-10-09	2022-01-01	2022-01-01	
N/A		2019-10-09	2023-01-01	2023-01-01	
N/A		2019-10-09	2022-01-01	2020-06-01	
N/A		2019-10-08	2022-01-01	2021-06-01	
N/A		2019-10-08	2022-01-01	2019-06-01	
N/A		2019-10-08	2023-01-01	2021-06-01	
N/A		2019-10-08	2022-01-01	2021-03-01	
N/A		2019-10-08	2022-01-01	2022-01-01	
N/A		2019-10-08	2022-01-01	2020-06-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
256634	Collins	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
256632	Caterpillar	Completed	Industrial	Cultivation	Incremental	1	1.899	0	0	0	0	0	0	0	0	0	1.899
256632	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
256628	Cummins	Ongoing	Industrial	Cultivation	Incremental	1	1.08	0	0	0	0	0	0	0	0	0	1.08
256624	Tarusa	Ongoing	Industrial	Cultivation	Incremental	0.9	0	1.6	2	2.7	2.7	0	0	0	0	0	9
256619	Trumpet	Ongoing	Residential	Home Construction	Embedded	0.75	0.2024	0.2024	0.6745	0.2698	0	0	0	0	0	0	1.3491
256619	Tambourine	Ongoing	Residential	Home Construction	Embedded	0.75	0.4722	0.4722	1.574	0.6296	0	0	0	0	0	0	3.148
256618	Lopez	Completed	Commercial	Business	Embedded	0.75	0	0.85	0.85	0	0	0	0	0	0	0	1.7
256616	Hatchery	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
256612	Tuggle	Completed	Commercial	Other	Embedded	0.75	0.481	0	0	0	0	0	0	0	0	0	0.481
256610	Ball	Completed	Agriculture	Agriculture	Embedded	0.75	0.303	0	0	0	0	0	0	0	0	0	0.303
256605	Starfighter	Completed	Commercial	Business	Embedded	0.75	0.2551	0	0	0	0	0	0	0	0	0	0.2551
256604	Electra	Ongoing	Commercial	Business	Embedded	0.75	0.393	0.393	0.393	0	0	0	0	0	0	0	1.179
256602	Mcbean	Completed	Commercial	Business	Embedded	1	0.1372	0	0	0	0	0	0	0	0	0	0.1372
256598	Redbanks	Cancelled	Industrial	Cultivation	Incremental	1	0	0	1.5	2.8	1.5	0	0	0	0	0	5.8
256588	Elmo	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256587	Northpark	Completed	Industrial	Facilities	Embedded	1	1.337	0	0	0	0	0	0	0	0	0	1.337
256586	Meagan	Ongoing	Commercial	Health Care	Embedded	1	0	0	0	2.58	0	0	0	0	0	0	2.58
256573	Acala	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256571	Mugu	Cancelled	Industrial	Plants	Embedded	0.75	1.75	1.75	0	0	0	0	0	0	0	0	3.5
256568	Tin Mine	Cancelled	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0.095	0.095	0.095	0	0	0.285
256567	Tin Mine	Cancelled	Residential	Home Construction	Embedded	0.6	0	0	0	0	0	1.14	1.14	1.14	0	0	3.42
256566	Mc Allister	Cancelled	Residential	Home Construction	Embedded	0.75	0	0	0	0	0.3707	0.3707	0.3707	0	0	0	1.1121
256565	Tin Mine	Ongoing	Residential	Home Construction	Embedded	0.75	0.6044	0.6044	0.6044	0	0	0	0	0	0	0	1.8132
256555	Houston	Completed	Agriculture	Agriculture	Embedded	0.75	1.5652	0	0	0	0	0	0	0	0	0	1.5652
256552	Ball	Ongoing	Agriculture	Agriculture	Embedded	0.75	1	0.8	0	0	0	0	0	0	0	0	1.8
256545	Doran	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
256544	Mississippi	Ongoing	Residential	Home Construction	Embedded	0.75	0.458	0.4	0	0	0	0	0	0	0	0	0.858
256541	Surprise	Completed	Agriculture	Agriculture	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
256536	Ball	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256532	St. Croix	Ongoing	Industrial	Other	Embedded	0.75	3.9	0	0	0	0	0	0	0	0	0	3.9
256531	Tetris	Completed	Residential	Home Construction	Embedded	0.75	1.595	0	0	0	0	0	0	0	0	0	1.595
256522	Redbanks	Cancelled	Industrial	Cultivation	Incremental	1	1	1.8	0	0	0	0	0	0	0	0	2.8
256511	Peanut	Ongoing	Residential	Other	Embedded	0.75	1.1	1.1	0	0	0	0	0	0	0	0	2.2
256510	Fraternity	Completed	Transportation	LD EV	Incremental	1	0.7	0	0	0	0	0	0	0	0	0	0.7
256508	Kropp	Completed	Industrial	Facilities	Embedded	0.75	2.4	0	0	0	0	0	0	0	0	0	2.4
256501	Fugate	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
256499	Dreyer	Ongoing	Residential	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
256498	Pass	Completed	Transportation	LD EV	Incremental	1	0.7	0	0	0	0	0	0	0	0	0	0.7
256494	Kropp	Completed	Residential	Home Construction	Embedded	0.75	0.3	0.767	0.767	0.767	0	0	0	0	0	0	2.601
256493	Mesquite	Cancelled	Commercial	Education	Embedded	0.75	0	0	0	0.325	0	0	0.325	0	0	0	0.65
256492	Mesquite	Ongoing	Residential	Home Construction	Embedded	0.75	0	4.1	4.2	4.2	3.8	3.8	3.8	4.2	4.3	0	32.4
256490	Harrell	Ongoing	Transportation	LD EV	Incremental	0.7	0	1.3539	0	0	0	0	0	0	0	0	1.3539
256489	Harrell	Ongoing	Commercial	Business	Embedded	0.75	0.3	0.7	0.25	0	0	0	0	0	0	0	1.25
256479	Gopher	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
256476	Josten	Completed	Residential	Home Construction	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
256463	Erskine	Completed	Commercial	Business	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
256446	Midge	Completed	Agriculture	Agriculture	Embedded	0.75	0.21	0	0	0	0	0	0	0	0	0	0.21
256445	Combat	Ongoing	Commercial	Other	Embedded	0.75	1.67	0	0	0	0	0	0	0	0	0	1.67
256439	Clancy	Ongoing	Residential	Home Construction	Embedded	0.75	0.55	0.275	0.275	0	0	0	0	0	0	0	1.1
256434	Crossley	Ongoing	Industrial	Cultivation	Incremental	0.75	10	4	0	0	0	0	0	0	0	0	14
256409	Vossler	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
256395	Glacier	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
256395	Astoria	Ongoing	Commercial	Business	Embedded	0.75	0.75	0.75	0.75	0	0	0	0	0	0	0	2.25
256394	Slate	Ongoing	Residential	Home Construction	Embedded	0.75	0	1.3	1.3	1.3	0	0	0	0	0	0	3.9
256393	Bonsall	Ongoing	Commercial	Other	Incremental	1	17	0	0	-20	0	0	0	0	0	0	-3
256388	Westbluff	Completed	Residential	Home Construction	Embedded	0.75	0.34	0	0	0	0	0	0	0	0	0	0.34
256387	Cresthaven	Completed	Residential	Home Construction	Embedded	0.75	0.1471	0.1471	0	0	0	0	0	0	0	0	0.2942
256373	Reimann	Cancelled	Residential	Home Construction	Embedded	0.75	0	0.228	0	0	0	0	0	0	0	0	0.228
256372	Ramac	Ongoing	Residential	Home Construction	Embedded	0.75	2.734	0.764	0.064	0	0	0	0	0	0	0	3.562
256370	Ricardo	Completed	Residential	Home Construction	Embedded	0.75	0.345	0	0	0	0	0	0	0	0	0	0.345
256369	Mack	Ongoing	Transportation	LD EV	Incremental	1	0.672	0	0	0	0	0	0	0	0	0	0.672
256368	Caterpillar	Completed	Industrial	Cultivation	Incremental	1	0.863	0	0	0	0	0	0	0	0	0	0.863
256368	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
256366	Peterbilt	Cancelled	Industrial	Cultivation	Incremental	1	0	4.395	0	0	0	0	0	0	0	0	4.395
256361	Autumn	Ongoing	Commercial	Business	Embedded	0.75	0.613	0	0	0	0	0	0	0	0	0	0.613
256356	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
256350	Peterbilt	Ongoing	Industrial	Cultivation	Incremental	1	2.73	0	0	0	0	0	0	0	0	0	2.73
256348	Overall	Completed	Industrial	Cultivation	Incremental	0.75	0	7.98	0	0	0	0	0	0	0	0	7.98
256347	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	1.5	0	0	0	0	0	0	0	1.5
256344	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	1.5	0	0	0	0	0	0	0	1.5
256334	Webster	Completed	Industrial	Cultivation	Incremental	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
245678	Toyon	Completed	Commercial	Business	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
238535	Segovia	Ongoing	Commercial	Health Care	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
238531	Segovia	Completed	Commercial	Business	Embedded	0.75	0.23	0.23	0	0	0	0	0	0	0	0	0.46
238530	Via Norte	Completed	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
238529	Bishop	Ongoing	Transportation	LD EV	Incremental	0.75	1.92	0	0	0	0	0	0	0	0	0	1.92
238527	Mercer	Completed	Commercial	Health Care	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
238525	Cadence	Completed	Commercial	Business	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
238524	Riptide	Ongoing	Residential	Home Construction	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
238523	Pony	Completed	Commercial	Other	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
238522	Brand	Completed	Commercial	Business	Embedded	0.75	0.2059	0.357	0	0	0	0	0	0	0	0	0.5629
238520	Rawson	Ongoing	Residential	Home Construction	Embedded	0.75	0.6522	0.6522	0.4348	0	0	0	0	0	0	0	1.7392
238519	Neon	Cancelled	Commercial	Other	Embedded	0.75	0	0.452	0	0	0	0	0	0	0	0	0.452
238518	Inn	Completed	Transportation	LD EV	Incremental	1	0.525	0	0	0	0	0	0	0	0	0	0.525
238513	Bilton	Ongoing	Residential	Other	Embedded	0.75	0	0.483	0	0.483	0	0	0	0	0	0	0.966
238510	Tartar	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
238508	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238507	Rexford	Ongoing	Residential	Home Construction	Embedded	0.75	0.36	0	0	0	0	0	0	0	0	0	0.36
238506	Livermore	Completed	Residential	Home Construction	Embedded	0.75	0.43	0.43	0	0	0	0	0	0	0	0	0.86
238505	Meredith	Completed	Industrial	Facilities	Embedded	1	7.945	0	0	0	0	0	0	0	0	0	7.945
238499	Harlem Springs	Completed	Industrial	Plants	Embedded	0.75	3.3261	0	0	0	0	0	0	0	0	0	3.3261
238499	Warm Creek	Completed	Industrial	Plants	Embedded	0.75	3.3261	0	0	0	0	0	0	0	0	0	3.3261
238498	Suntower	Ongoing	Residential	Other	Embedded	0.75	0	0	1.5	0	0	0	0	0	0	0	1.5
238497	Alla	Ongoing	Commercial	Business	Embedded	0.75	0	1.8	0	0	0	0	0	0	0	0	1.8

PY23 (MVA)											[redacted]	Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.899	0	0	0	0	0	0	0	0	0	1.899		0	0	0	0	0	0	0	0	0	0	
1.08	0	0	0	0	0	0	0	0	0	1.08		1.08	0	0	0	0	0	0	0	0	1.08	0.00%
0	2	2.7	2.7	1.6	0	0	0	0	0	9		-1.6	0	0	0	1.6	0	0	0	0	0	0.00%
0.236	0.524	0.315	0	0	0	0	0	0	0	1.075		0.0336	-0.1505	0.0452	0	0	0	0	0	0	-0.0717	-20.32%
0.236	1.05	0.315	0	0	0	0	0	0	0	1.601		-0.2362	-0.524	-0.3146	0	0	0	0	0	0	-1.0748	-49.14%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.179	0	0	0	0	0	0	0	0	0	1.179		0.786	-0.393	0	0	0	0	0	0	0	0.393	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	2.58	0	0	0	0	0	0	0	2.58		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.6044	0.6044	0.6044	0	0	0	0	0	0	0	1.8132		0	0	0.6044	0	0	0	0	0	0	0.6044	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0	0.8		0	0	0	0	0	0	0	0	0	0	-55.56%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.4	0	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	-53.38%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	1		1	0	0	0	0	0	0	0	0	1	-74.36%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.1	0	0	0	0	0	0	0	0	0	1.1		0	0	0	0	0	0	0	0	0	0	-50.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.9	3.5	3.9	5.8	7.6	6.3	7.1	6.9	8.1	6.2	57.3		-2.2	-0.7	-0.3	2	3.8	2.5	2.9	2.6	8.1	18.7	76.85%
1.935	0	0	0	0	0	0	0	0	0	1.935		0.5811	0	0	0	0	0	0	0	0	0.5811	42.92%
0.3	0.7	0.25	0	0	0	0	0	0	0	1.25		-0.4	0.45	0.25	0	0	0	0	0	0	0.3	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.67	0	0	0	0	0	0	0	0	0	1.67		1.67	0	0	0	0	0	0	0	0	1.67	0.00%
0.55	0.275	0.275	0	0	0	0	0	0	0	1.1		0.275	0	0.275	0	0	0	0	0	0	0.55	0.00%
10	20	0	0	0	0	0	0	0	0	30		6	20	0	0	0	0	0	0	0	26	114.29%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	1.025	1.025	0	0	0	2.05		0	0	0	0	0	0	0	0	0	0	
1.35	1.35	1.057	1.057	1.057	0	0	0	0	0	5.871		0.6	0.6	1.057	1.057	1.057	0	0	0	0	4.371	160.93%
1.3	1.3	1.3	0	0	0	0	0	0	0	3.9		0	0	0	0	0	0	0	0	0	0	0.00%
12.5	0	-20	0	0	0	0	0	0	0	-7.5		12.5	0	0	0	0	0	0	0	0	12.5	-150.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
3.5	0	0	0	0	0	0	0	0	0	3.5		2.736	-0.064	0	0	0	0	0	0	0	2.672	-1.74%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.871	0	0	0	0	0	0	0	0	0	0.871		0.871	0	0	0	0	0	0	0	0	0.871	29.61%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.863	0	0	0	0	0	0	0	0	0	0.863		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.61	0	0	0	0	0	0	0	0	0	0.61		0.61	0	0	0	0	0	0	0	0	0.61	-0.49%
1.5	0	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	0.00%
2.73	0	0	0	0	0	0	0	0	0	2.73		2.73	0	0	0	0	0	0	0	0	2.73	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	1.5	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	0.00%
0	1.5	0	0	0	0	0	0	0	0	1.5		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.92	0	0	0	0	0	0	0	0	0	1.92		1.92	0	0	0	0	0	0	0	0	1.92	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.612	0	0	0	0	0	0	0	0	0	0.612		0.612	0	0	0	0	0	0	0	0	0.612	74.86%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.6522	0.65	0.435	0	0	0	0	0	0	0	1.7372		0	0.2152	0.435	0	0	0	0	0	0	0.6502	-0.11%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.483	0	0.483	0	0	0	0	0	0	0	0.966		0	0	0	0	0	0	0	0	0	0	0.00%
0.5	0	0	0	0	0	0	0	0	0	0.5		0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.325	0	0	0	0	0	0	0	0	0	0.325		0.325	0	0	0	0	0	0	0	0	0.325	-9.72%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5		1.5	-1.5	0	0	0	0	0	0	0	0	0.00%
0	1.8	0	0	0	0	0	0	0	0	1.8		-1.8	1.8	0	0	0	0	0	0	0	0	0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2019-10-08	2022-01-01	2022-01-01	
N/A		2019-10-08	2022-01-01	2021-06-01	
N/A		2019-10-08	2023-01-01	2021-06-01	
Deferred3	1.08	2019-10-08	2023-01-01	2020-06-01	
Deferred3	1.6	2019-10-04	2024-01-01	2023-06-01	
No		2019-10-01	2023-01-01	2023-06-01	
No		2019-10-01	2023-01-01	2023-06-01	
N/A		2019-10-01	2023-01-01	2023-01-01	
N/A		2019-10-01	2022-01-01	2020-06-01	
N/A		2019-09-30	2022-01-01	2022-01-01	
N/A		2019-09-27	2022-01-01	2022-01-01	
N/A		2019-09-26	2022-01-01	2020-01-01	
Accelerated		2019-09-26	2023-01-01	2023-01-01	
N/A		2019-09-26	2022-01-01	2020-04-01	
N/A		2019-09-25	2024-01-01	2024-01-01	
N/A		2019-09-23	2022-01-01	2022-06-01	
N/A		2019-09-23	2022-01-01	2022-01-01	
No		2019-09-18	2025-01-01	2019-10-25	
N/A		2019-09-18	2022-01-01	2022-06-01	
N/A		2019-09-16	2022-01-01	2022-01-01	
N/A		2019-09-13	2027-01-01	2027-01-01	
N/A		2019-09-13	2027-01-01	2027-01-01	
N/A		2019-09-13	2026-01-01	2026-01-01	
Deferred3	0.6044	2019-09-13	2023-01-01	2022-12-31	
N/A		2019-08-26	2022-01-01	2020-08-15	
No		2019-08-19	2023-01-01	2019-09-01	
N/A		2019-08-02	2022-01-01	2022-06-01	
No		2019-07-30	2023-01-01	2019-11-01	
N/A		2019-07-25	2022-01-01	2022-06-01	
N/A		2019-07-15	2022-01-01	2022-01-01	
Deferred3	3.9	2019-06-27	2023-01-01	2019-12-01	
N/A		2019-06-27	2022-01-01	2019-06-27	
N/A		2019-06-04	2022-01-01	2020-12-31	
No		2019-05-20	2023-01-01	2020-01-01	
N/A		2019-05-16	2022-01-01	2021-12-31	
N/A		2019-05-10	2022-01-01	2019-11-01	
N/A		2019-04-29	2022-01-01	2022-06-01	
Deferred3	0.5	2019-04-16	2023-01-01	2019-03-14	
N/A		2019-04-16	2022-01-01	2019-04-16	
N/A		2019-04-11	2022-01-01	2019-06-01	
N/A		2019-04-10	2025-01-01	2025-06-01	
Deferred1	14.3	2019-04-10	2023-01-01	2022-06-01	
No		2019-04-10	2023-01-01	2023-06-30	
Deferred3	1.25	2019-04-10	2023-01-01	2023-01-12	
N/A		2019-03-26	2022-01-01	2022-06-01	
N/A		2019-03-18	2022-01-01	2022-06-01	
N/A		2019-02-25	2022-01-01	2022-06-01	
N/A		2019-01-28	2022-01-01	2022-06-01	
Deferred3	1.67	2019-01-22	2023-01-01	2023-01-01	
Deferred3	0.825	2019-01-17	2023-01-01	2020-06-01	
Deferred3	14	2019-01-15	2023-01-01	2020-03-01	
N/A		2018-12-12	2022-01-01	2022-06-01	
N/A		2018-10-16	2028-01-01	2023-06-01	
Deferred3	2.25	2018-10-16	2023-01-01	2023-06-01	
No		2018-10-16	2023-01-01	2018-10-16	
No		2018-10-16	2023-01-01	2020-09-01	
N/A		2018-10-15	2022-01-01	2018-12-31	
N/A		2018-10-14	2022-01-01	2023-06-01	
N/A		2018-10-13	2023-01-01	2023-01-01	
Accelerated		2018-10-13	2023-01-01	2023-03-01	
N/A		2018-10-13	2022-01-01	2022-01-01	
Deferred3	0.672	2018-10-13	2023-01-01	2019-06-01	
N/A		2018-10-13	2022-01-01	2021-06-01	
N/A		2018-10-13	2023-01-01	2021-06-01	
N/A		2018-10-13	2023-01-01	2021-06-01	
Deferred3	0.613	2018-10-13	2023-01-01	2021-06-01	
No		2018-10-13	2023-01-01	2023-06-30	
Deferred3	2.73	2018-10-13	2023-01-01	2020-06-01	
N/A		2018-10-13	2023-01-01	2019-12-31	
No		2018-10-13	2024-01-01	2024-06-30	
No		2018-10-13	2024-01-01	2024-06-30	
N/A		2018-10-12	2022-01-01	2018-10-12	
N/A		2018-10-12	2023-01-01	2021-04-01	
No		2018-10-12	2023-01-01	2019-01-01	
N/A		2018-10-12	2022-01-01	2019-06-01	
N/A		2018-10-12	2022-01-01	2019-10-22	
Deferred3	1.92	2018-10-12	2023-01-01	2018-07-01	
N/A		2018-10-12	2022-01-01	2018-10-31	
N/A		2018-10-12	2022-01-01	2017-10-01	
Deferred3	0.35	2018-10-12	2023-01-01	2023-06-01	
N/A		2018-10-12	2022-01-01	2019-06-12	
N/A		2018-10-12	2022-01-01	2019-06-01	
Deferred3	1.087	2018-10-12	2023-01-01	2020-10-21	
N/A		2018-10-12	2023-01-01	2022-12-31	
N/A		2018-10-12	2022-01-01	2021-10-20	
No		2018-10-12	2023-01-01	2019-01-01	
Deferred3	0.5	2018-10-12	2023-01-01	2023-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
Deferred3	0.36	2018-10-12	2023-01-01	2022-12-31	
N/A		2018-10-12	2022-01-01	2018-12-31	
N/A		2018-10-12	2022-01-01	2018-10-12	
N/A		2018-10-12	2022-01-01	2018-10-01	
N/A		2018-10-12	2022-01-01	2018-10-01	
Accelerated		2018-10-12	2023-01-01	2022-12-01	
Deferred3	1.8	2018-10-12	2024-01-01	2024-03-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
238496	Jerry	Completed	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
238495	M.G.M.	Ongoing	Commercial	Other	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
238494	Marshall	Completed	Commercial	Business	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
238492	Whitworth	Ongoing	Commercial	Other	Incremental	1	0	0	-1	0	0	0	0	0	0	0	-1
238491	Dina	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
238491	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238488	Dina	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
238488	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238486	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238486	Renault	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
238485	Trumble	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	2	2	1	0	0	0	0	0	5
238483	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238483	Renault	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
238474	Debug	Ongoing	Residential	Home Construction	Embedded	0.75	0.571	0	0	0	0	0	0	0	0	0	0.571
238472	Debug	Completed	Commercial	Other	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
238469	Fujiyama	Completed	Residential	Home Construction	Embedded	0.6	0.25	0.25	0	0	0	0	0	0	0	0	0.5
238468	Riptide	Ongoing	Residential	Home Construction	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
238466	Cadence	New	Commercial	Other	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
238466	Keeline	Completed	Commercial	Other	Embedded	0.75	3	2	2	1.8	0	0	0	0	0	0	8.8
238465	Ruttman	Completed	Residential	Home Construction	Embedded	0.6	0.5	0.5	0	0	0	0	0	0	0	0	1
238462	Shade	Completed	Commercial	Business	Embedded	0.75	1.1	0.45	0	0	0	0	0	0	0	0	1.55
238458	Hofer	Ongoing	Industrial	Plants	Embedded	1	2	0	0	0	0	0	0	0	0	0	2
238457	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238457	Renault	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
238456	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238456	Pegaso	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238454	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238454	Pegaso	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238449	Gaylord	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	1.889	0	0	0	0	0	1.889
238449	Pitzer	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	3.042	0	0	0	0	0	3.042
238449	Rock	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	0	1.688	0	0	0	0	0	1.688
238447	Pegaso	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238446	Lusk	Ongoing	Residential	Home Construction	Embedded	0.75	1.1348	0.62	0.7	0	0	0	0	0	0	0	2.4548
238445	Pegaso	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238444	Green Acres	Completed	Residential	Home Construction	Embedded	0.75	0.7	0	0	0	0	0	0	0	0	0	0.7
238443	Cable	Completed	Residential	Home Construction	Embedded	1	0.531	0	0	0	0	0	0	0	0	0	0.531
238438	Shade	Completed	Residential	Home Construction	Embedded	0.75	1.925	1.862	0	0	0	0	0	0	0	0	3.787
238434	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
238428	Tile	Ongoing	Commercial	Business	Embedded	0.75	2.5	0	0	0	0	0	0	0	0	0	2.5
225218	Pegaso	Completed	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
225218	Peterbilt	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
225217	Teacher	Ongoing	Residential	Home Construction	Embedded	0.75	0	2	0	0	0	0	0	0	0	0	2
225216	Peterbilt	Ongoing	Industrial	Cultivation	Incremental	1	1.012	0	0	0	0	0	0	0	0	0	1.012
225212	Jerusalem	Completed	Commercial	Business	Embedded	0.75	0.1	0.15	0	0	0	0	0	0	0	0	0.25
224250	Pat	Completed	Commercial	Business	Embedded	0.75	0.415	0	0	0	0	0	0	0	0	0	0.415
224232	Scrabble	Completed	Residential	Home Construction	Embedded	0.75	1.75	1.75	0	0	0	0	0	0	0	0	3.5
224226	Torpedo	Completed	Industrial	Plants	Embedded	0.75	0	1	0	0	0	0	0	0	0	0	1
224225	Kentucky	Ongoing	Residential	Other	Embedded	0.75	1.7	1.7	0	0	0	0	0	0	0	0	3.4
224224	Blackburn	Completed	Residential	Home Construction	Embedded	0.75	0.4826	0.4826	0.4826	0.4826	0	0	0	0	0	0	1.9304
224223	Tetris	Completed	Commercial	Business	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
223294	Seawolf	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	1	1	1	0	0	0	0	0	4
223294	Armada	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0.5	0.5	0	0	0	0	0	0	2
223291	Argonaut	Completed	Residential	Home Construction	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
217052	Gearline	Completed	Commercial	Other	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
216110	Lombard	Completed	Commercial	Business	Embedded	0.75	5.486	0	0	0	0	0	0	0	0	0	5.486
216104	Larabee	Ongoing	Transportation	LD EV	Incremental	0.7	1.548	0	0	0	0	0	0	0	0	0	1.548
216102	Yahtzee	Ongoing	Industrial	Plants	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
216101	Barnacle	Completed	Transportation	LD EV	Incremental	0.7	0.774	0	0	0	0	0	0	0	0	0	0.774
216095	Artisano	Completed	Commercial	Business	Embedded	0.75	0	1.536	1.536	0	0	0	0	0	0	0	3.072
216095	Bryant	Completed	Commercial	Business	Embedded	0.75	0	1.536	1.536	0	0	0	0	0	0	0	3.072
216090	Krypton	Completed	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
216086	C B S	Completed	Commercial	Business	Embedded	0.75	0.6522	0	0	0	0	0	0	0	0	0	0.6522
216083	Ronwood	Completed	Industrial	Plants	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
216075	Tulsa	Ongoing	Residential	Home Construction	Embedded	0.75	1.425	0	0	0	0	0	0	0	0	0	1.425
216066	Creekside	Ongoing	Residential	Home Construction	Embedded	0.75	0.362	0.363	0	0	0	0	0	0	0	0	0.725
216064	Boeing	Completed	Commercial	Other	Embedded	0.75	0	0.5882	0.5882	0.5882	0.5882	0	0	0	0	0	2.3528
216064	Republic	Completed	Commercial	Other	Embedded	0.75	0	1.1029	1.1029	1.1029	1.1029	0	0	0	0	0	4.4116
216064	Ryan	Completed	Commercial	Other	Embedded	0.75	0	0.2132	0.2132	0.2132	0.2132	0	0	0	0	0	0.8528
216061	Nomad	Cancelled	Commercial	Business	Embedded	0.75	0	1.071	0	0	0	0	0	0	0	0	1.071
216059	Secretary	Ongoing	Residential	Home Construction	Embedded	0.75	0.43	0	0	0	0	0	0	0	0	0	0.43
216053	Hilton	Completed	Residential	Home Construction	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
216051	Hilton	Completed	Residential	Home Construction	Embedded	0.75	0.1678	0	0	0	0	0	0	0	0	0	0.1678
216050	Glacier	Completed	Residential	Home Construction	Embedded	0.75	0.246	0	0	0	0	0	0	0	0	0	0.246
216043	Arlington	Completed	Commercial	Business	Embedded	0.75	0	0.225	0	0	0	0	0	0	0	0	0.225
216040	Lab	Ongoing	Commercial	Business	Embedded	1	1	1	1.5	0	0	0	0	0	0	0	3.5
216039	Local	Ongoing	Commercial	Business	Embedded	0.75	1.4	0	0	0	0	0	0	0	0	0	1.4
206570	Paseo	Completed	Industrial	Facilities	Embedded	0.75	0.5217	0	0	0	0	0	0	0	0	0	0.5217
206569	Matterhorn	Ongoing	Residential	Home Construction	Embedded	0.75	0.669	0.669	0.669	0	0	0	0	0	0	0	2.007
206567	C B S	Completed	Commercial	Business	Embedded	0.75	0.4348	0	0	0	0	0	0	0	0	0	0.4348
206566	Everest	Completed	Residential	Home Construction	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
206559	Primrose	Ongoing	Residential	Home Construction	Embedded	0.75	0.15	0.46	0	0	0	0	0	0	0	0	0.61
206556	Fig	Completed	Residential	Home Construction	Embedded	0.75	0.245	0	0	0	0	0	0	0	0	0	0.245
206548	C B S	Completed	Commercial	Business	Embedded	0.75	0.4348	0	0	0	0	0	0	0	0	0	0.4348
206546	Iran	Completed	Commercial	Education	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
206543	Hahn	Completed	Transportation	LD EV	Incremental	1	0	1.12	0	0	0	0	0	0	0	0	1.12
206541	Rhoads	Ongoing	Commercial	Other	Embedded	0.75	2.085	0	0	0	0	0	0	0	0	0	2.085
206540	Calora	Ongoing	Commercial	Other	Embedded	0.75	2.6	0	0	0	0	0	0	0	0	0	2.6
206539	Bonita	Ongoing	Commercial	Other	Embedded	0.75	0	1.3	0	0	0	0	0	0	0	0	1.3
206537	Gladstone	Ongoing	Commercial	Other	Embedded	0.75	2.67	0	0	0	0	0	0	0	0	0	2.67
206536	Pelican	Ongoing	Commercial	Other	Embedded	0.75	0.55	0	0	0	0	0	0	0	0	0	0.55
206535	Parrot	Ongoing	Commercial	Other	Embedded	0.75	0.55	0	0	0	0	0	0	0	0	0	0.55
206534	Badwater	Ongoing	Commercial	Business	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
206530	Potash	Ongoing	Industrial	Plants	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
205520	Hellcat	Completed	Industrial	Facilities	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
200969	Sam	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	76	1.8	0	0	0	0	0	1.8

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
-1	0	0	0	0	0	0	0	0	0	-1
1.012	0	0	0	0	0	0	0	0	0	1.012
0	0	0	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	0	1.012
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	0	1.012
0	2	2	1	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	0	1.012
0.571	0	0	0	0	0	0	0	0	0	0.571
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0	0.75
2.6	0	0	0	0	0	0	0	0	0	2.6
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.1	0	0	0	0	0	0	0	0	1.1
0	0	0	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	0	1.012
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	1.889	0	0	0	0	0	0	1.889
0	0	0	3.042	0	0	0	0	0	0	3.042
0	0	0	1.688	0	0	0	0	0	0	1.688
0	0	0	0	0	0	0	0	0	0	0
0.62	0.7	0	0	0	0	0	0	0	0	1.32
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	0	2.5
0	0	0	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	0	1.012
0	2	0	0	0	0	0	0	0	0	2
1.012	0	0	0	0	0	0	0	0	0	1.012
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.5	1.7	0	0	0	0	0	0	0	0	3.2
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	1	0.75	0.75	0	0	0	0	0	0	3.5
0.5	0.5	0.5	0	0	0	0	0	0	0	1.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.548	0	0	0	0	0	0	0	0	0	1.548
2	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.425	0	0	0	0	0	0	0	0	0	1.425
0.45	0	0.4	0	0	0	0	0	0	0	0.85
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.25	0.25	0	0	0	0	0	0	0	0	0.5
1	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0
1.136	1.136	0.749	0.749	0.936	0.536	0	0	0	0	5.242
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.46	0	0	0	0	0	0	0	0	0	0.46
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.476	0	0	0	0	0	0	0	0	0	1.476
2.088	0	0	0	0	0	0	0	0	0	2.088
1.193	0	0	0	0	0	0	0	0	0	1.193
1.799	0	0	0	0	0	0	0	0	0	1.799
0.55	0	0	0	0	0	0	0	0	0	0.55
0.55	0	0	0	0	0	0	0	0	0	0.55
1.2	0	0	0	0	0	0	0	0	0	1.2
1	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0
0	0	1.8	0	0	0	0	0	0	0	1.8

Difference between PY22 & PY23 (MVA)									
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983
2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta
0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0
-1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.571	0	0	0	0	0	0	0	0	0.571
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.75	0	0	0	0	0	0	0	0	0.75
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1.1	0	0	0	0	0	0	0	1.1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	2.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-2	2	0	0	0	0	0	0	0	0
1.012	0	0	0	0	0	0	0	0	1.012
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-0.2	1.7	0	0	0	0	0	0	0	1.5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.5	0	-0.25	-0.25	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.548	0	0	0	0	0	0	0	0	1.548
2	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.425	0	0	0	0	0	0	0	0	1.425
0.087	0	0.4	0	0	0	0	0	0	0.487
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0.4
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
-0.75	-1.25	0	0	0	0	0	0	0	-2
1	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0.467	0.467	0.749	0.749	0.936	0.536	0	0	0	3.904
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.476	0	0	0	0	0	0	0	0	1.476
2.088	0	0	0	0	0	0	0	0	2.088
-0.107	0	0	0	0	0	0	0	0	-0.107
1.799	0	0	0	0	0	0	0	0	1.799
0.55	0	0	0	0	0	0	0	0	0.55
0.55	0	0	0	0	0	0	0	0	0.55
1.2	0	0	0	0	0	0	0	0	1.2
1	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

Service Request Amount Increase/ Decrease Rate from PY22
0.00%
0.00%
0.00%
0.00%
-45.00%
0.00%
0.00%
0.00%
-46.23%
0.00%
0.00%
0.00%
-5.88%
-12.50%
-25.00%
0.00%
0.00%
0.00%
17.24%
-6.98%
-85.71%
-28.57%
161.19%
-24.59%
-29.21%
-19.69%
-8.23%
-32.62%
0.00%
0.00%
0.00%
0.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2018-10-12	2022-01-01	2019-01-01	
Deferred3	0.5	2018-10-12	2023-01-01	2023-06-01	
N/A		2018-10-12	2022-01-01	2022-03-01	
Accelerated		2018-10-12	2023-01-01	2019-12-31	
N/A		2018-10-12	2023-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2023-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2023-01-01	2020-06-01	
No		2018-10-12	2024-01-01	2019-01-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2023-01-01	2020-06-01	
Deferred3	0.571	2018-10-12	2023-01-01	2023-06-01	
N/A		2018-10-12	2022-01-01	2022-01-01	
N/A		2018-10-12	2022-01-01	2019-05-01	
Deferred3	0.75	2018-10-12	2023-01-01	2022-12-01	
N/A		2018-10-12	2023-01-01	2018-01-01	
N/A		2018-10-12	2022-01-01	2018-01-01	
N/A		2018-10-12	2022-01-01	2019-05-01	
N/A		2018-10-12	2022-01-01	2021-01-01	
Deferred3	2	2018-10-12	2024-01-01	2023-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2023-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
N/A		2018-10-12	2022-01-01	2020-06-01	
No		2018-10-12	2026-01-01	2026-01-01	
No		2018-10-12	2026-01-01	2026-01-01	
No		2018-10-12	2026-01-01	2026-01-01	
N/A		2018-10-12	2022-01-01	2019-06-01	
No		2018-10-12	2023-01-01	2019-10-17	
N/A		2018-10-12	2022-01-01	2019-06-01	
N/A		2018-10-12	2022-01-01	2018-12-31	
N/A		2018-10-12	2022-01-01	2019-05-01	
N/A		2018-10-12	2022-01-01	2019-06-01	
N/A		2018-10-12	2022-01-01	2019-06-01	
Deferred3	2.5	2018-10-12	2023-01-01	2019-10-01	
N/A		2018-10-12	2022-01-01	2019-06-01	
N/A		2018-10-12	2023-01-01	2019-06-01	
Deferred3	2	2018-10-12	2024-01-01	2018-10-01	
Deferred3	1.012	2018-10-12	2023-01-01	2019-06-01	
N/A		2018-10-12	2022-01-01	2019-10-23	
N/A		2018-10-12	2022-01-01	2017-01-01	
N/A		2018-10-11	2022-01-01	2017-11-01	
N/A		2018-10-11	2023-01-01	2023-06-01	
Deferred3	3.4	2018-10-11	2023-01-01	2019-12-31	
N/A		2018-10-11	2022-01-01	2021-01-01	
N/A		2018-10-11	2022-01-01	2017-09-01	
No		2018-10-11	2023-01-01	2020-10-01	
No		2018-10-11	2023-01-01	2020-10-01	
N/A		2018-10-11	2022-01-01	2019-10-01	
N/A		2018-10-11	2022-01-01	2021-11-30	
N/A		2018-10-11	2022-01-01	2021-08-01	
Deferred3	1.548	2018-10-11	2023-01-01	2022-12-31	
Deferred3	2	2018-10-11	2023-01-01	2018-04-01	
N/A		2018-10-11	2022-01-01	2022-07-20	
N/A		2018-10-11	2023-01-01	2023-06-01	
N/A		2018-10-11	2023-01-01	2023-06-01	
N/A		2018-10-11	2022-01-01	2018-06-01	
N/A		2018-10-11	2022-01-01	2022-06-01	
N/A		2018-10-11	2022-01-01	2019-09-01	
Deferred3	1.425	2018-10-11	2023-01-01	2018-10-01	
Deferred3	0.725	2018-10-11	2023-01-01	2018-12-01	
N/A		2018-10-11	2023-01-01	2023-01-01	
N/A		2018-10-11	2023-01-01	2023-01-01	
N/A		2018-10-11	2023-01-01	2023-01-01	
N/A		2018-10-11	2023-01-01	2023-07-01	
Deferred3	0.43	2018-10-11	2023-01-01	2023-03-01	
N/A		2018-10-11	2022-01-01	2022-03-01	
N/A		2018-10-11	2022-01-01	2022-05-01	
N/A		2018-10-11	2022-01-01	2019-01-01	
N/A		2018-10-11	2023-01-01	2019-02-01	
No		2018-10-11	2023-01-01	2018-10-01	
Deferred3	1.4	2018-10-11	2023-01-01	2022-12-31	
N/A		2018-10-11	2022-01-01	2018-12-01	
Deferred3	2.007	2018-10-11	2023-01-01	2019-05-01	
N/A		2018-10-11	2022-01-01	2022-06-01	
N/A		2018-10-11	2022-01-01	2018-10-11	
No		2018-10-10	2023-01-01	2019-06-01	
N/A		2018-10-10	2022-01-01	2018-10-01	
N/A		2018-10-10	2022-01-01	2022-06-01	
N/A		2018-10-10	2022-01-01	2018-10-01	
N/A		2018-10-10	2023-01-01	2021-03-01	
Deferred3	2.085	2018-10-10	2023-01-01	2023-01-01	
Deferred3	2.6	2018-10-10	2023-01-01	2023-01-01	
No		2018-10-10	2023-01-01	2023-01-01	
Deferred3	2.67	2018-10-10	2023-01-01	2023-01-01	
Deferred3	0.55	2018-10-10	2023-01-01	2018-10-10	
Deferred3	0.55	2018-10-10	2023-01-01	2018-10-10	
Deferred3	1.2	2018-10-10	2023-01-01	2023-01-01	
Deferred3	1	2018-10-10	2023-01-01	2022-12-31	
N/A		2018-10-10	2022-01-01	2019-09-02	
No		2018-10-10	2025-01-01	2025-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
200967	Bill	Ongoing	Commercial	Other	Embedded	0.75	2.657	0	0	0	0	0	0	0	0	0	2.657
200964	Natalie	Ongoing	Residential	Home Construction	Embedded	0.75	2	2	0	0	0	0	0	0	0	0	4
199133	Augusta	Completed	Residential	Home Construction	Embedded	0.75	1.66	1.66	0.61	0	0	0	0	0	0	0	3.93
199132	Havoc	Completed	Commercial	Business	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
199127	Enterprise	Cancelled	Commercial	Business	Embedded	0.75	0	0.5	0	0	0	0	0	0	0	0	0.5
195479	Seacliff	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.45	0	0	0	0	0	0	0	0	1.45
195469	Palmview	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0	12	0	11	0	5	0	0	0	28
195466	Sand Canyon	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.6147	1.5368	0.9221	0	0	0	0	0	0	3.0736
195465	Radium	Completed	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
195464	Garboni	Completed	Commercial	Business	Embedded	0.75	0	1	0.7	0	0	0	0	0	0	0	1.7
195464	Leon	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
195461	Ocana	Completed	Commercial	Business	Embedded	0.75	0	1.4	0	0	0	0	0	0	0	0	1.4
195457	Trump	Completed	Industrial	Plants	Embedded	0.75	1.05	0	0	0	0	0	0	0	0	0	1.05
195451	Danube	Completed	Residential	Home Construction	Embedded	0.75	0.1215	0	0	0	0	0	0	0	0	0	0.1215
195449	Mugu	Ongoing	Commercial	Business	Embedded	0.75	0	0	2.1	0	0	0	0	0	0	0	2.1
195445	Ketch	Ongoing	Industrial	Plants	Embedded	0.75	0.706	0	0	0	0	0	0	0	0	0	0.706
191964	Havoc	Ongoing	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
191956	Peanut	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
191954	Oilwell	Completed	Commercial	Other	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
191953	Cadway	Completed	Commercial	Other	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
191950	Atmore	Completed	Commercial	Health Care	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
191947	Atento	Ongoing	Residential	Home Construction	Embedded	0.75	0.495	0.6	0	0	0	0	0	0	0	0	1.095
191946	Mosquito	Ongoing	Industrial	Plants	Embedded	0.75	0.69	5.94	0.79	0	0	0	0	0	0	0	7.42
191945	Ruby	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.35	0	0	0	0	0	0	0	0	0.85
191932	Bison	Completed	Commercial	Other	Embedded	0.75	10	0	0	0	0	0	0	0	0	0	10
191927	Chariot	Completed	Residential	Home Construction	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
191923	Lead	Completed	Industrial	Plants	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
191921	Gust	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.45	0	0	0	0	0	0	0	0	0.45
191920	Guitar	Completed	Commercial	Business	Embedded	1	0.39	0	0	0	0	0	0	0	0	0	0.39
191918	Guitar	Completed	Commercial	Business	Embedded	0.75	1.128	1.366	0	0	0	0	0	0	0	0	2.494
191917	Scrabble	Completed	Commercial	Business	Embedded	0.75	1.2	0	0	0	0	0	0	0	0	0	1.2
191916	Bertea	Ongoing	Residential	Home Construction	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
191912	Saturnino	Ongoing	Commercial	Other	Embedded	0.75	0	0	2.5	0	0	0	0	0	0	0	2.5
191910	Entrada	Ongoing	Commercial	Business	Embedded	0.75	0	0	0	3.3	0	0	0	0	0	0	3.3
191904	Intern	Completed	Residential	Home Construction	Embedded	0.75	0.07	0	0	0	0	0	0	0	0	0	0.07
191892	Scorpio	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.6	0.6	0	0	0	0	0	0	0	1.2
191889	Zodiac	Completed	Residential	Home Construction	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
191886	Froome	Completed	Commercial	Business	Embedded	0.75	0.5	1.6875	1.6875	0	0	0	0	0	0	0	3.875
191886	Froome	Completed	Commercial	Business	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
191886	Lemond	Completed	Commercial	Business	Embedded	0.75	0.8	0	0	0	0	0	0	0	0	0	0.8
191886	Lemond	Completed	Commercial	Business	Embedded	0.75	0.8	1.6875	1.6875	0	0	0	0	0	0	0	4.175
191877	Webb	Completed	Industrial	Facilities	Embedded	1	1.33	0	0	0	0	0	0	0	0	0	1.33
191875	Swanson	Completed	Agriculture	Agriculture	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
191864	Volturno	Ongoing	Residential	Home Construction	Embedded	0.75	3.2	0	0	0	2.1	2.1	2.6	0	0	0	10
135065	Cedar Glen	Completed	Commercial	Business	Embedded	0.75	0.355	0	0	0	0	0	0	0	0	0	0.355
135061	Inn	Ongoing	Commercial	Business	Embedded	0.75	1	0	0	0	0	0	0	0	0	0	1
135026	Joaquin	Ongoing	Commercial	Business	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
135026	Monopoly	Ongoing	Commercial	Business	Embedded	0.75	1.5	0	0	0	0	0	0	0	0	0	1.5
135008	Serenity	Completed	Commercial	Other	Embedded	0.75	0.4	0	0	0	0	0	0	0	0	0	0.4
135006	Merrit	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
134981	P & G	Completed	Industrial	Plants	Embedded	0.75	0	1	0	0	0	0	0	0	0	0	1
134967	Effie	Ongoing	Industrial	Facilities	Embedded	0.75	0.712	1.243	0	0	0	0	0	0	0	0	1.955
134963	Rio Grande	Completed	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
134961	Merryman	Completed	Industrial	Plants	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
134958	Sunset	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
134957	Cupples	Cancelled	Commercial	Other	Embedded	1	0.9	0.9	0.9	1.8	0	0	0	0	0	0	4.5
134955	Monson	Completed	Commercial	Business	Embedded	0.75	0.75	0	0	0	0	0	0	0	0	0	0.75
134949	Solitaire	Ongoing	Residential	Home Construction	Embedded	0.75	1.4	0	0	0	0	0	0	0	0	0	1.4
134940	Sheffield	Ongoing	Industrial	Cultivation	Incremental	0.75	2.7	1.2	0	0	0	0	0	0	0	0	3.9
134905	Linda Vista	Cancelled	Industrial	Cultivation	Incremental	0.75	1.37	0	0	0	0	0	0	0	0	0	1.37
134874	Penguin	Completed	Commercial	Business	Embedded	0.75	3	0	0	0	0	0	0	0	0	0	3
134872	Salmon	New	Commercial	Business	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
134857	Jerry	Ongoing	Residential	Home Construction	Embedded	0.75	0	2	2	1	1	0.95	0	0	1	0	7.95
134856	Graham	Completed	Residential	Home Construction	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
134855	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	1.758	0	0	0	0	0	0	0	0	1.758
134853	Overall	Completed	Industrial	Cultivation	Incremental	0.75	0	1.463	0	0	0	0	0	0	0	0	1.463
134851	Grapevine	Ongoing	Commercial	Business	Embedded	0.75	0.55	0	0	0	0	0	0	0	0	0	0.55
134848	Ryan	Ongoing	Commercial	Business	Embedded	0.75	0	5.3	0	0	0	0	0	0	0	0	5.3
134841	Photon	Ongoing	Residential	Home Construction	Embedded	0.75	0.65	0.43	1.03	0.6	0.6	0	0	0	0	0	3.31
134828	Cummins	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134828	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
134823	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134823	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	5.4	0	0	0	0	0	0	0	0	0	5.4
134822	Dina	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134822	International	Completed	Industrial	Cultivation	Incremental	1	1.18	0	0	0	0	0	0	0	0	0	1.18
134820	Kingpin	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134820	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	1.6	0	0	0	0	0	0	0	0	0	1.6
134819	International	Cancelled	Industrial	Cultivation	Incremental	1	1.55	0	0	0	0	0	0	0	0	0	1.55
134817	International	Ongoing	Industrial	Cultivation	Incremental	1	0	0.9	0	0	0	0	0	0	0	0	0.9
134816	International	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134800	Masonry	Completed	Industrial	Plants	Embedded	0.75	2	0	0	0	0	0	0	0	0	0	2
134793	Lakota	Completed	Commercial	Business	Embedded	0.75	0.0201	0	0	0	0	0	0	0	0	0	0.0201
134789	Inn	Ongoing	Transportation	LD EV	Incremental	1	1.896	1.896	0	0	0	0	0	0	0	0	3.792
134786	Cessna	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.25	0.25	0	0	0	0	0	0	0	0.5
134772	Pinewood	Ongoing	Commercial	Business	Embedded	0.75	0	0	1	1	2	1.5	1	0	0	0	6.5
134771	Jerry	Ongoing	Residential	Home Construction	Embedded	0.75	1	1	1	0	0	0	0	0	0	0	3
134768	Ethanac	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	1.5	2	2	0	0	0	0	0	6.5
134751	Conine	Completed	Residential	Home Construction	Embedded	0.75	1.1739	0	0	0	0	0	0	0	0	0	1.1739
134745	Clydesdale	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0	0	0	0	0	0	0	0	1
134742	Appalousa	Ongoing	Residential	Home Construction	Embedded	0.75	0.6522	0.3261	0.2174	0.2174	0.2174	0.2174	0	0	0	0	1.8479
134741	Thoroughbred	Completed	Residential	Home Construction	Embedded	0.75	0.66	0.3261	0.1087	0.1087	0.3261	0	0	0	0	0	1.5296
134741	Appalousa	Ongoing	Residential	Home Construction	Embedded	0.75	0.66	0.3261	0.1087	0.1087	0.3261	0	0	0	0	0	1.5296
134732	Ashberry	Cancelled	Residential	Home Construction	Embedded	0.75	0.3	0.425	0	0	0	0	0	0	0	0	0.725
134713	Creosote	Completed	Residential	Home Construction	Embedded	0.75	0	1.33	0	1.23	0	0	0	0	0	0	2.56
134713	Agave	Ongoing	Residential	Home Construction	Embedded	0.75	1.07	0	1.29	0	0	0	0	0	0	0	2.36

PY23 (MVA)										
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount
2.822	0	0	0	0	0	0	0	0	0	2.822
2	0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.818	0	0	0	0	0	0	0	0	1.818
0	12	0	11	0	5	0	0	0	0	28
0	0.6	1.55	0.95	0.8	0	0	0	0	0	3.9
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.0217	0.0152	0	0	0	0	0	0	0	0	0.0369
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.575	0	0	0	0	0	0	0	0	1.575
0.71	0	0	0	0	0	0	0	0	0	0.71
1	0	0	0	0	0	0	0	0	0	1
0.5	0	0	0	0	0	0	0	0	0	0.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.095	0	0	0	0	0	0	0	0	1.095
5.29	0.79	0.52	0	0	0	0	0	0	0	6.6
0.35	0	0	0	0	0	0	0	0	0	0.35
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.45	0	0	0	0	0	0	0	0	0	0.45
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0.8
0	2.5	0	0	0	0	0	0	0	0	2.5
0	0	3.3	0	0	0	0	0	0	0	3.3
0	0	0	0	0	0	0	0	0	0	0
1.2	0	0	0	0	0	0	0	0	0	1.2
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	3.2	0	2.1	2.1	2.6	0	0	0	0	10
0	0	0	0	0	0	0	0	0	0	0
4	0.1	0	0	0	0	0	0	0	0.1	4.2
1.5	0	0	0	0	0	0	0	0	0	1.5
1.5	0	0	0	0	0	0	0	0	0	1.5
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.243	0.712	0	0	0	0	0	0	0	0	1.955
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1.4	0	0	0	0	0	0	0	0	0	1.4
2.7	1.2	0	0	0	0	0	0	0	0	3.9
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	2.647	0	0	0	0	0	0	0	0	2.647
0	2	2	1	1	0.95	0	1	0	0	7.95
0	0	0	0	0	0	0	0	0	0	0
1.758	0	0	0	0	0	0	0	0	0	1.758
0	0	0	0	0	0	0	0	0	0	0
0.55	0	0	0	0	0	0	0	0	0	0.55
5.3	0	0	0	0	0	0	0	0	0	5.3
1.8	1	0	0	0	0	0	0	0	0	2.8
0.373	0	0	0	0	0	0	0	0	0	0.373
0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	4
0	0	0	0	0	0	0	0	0	0	0
1.18	0	0	0	0	0	0	0	0	0	1.18
0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0.8
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0.9
1.001	0	0	0	0	0	0	0	0	0	1.001
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
3.792	0	0	0	0	0	0	0	0	0	3.792
0.25	0.25	0	0	0	0	0	0	0	0	0.5
0	3	0	0	0	0	0	0	0	0	3
1	1	0	0	0	0	0	0	0	0	2
0.5	1.5	2	2	0	0	0	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0
0.25	0	0	0	0	0	0	0	0	0	0.25
0.5	0.5	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0
0.3261	0.1087	0	0	0	0	0	0	0	0	0.4348
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	1.29	1.23	0	0	0	0	0	0	0	2.52

Difference between PY22 & PY23 (MVA)										
255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
2.822	0	0	0	0	0	0	0	0	2.822	6.21%
0	0	0	0	0	0	0	0	0	0	-50.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
-1.45	1.818	0	0	0	0	0	0	0	0.368	25.38%
0	0	0	0	0	0	0	0	0	0	0.00%
-0.6147	-0.9368	0.6279	0.95	0.8	0	0	0	0	0.8264	26.89%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	-0.525	0	0	0	0	0	0	0	-0.525	-25.00%
0.71	0	0	0	0	0	0	0	0	0.71	0.57%
1	0	0	0	0	0	0	0	0	1	0.00%
0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
-0.6	1.095	0	0	0	0	0	0	0	0.495	0.00%
-0.65	0	0.52	0	0	0	0	0	0	-0.13	-11.05%
0	0	0	0	0	0	0	0	0	0	-58.82%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0.8	0	0	0	0	0	0	0	0	0.8	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0.6	-0.6	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	3.2	0	0	0	0	0	0	0	3.2	0.00%
0	0	0	0	0	0	0	0	0	0	
4	0.1	0	0	0	0	0	0	0	4.1	320.00%
1.5	0	0	0	0	0	0	0	0	1.5	0.00%
1.5	0	0	0	0	0	0	0	0	1.5	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0.712	0	0	0	0	0	0	0	0.712	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
1.4	0	0	0	0	0	0	0	0	1.4	0.00%
1.5	1.2	0	0	0	0	0	0	0	2.7	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
-2	0	1	0	0.05	0.95	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0.55	0	0	0	0	0	0	0	0	0.55	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
1.37	-0.03	-0.6	-0.6	0	0	0	0	0	0.14	-15.41%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
1.896	0	0	0	0	0	0	0	0	1.896	0.00%
0	0	0	0	0	0	0	0	0	0	0.00%
0	2	-1	-2	-1.5	-1	0	0	0	-3.5	-53.85%
0	0	0	0	0	0	0	0	0	0	-33.33%
0	0	0	0	0	0	0	0	0	0	-7.69%
0	0	0	0	0	0	0	0	0	0	
-0.25	0	0	0	0	0	0	0	0	-0.25	-75.00%
0.1739	0.2826	-0.2174	-0.2174	-0.2174	0	0	0	0	-0.1957	-45.88%
0	0	0	0	0	0	0	0	0	0	
0	0	-0.1087	-0.3261	0	0	0	0	0	-0.4348	-71.57%
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	
0	0	1.23	0	0	0	0	0	0	1.23	6.78%

Average Amount Increase (No N/A): 2.277
Average Amount Decrease (No N/A): -1.061

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
Deferred3	2.657	2018-10-10	2023-01-01	2023-01-01	
No		2018-10-10	2023-01-01	2019-03-01	
N/A		2018-10-10	2022-01-01	2022-01-01	
N/A		2018-10-10	2022-01-01	2020-01-01	
N/A		2018-10-10	2023-01-01	2023-01-01	
Deferred3	1.45	2018-10-09	2024-01-01	2023-12-31	
No		2018-10-09	2024-01-01	2024-01-01	
Deferred3	3.0736	2018-10-09	2024-01-01	2026-06-01	
N/A		2018-10-09	2022-01-01	2018-12-31	
N/A		2018-10-09	2023-01-01	2023-01-01	
N/A		2018-10-09	2023-01-01	2023-01-01	
N/A		2018-10-09	2023-01-01	2018-10-09	
N/A		2018-10-09	2022-01-01	2022-01-01	
N/A		2018-10-09	2022-01-01	2022-06-01	
No		2018-10-09	2024-01-01	2024-03-01	
Deferred3	0.706	2018-10-09	2023-01-01	2023-01-01	
Deferred3	1	2018-10-09	2023-01-01	2021-09-01	
Deferred3	0.5	2018-10-09	2023-01-01	2018-06-01	
N/A		2018-10-09	2022-01-01	2019-01-01	
N/A		2018-10-09	2022-01-01	2022-01-01	
N/A		2018-10-09	2022-01-01	2022-01-01	
Deferred3	1.095	2018-10-09	2024-01-01	2018-10-31	
Deferred3	6.63	2018-10-09	2023-01-01	2022-04-01	
No		2018-10-09	2023-01-01	2018-03-01	
N/A		2018-10-09	2022-01-01	2019-01-07	
N/A		2018-10-08	2022-01-01	2019-09-01	
N/A		2018-10-08	2022-01-01	2022-01-01	
No		2018-10-08	2023-01-01	2019-01-01	
N/A		2018-10-08	2022-01-01	2019-04-01	
N/A		2018-10-08	2022-01-01	2019-06-01	
N/A		2018-10-08	2022-01-01	2019-06-01	
Deferred3	0.8	2018-10-08	2023-01-01	2019-10-01	
No		2018-10-08	2024-01-01	2024-01-01	
No		2018-10-08	2025-01-01	2025-01-01	
N/A		2018-10-08	2022-01-01	2019-01-01	
Accelerated		2018-10-08	2023-01-01	2019-01-01	
N/A		2018-10-08	2022-01-01	2019-08-01	
N/A		2018-10-08	2022-01-01	2020-05-31	
N/A		2018-10-08	2022-01-01	2020-05-31	
N/A		2018-10-08	2022-01-01	2020-05-31	
N/A		2018-10-08	2022-01-01	2020-05-31	
N/A		2018-10-08	2022-01-01	2019-11-01	
N/A		2018-10-08	2022-01-01	2022-06-01	
Deferred2	3.2	2018-10-05	2024-01-01	2024-01-01	
N/A		2018-10-04	2022-01-01	2020-01-01	
Deferred3	1	2018-10-03	2023-01-01	2022-01-01	Modified
Deferred3	1.5	2018-08-16	2023-01-01	2019-01-01	
Deferred3	1.5	2018-08-16	2023-01-01	2019-01-01	
N/A		2018-07-23	2022-01-01	2022-06-01	
N/A		2018-07-19	2022-01-01	2022-06-01	
N/A		2018-06-11	2023-01-01	2019-12-31	
Deferred3	0.712	2018-05-24	2023-01-01	2020-06-01	
N/A		2018-05-14	2022-01-01	2018-12-31	
N/A		2018-05-11	2022-01-01	2019-12-31	
N/A		2018-05-10	2022-01-01	2022-06-01	
N/A		2018-05-09	2022-01-01	2021-01-04	
N/A		2018-05-07	2022-01-01	2018-10-01	
Deferred3	1.4	2018-04-25	2023-01-01	2017-11-01	
Deferred3	3.9	2018-04-13	2023-01-01	2023-06-01	
N/A		2018-03-03	2022-01-01	2018-03-03	
N/A		2018-01-09	2022-01-01	2022-06-01	
N/A		2018-01-09	2024-01-01	2024-06-01	
Deferred2	3.95	2018-01-02	2024-01-01	2024-01-01	
N/A		2018-01-02	2022-01-01	2022-01-01	
No		2018-01-02	2023-01-01	2023-06-30	
N/A		2018-01-02	2023-01-01	2019-10-31	
Deferred3	0.55	2018-01-02	2023-01-01	2023-09-30	
No		2018-01-01	2023-01-01	2023-05-01	
Accelerated		2017-12-29	2023-01-01	2022-12-01	
N/A		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2020-06-01	
N/A		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2020-06-01	
N/A		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2020-06-01	
N/A		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2021-06-01	
No		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2023-01-01	2020-06-01	
N/A		2017-12-28	2022-01-01	2020-01-01	
N/A		2017-12-28	2022-01-01	2020-06-01	
No		2017-12-27	2023-01-01	2017-03-31	
No		2017-12-27	2023-01-01	2023-01-01	
Accelerated		2017-12-22	2024-01-01	2024-01-01	
No		2017-12-22	2023-01-01	2023-01-01	
No		2017-12-22	2023-01-01	2017-12-22	
N/A		2017-12-21	2022-01-01	2018-07-01	
No		2017-12-21	2023-01-01	2018-12-29	
Accelerated		2017-12-21	2023-01-01	2023-01-01	
N/A		2017-12-21	2022-01-01	2018-12-05	
Accelerated		2017-12-21	2023-01-01	2018-12-05	
N/A		2017-12-21	2022-01-01	2022-01-01	
N/A		2017-12-19	2023-01-01	2022-01-01	
Deferred3	1.07	2017-12-19	2024-01-01	2022-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
134713	Agave	Ongoing	Residential	Home Construction	Embedded	0.75	1.07	1.33	1.29	1.23	0	0	0	0	0	0	4.92
134709	Teapot	Completed	Commercial	Other	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
134692	Bush	Completed	Residential	Home Construction	Embedded	0.75	0.242	0	0	0	0	0	0	0	0	0	0.242
134662	Redbanks	Completed	Industrial	Cultivation	Incremental	1	1	2	2.118	0	0	0	0	0	0	0	5.118
134662	Wells	Completed	Industrial	Cultivation	Incremental	1	0	1	2	2.118	0	0	0	0	0	0	5.118
134662	Seville	Ongoing	Industrial	Cultivation	Incremental	1	4	0	0	0	0	0	0	0	0	0	4
134654	Townhall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	10	0	0	0	0	0	0	0	0	10
134632	Chumash	Completed	Industrial	Facilities	Embedded	0.75	0.3	0.3	0	0	0	0	0	0	0	0	0.6
134614	Peterbilt	Completed	Industrial	Cultivation	Incremental	1	0	4.275	0	0	0	0	0	0	0	0	4.275
134614	Volvo	New	Industrial	Cultivation	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134612	Peterbilt	Ongoing	Industrial	Cultivation	Incremental	1	0.75	0	0	0	0	0	0	0	0	0	0.75
134594	Battalion	Completed	Industrial	Cultivation	Incremental	0.75	0.328	0.328	0	0	0	0	0	0	0	0	0.656
134586	Atento	Completed	Commercial	Education	Embedded	0.75	0.8	0.8	0	0	0	0	0	0	0	0	1.6
134585	Rutgers	Completed	Industrial	Plants	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
134575	Aquarius	Ongoing	Commercial	Health Care	Embedded	0.75	2.25	2.25	0	0	0	0	0	0	0	0	4.5
134573	Acme	Ongoing	Commercial	Other	Embedded	1	1.413	0	0	0	0	0	0	0	0	0	1.413
134573	Offside	Ongoing	Commercial	Other	Embedded	1	1.413	0	0	0	0	0	0	0	0	0	1.413
134573	Antone	Ongoing	Commercial	Other	Embedded	1	0.8696	0	0	0	0	0	0	0	0	0	0.8696
134573	Essex	Ongoing	Commercial	Other	Embedded	1	0.8043	0	0	0	0	0	0	0	0	0	0.8043
134572	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
134571	Bonsall	Ongoing	Commercial	Other	Embedded	0.75	0	0	0	6	0	0	0	0	0	0	6
134543	Milo	Completed	Transportation	LD EV	Incremental	0.75	1.355	0	0	0	0	0	0	0	0	0	1.355
134540	Empire	New	Transportation	LD EV	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
134532	Seaboard	Completed	Commercial	Business	Embedded	0.75	1.0294	1.0294	1.0294	0	0	0	0	0	0	0	3.0882
134531	Calgrove	Ongoing	Commercial	Business	Embedded	1	1.066	1.685	0.619	0.619	0.897	0	0	0	0	0	4.886
134531	Lyons	Ongoing	Commercial	Business	Embedded	1	0.7105	1.1231	0.4126	0.4126	0.598	0	0	0	0	0	3.2568
134527	Ocana	Completed	Commercial	Business	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
134510	Cloer	Completed	Commercial	Other	Embedded	0.75	2.2	0	0	0	0	0	0	0	0	0	2.2
134510	Vandalia	Completed	Commercial	Other	Embedded	0.75	3.7	0	0	0	0	0	0	0	0	0	3.7
134506	Krypton	Ongoing	Residential	Home Construction	Embedded	0.75	1.625	1.625	0	0	0	0	0	0	0	0	3.25
134499	Honeycrisp	Ongoing	Residential	Home Construction	Embedded	0.75	1.2609	1.1957	0	0	0	0	0	0	0	0	2.4566
134483	Slade	Completed	Industrial	Plants	Embedded	0.75	0.345	0	0	0	0	0	0	0	0	0	0.345
134471	Omicron	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
134469	Rhinedollar	Ongoing	Industrial	Plants	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
134465	Weston	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
134456	Vengeance	Ongoing	Residential	Home Construction	Embedded	0.75	0.64	0	0	0	0	0	0	0	0	0	0.64
134422	Mosebrook	Completed	Residential	Home Construction	Embedded	0.75	0.35	0	0	0	0	0	0	0	0	0	0.35
134411	Balboa	Completed	Residential	Home Construction	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
133543	Greasewood	Cancelled	Industrial	Cultivation	Incremental	0.75	8.437	0	0	0	0	0	0	0	0	0	8.437
126441	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.532	0	0	0	0	0	0	0	0	0.532
126439	Overall	Completed	Industrial	Cultivation	Incremental	0.75	0	1.626	0	0	0	0	0	0	0	0	1.626
126428	Serra	Cancelled	Industrial	Plants	Embedded	1	0	1.35	1.35	0	0	0	0	0	0	0	2.7
126424	Steelman	Completed	Residential	Home Construction	Embedded	0.75	0.105	0.282	0	0	0	0	0	0	0	0	0.387
126424	Tlsmith	Completed	Residential	Home Construction	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
126423	Pelican	Ongoing	Commercial	Other	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
126420	Greasewood	Ongoing	Industrial	Cultivation	Incremental	0.75	0	0.288	0	0	0	0	0	0	0	0	0.288
115997	Taberna	Ongoing	Residential	Home Construction	Embedded	0.75	0.45	1	0	0	0	0	0	0	0	0	1.45
115967	Cymbal	Completed	Residential	Home Construction	Embedded	0.75	0.6	0.6	0	0	0	0	0	0	0	0	1.2
115911	Autry	Completed	Residential	Home Construction	Embedded	0.75	2.0207	0.9632	0.9632	0.633	0.523	0.523	0.523	0.131	0	0	6.2801
115911	Linda Vista	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
106829	Driskill	Completed	Residential	Home Construction	Embedded	0.75	0.12	0	0	0	0	0	0	0	0	0	0.12
104362	Highway	Completed	Residential	Home Construction	Embedded	0.75	0.346	0	0	0	0	0	0	0	0	0	0.346
104359	Cloer	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
100701	Invader	Cancelled	Industrial	Cultivation	Incremental	0.75	0	0	0	0	0.7278	0	0	0	0	0	0.7278
100694	Orion	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	0	0.1765	0.1176	1.2647	1	0.0588	0	0	2.6176
100694	Starfighter	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.1176	0.8235	1.3824	1.0294	0.2941	0.1765	0.1765	0	0	4
100693	Marcus	Ongoing	Residential	Home Construction	Embedded	0.75	0.259	0.259	0	0	0	0	0	0	0	0	0.518
100673	Overall	Ongoing	Industrial	Cultivation	Incremental	0.75	0	2.66	0	0	0	0	0	0	0	0	2.66
100671	Monarch	Completed	Residential	Home Construction	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
93204	Coachella	Completed	Industrial	Cultivation	Incremental	0.75	65.59	0	0	0	0	0	0	0	0	0	65.59
93204	Coachella	Completed	Industrial	Cultivation	Incremental	0.75	31.47	0	0	0	0	0	0	0	0	0	31.47
93204	Townhall	Ongoing	Industrial	Cultivation	Incremental	0.75	34.12	0	0	0	0	0	0	0	0	0	34.12
93196	Fairhaven	Completed	Commercial	Other	Embedded	0.75	0	1.6	0	0	0	0	0	0	0	0	1.6
93172	Merrit	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
69904	Outlaw	Ongoing	Commercial	Business	Embedded	0.75	0	0.8913	0	0	0	0	0	0	0	0	0.8913
69898	Photon	Ongoing	Commercial	Other	Embedded	0.75	2	1.5	0	0	0	0	0	0	0	0	3.5
69863	Pantani	Ongoing	Commercial	Business	Embedded	0.75	1.3	2	2	2	3	0	0	0	0	0	10.3
60084	Gopher	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
60063	Olson	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.48	0	0	0	0	0	0	0	0	0.48
60025	Paragon	Completed	Residential	Home Construction	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
59993	Burum	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
59990	Kyte	Completed	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
59977	Munich	Completed	Residential	Home Construction	Embedded	0.75	0.32	0.32	0	0	0	0	0	0	0	0	0.64
59976	Munich	Ongoing	Residential	Home Construction	Embedded	0.75	0.283	0.282	0	0	0	0	0	0	0	0	0.565
59975	Munich	Ongoing	Residential	Home Construction	Embedded	0.75	0.438	0	0	0	0	0	0	0	0	0	0.438
59963	Merrit	Completed	Agriculture	Agriculture	Embedded	0.75	0.3	0	0	0	0	0	0	0	0	0	0.3
59959	Pantani	Ongoing	Commercial	Business	Embedded	0.75	2.46	2.46	2.46	0	0	0	0	0	0	0	7.38
54947	Estaban	Completed	Industrial	Plants	Embedded	0.75	0	1.5	0	0	0	0	0	0	0	0	1.5
54946	Paljay	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.49	0	0	0	0	0	0	0	0	0.49
54928	Parsons	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.6	0	0	0	0	0	0	0	0	0.9
54920	Scalp	Completed	Commercial	Business	Embedded	0.75	0	0	1.5	1	0	0	0	0	0	0	2.5
54910	Bowen	Completed	Agriculture	Agriculture	Embedded	0.75	0.15	0	0	0	0	0	0	0	0	0	0.15
54906	Paljay	Completed	Commercial	Business	Embedded	0.75	0.522	0	0	0	0	0	0	0	0	0	0.522
54898	Bouquet	Completed	Commercial	Other	Embedded	0.75	0	1.0588	1.4118	1.7059	0.8529	0.4412	0	0	0	0	5.4706
54879	Wyle	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
54878	Novac	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
54868	La Peer	Ongoing	Commercial	Other	Embedded	0.75	0	0	6	0	0	0	0	0	0	0	6
54850	Ruiz	New	Commercial	Business	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
54847	Conestoga	New	Commercial	Business	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
54837	Pistola	Ongoing	Residential	Home Construction	Embedded	0.75	0.2661	0.2661	0	0	0	0	0	0	0	0	0.5322
54829	Caterpillar	Cancelled	Industrial	Plants	Embedded	1	2.422	0	0	0	0	0	0	0	0	0	2.422
54796	Oboe	Completed	Commercial	Business	Embedded	0.75	4.3241	2.4014	0.4803	0	0	0	0	0	0	0	7.2058
54795	Guitar	Completed	Commercial	Business	Embedded	1	0.651	0.651	0	0	0	0	0	0	0	0	1.302
54783	Phoenix	Cancelled	Residential	Home Construction	Embedded	0.75	2.091	0	0	0	0	0	0	0	0	0	2.091
54759	Pyle	Completed	Residential	Home Construction	Embedded	0.75	0	4.22	2.56	82 0	0	0	0	0	0	0	6.78

PY23 (MVA)											Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853	255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	Average Amount Decrease (No N/A): -1.061
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	1.29	1.23	0	0	0	0	0	0	0	2.52	-1.33	0	0	0	0	0	0	0	0	-1.33	-48.78%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	-50.00%
7.5	7.5	0	0	0	0	0	0	0	0	15	-2.5	7.5	0	0	0	0	0	0	0	5	50.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.275	0	0	0	0	0	0	0	0	0	4.275	0	0	0	0	0	0	0	0	0	0	
0.75	0	0	0	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0	0	0	0.75	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.5	0	0	0	0	0	0	0	0	0	1.5	-0.75	0	0	0	0	0	0	0	0	-0.75	-66.67%
1.413	0	0	0	0	0	0	0	0	0	1.413	1.413	0	0	0	0	0	0	0	0	1.413	0.00%
1.413	0	0	0	0	0	0	0	0	0	1.413	1.413	0	0	0	0	0	0	0	0	1.413	0.00%
0.8696	0	0	0	0	0	0	0	0	0	0.8696	0.8696	0	0	0	0	0	0	0	0	0.8696	0.00%
0.8043	0	0	0	0	0	0	0	0	0	0.8043	0.8043	0	0	0	0	0	0	0	0	0.8043	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	6	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0.871	0	0	0	0	0	0	0	0	0.871	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.685	0.619	0.619	0.897	0	0	0	0	0	0	3.82	0	0	0	0	0	0	0	0	0	0	-21.82%
1.1231	0.4126	0.4126	0.598	0	0	0	0	0	0	2.5463	0	0	0	0	0	0	0	0	0	0	-21.82%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.625	0	0	0	0	0	0	0	0	0	1.625	0	0	0	0	0	0	0	0	0	0	-50.00%
1.1957	0	0	0	0	0	0	0	0	0	1.1957	0	0	0	0	0	0	0	0	0	0	-51.33%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.22	0	0	0	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0	0	0	0.22	-26.67%
0	0	1.5	0	0	0	0	0	0	0	1.5	-1.5	0	1.5	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.192	0	0	0	0	0	0	0	0	0	0.192	0.192	0	0	0	0	0	0	0	0	0.192	-70.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.532	0	0	0	0	0	0	0	0	0	0.532	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.3	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0.3	0.00%
0.288	0	0	0	0	0	0	0	0	0	0.288	0	0	0	0	0	0	0	0	0	0	0.00%
0.45	1	0	0	0	0	0	0	0	0	1.45	-0.55	1	0	0	0	0	0	0	0	0.45	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.02	0.96	0.96	0.63	0.52	0.52	0.52	0.13	0	0	6.26	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0.176	0.117	1.265	1	0.058	0	0	2.616	0	0	-0.1765	0.0584	-1.1477	0.265	0.9412	0.058	0	-0.0016	-0.06%
0	0.118	0.824	1.382	1.029	0.295	0.176	0.176	0	0	4	-0.1176	-0.7055	-0.5584	0.3526	0.7349	0.1185	-0.0005	0.176	0	0	0.00%
0	0.6	0	0	0	0	0	0	0	0	0.6	-0.259	0.6	0	0	0	0	0	0	0	0.341	15.83%
2.66	0	0	0	0	0	0	0	0	0	2.66	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
87.5	0	0	0	0	0	0	0	0	0	87.5	87.5	0	0	0	0	0	0	0	0	87.5	156.45%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.8913	0	0	0	0	0	0	0	0	0	0.8913	0	0	0	0	0	0	0	0	0	0	0.00%
1.5	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	-57.14%
1.2	0	2	2	2	3	0	0	0	0	10.2	-0.8	-2	0	-1	2	3	0	0	0	1.2	-0.97%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.41	0	0	0	0	0	0	0	0	0	0.41	-0.07	0	0	0	0	0	0	0	0	-0.07	-14.58%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.128	0	0	0	0	0	0	0	0	0	0.128	-0.154	0	0	0	0	0	0	0	0	-0.154	-77.35%
0.175	0	0	0	0	0	0	0	0	0	0.175	0.175	0	0	0	0	0	0	0	0	0.175	-60.05%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.46	2.46	2.46	0	0	0	0	0	0	0	7.38	0	0	2.46	0	0	0	0	0	0	2.46	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0.49	0	0	0	0	0	0	0	0	0	0.49	0	0	0	0	0	0	0	0	0	0	0.00%
0.6	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	-33.33%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0.618	0	0	0	0	0	0.618	0	0	0	0	0	0	0	0	0	0	
0.916	0.916	1.001	1.001	0.555	0.555	0.555	0.519	1.038	0	7.056	0	0	0	0	0	0	0	0	0	0	
0	6	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0.00%
0	0	1.3043	1.3043	2.17	0	0	0	0	0	4.7786	0	0	0	0	0	0	0	0	0	0	
0	0	0	15	0	4.65	0	3.47	0	0	23.12	0	0	0	0	0	0	0	0	0	0	
0.5322	0	0	0	0	0	0	0	0	0	0.5322	0.2661	0	0	0	0	0	0	0	0	0.2661	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
No		2017-12-19	2024-01-01	2022-01-01	
N/A		2017-12-18	2022-01-01	2019-05-01	
N/A		2017-12-17	2022-01-01	2018-04-01	
N/A		2017-12-12	2022-01-01	2021-06-01	
N/A		2017-12-12	2023-01-01	2021-06-01	
Deferred3	4	2017-12-12	2023-01-01	2021-06-01	
Deferred1	7.5	2017-12-06	2023-01-01	2019-07-01	
N/A		2017-12-04	2022-01-01	2018-03-01	
N/A		2017-10-31	2023-01-01	2021-06-01	
N/A		2017-10-31	2023-01-01	2021-06-01	
Deferred3	0.75	2017-10-31	2023-01-01	2019-06-01	
N/A		2017-10-06	2022-01-01	2022-01-01	
N/A		2017-09-23	2022-01-01	2017-09-17	
N/A		2017-09-23	2022-01-01	2019-01-01	
No		2017-09-04	2023-01-01	2019-01-01	
Deferred3	1.413	2017-08-31	2023-01-01	2019-06-01	
Deferred3	1.413	2017-08-31	2023-01-01	2019-06-01	
Deferred3	0.8696	2017-08-31	2023-01-01	2019-06-01	
Deferred3	0.8043	2017-08-31	2023-01-01	2019-06-01	
N/A		2017-08-28	2022-01-01	2022-06-01	
No		2017-08-28	2025-01-01	2024-12-31	
N/A		2017-06-30	2022-01-01	2020-01-01	
N/A		2017-06-28	2024-01-01	2017-10-01	
N/A		2017-06-08	2022-01-01	2023-06-01	
No		2017-06-08	2023-01-01	2019-10-03	
No		2017-06-08	2023-01-01	2019-10-03	
N/A		2017-06-02	2022-01-01	2018-07-01	
N/A		2017-05-12	2022-01-01	2022-06-01	
N/A		2017-05-12	2022-01-01	2022-06-01	
No		2017-05-07	2023-01-01	2018-03-01	
No		2017-04-24	2023-01-01	2023-04-01	
N/A		2017-03-28	2022-01-01	2022-06-01	
Deferred3	0.3	2017-03-13	2023-01-01	2018-04-02	
Deferred3	1.5	2017-03-06	2025-01-01	2021-04-01	
N/A		2017-03-01	2022-01-01	2022-06-01	
Deferred3	0.64	2017-02-18	2023-01-01	2020-10-01	
N/A		2017-02-13	2022-01-01	2021-01-01	
N/A		2017-02-10	2022-01-01	2017-02-10	
N/A		2017-02-09	2022-01-01	2022-06-30	
No		2017-02-09	2023-01-01	2023-06-30	
N/A		2017-02-09	2023-01-01	2019-10-31	
N/A		2017-02-06	2023-01-01	2023-01-01	
N/A		2017-02-03	2022-01-01	2022-01-01	
N/A		2017-02-03	2022-01-01	2022-01-01	
Deferred3	0.3	2017-02-03	2023-01-01	2017-06-01	
No		2017-01-31	2023-01-01	2023-06-30	
Deferred3	1.45	2017-01-24	2023-01-01	2017-08-01	
N/A		2017-01-20	2022-01-01	2022-01-01	
N/A		2017-01-04	2022-01-01	2022-01-01	
N/A		2017-01-04	2023-01-01	2023-01-01	Modified
N/A		2016-12-30	2022-01-01	2017-01-01	
N/A		2016-12-28	2022-01-01	2019-06-01	
N/A		2016-12-28	2022-01-01	2022-06-01	
N/A		2016-12-27	2026-01-01	2018-06-01	
Deferred3	2.6176	2016-12-26	2026-01-01	2024-06-01	
Deferred3	4	2016-12-26	2024-01-01	2024-06-01	
Deferred3	0.518	2016-12-26	2024-01-01	2023-09-01	
No		2016-12-20	2023-01-01	2023-06-30	
N/A		2016-12-16	2022-01-01	2017-09-01	
N/A		2016-10-22	2022-01-01	2019-06-01	
N/A		2016-10-22	2022-01-01	2019-06-01	
Deferred3	34.12	2016-10-22	2023-01-01	2019-06-01	
N/A		2016-10-11	2023-01-01	2022-11-01	
N/A		2016-09-20	2022-01-01	2022-06-01	
No		2016-09-12	2023-01-01	2018-06-01	
No		2016-09-12	2023-01-01	2018-01-01	
Deferred3	8.3	2016-08-04	2023-01-01	2017-10-01	
N/A		2016-06-10	2022-01-01	2022-06-01	
No		2016-05-25	2023-01-01	2023-06-01	
N/A		2016-04-28	2022-01-01	2016-06-30	
N/A		2016-04-11	2022-01-01	2022-06-01	
N/A		2016-04-07	2022-01-01	2022-06-01	
N/A		2016-04-04	2022-01-01	2015-01-01	
No		2016-04-04	2023-01-01	2015-01-01	
Deferred3	0.438	2016-04-04	2023-01-01	2015-01-01	
N/A		2016-03-24	2022-01-01	2022-06-01	
Deferred3	2.46	2016-03-23	2023-01-01	2017-01-01	
N/A		2016-01-26	2023-01-01	2023-01-01	
No		2016-01-26	2023-01-01	2019-01-01	
No		2016-01-21	2023-01-01	2017-03-01	
N/A		2016-01-21	2024-01-01	2019-12-31	
N/A		2016-01-19	2022-01-01	2022-06-01	
N/A		2016-01-14	2022-01-01	2019-09-01	
N/A		2016-01-13	2023-01-01	2023-03-01	
N/A		2016-01-12	2027-01-01	2026-12-31	
N/A		2016-01-12	2023-01-01	2022-06-01	
No		2016-01-11	2024-01-01	2023-12-31	
N/A		2016-01-07	2025-01-01	2023-01-03	
N/A		2016-01-07	2026-01-01	2022-01-01	
No		2016-01-05	2023-01-01	2023-01-01	
N/A		2016-01-04	2022-01-01	2021-06-01	
N/A		2015-12-28	2022-01-01	2016-06-01	
N/A		2015-12-28	2022-01-01	2016-06-01	
N/A		2015-12-23	2022-01-01	2015-08-01	
N/A		2015-12-21	2023-01-01	2023-01-01	

							PY22 (MVA)										
							1335.797	828.682	423.7041	245.2912	187.0941	60.1804	31.9913	35.5308	42.5013	26.8787	3217.6512
Unique Identifier	Circuit Name	Status	Type	Category	IEPR Status	Discount Factor	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Requested Load Amount
54747	Energy	Completed	Residential	Home Construction	Embedded	0.75	1	0.2	1	0	0	0	0	0	0	0	2.2
54734	Burnt Mountain	Completed	Industrial	Plants	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
54731	Siesta	Completed	Commercial	Health Care	Embedded	0.75	1.275	1.275	0	0	0	0	0	0	0	0	2.55
32035	Tuba	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	1.4079	2.9796	2.6293	2.1165	2.1197	2.5035	2.9979	0	16.7544
31978	Centinela	Completed	Commercial	Other	Embedded	0.75	0	1.6	0	0	0	0	0	0	0	0	1.6
28414	Fugate	Cancelled	Agriculture	Agriculture	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
28295	Atento	Ongoing	Residential	Home Construction	Embedded	0.75	0.75	0.75	0	0	0	0	0	0	0	0	1.5
28293	Money	Ongoing	Commercial	Business	Embedded	0.75	1.7	1.7	1.7	0	0	0	0	0	0	0	5.1
28279	Crabtree	Ongoing	Residential	Home Construction	Embedded	0.75	0	2.0834	3.0009	3.291	3.7651	4.6393	0.1317	0	0	0	16.9114
28279	Guitar	Ongoing	Residential	Home Construction	Embedded	0.75	0	0	1.3497	3.6695	1.5074	0.6038	0	0	0	0	7.1304
28279	Tips	Ongoing	Residential	Home Construction	Embedded	0.75	0.5434	2.0834	3.0009	3.291	3.7651	4.6393	0.1317	19.686	21.6734	21.2387	80.0529
28240	Valente	Completed	Industrial	Other	Embedded	0.75	1.1	0	0	0	0	0	0	0	0	0	1.1
28178	Consejo	Completed	Industrial	Plants	Embedded	1	2.57	1.325	1.325	0	0	0	0	0	0	0	5.22
28138	Cloer	Completed	Agriculture	Agriculture	Embedded	0.75	0.25	0	0	0	0	0	0	0	0	0	0.25
28137	Val Verde	Completed	Industrial	Plants	Embedded	0.75	0.906	0.906	0.906	0	0	0	0	0	0	0	2.718
28096	Edinburg	Ongoing	Commercial	Other	Embedded	0.75	0	6	0	0	0	0	0	0	0	0	6
27997	Jonagold	Completed	Residential	Home Construction	Embedded	0.75	1.6	0	0	0	0	0	0	0	0	0	1.6
27926	Petrol	Completed	Commercial	Other	Embedded	0.75	0.6	0	0	0	0	0	0	0	0	0	0.6
27900	Xerox	Ongoing	Residential	Home Construction	Embedded	0.75	2.24	0	0	0	0	0	0	0	0	0	2.24
27896	Xerox	Completed	Residential	Home Construction	Embedded	0.75	1	2	0	0	0	0	0	0	0	0	3
27831	Bing	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
27831	Napoleon	New	Residential	Home Construction	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
27831	Lapins	Ongoing	Residential	Home Construction	Embedded	0.75	0.3	0.3	0.3	0	0	0	0	0	0	0	0.9
18730	Great Park	Completed	Residential	Home Construction	Embedded	0.75	0.24	0	0	0	0	0	0	0	0	0	0.24
18652	Photon	Ongoing	Residential	Home Construction	Embedded	0.75	2	3.5	3	1.6087	1	1	1	0	0	0	13.1087
15733	Mentry	Ongoing	Residential	Home Construction	Embedded	0.75	0	0.1	0.155	0.3	0	0	0	0	0	0	0.555
15641	Edwin	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
15641	Pfieffer	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
15641	Reagan	New	Commercial	Other	Incremental	1	0	0	0	0	0	0	0	0	0	0	0
3212	Vengeance	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0	0	0	0	0	0	0	0	0	0.5
3209	Arlene	Ongoing	Residential	Home Construction	Embedded	1	1.223	1.472	1.28	0.6495	0.6495	0	0	0	0	0	5.274
3209	Hillfield	Ongoing	Residential	Home Construction	Embedded	1	0.611	0.736	0.64	0.3245	0.3245	0	0	0	0	0	2.636
3203	Resort	New	Industrial	Other	Incremental	0.75	0	0	0	0	0	0	0	0	0	0	0
3173	Python	Completed	Residential	Home Construction	Embedded	0.75	0.493	0.493	0.354	0	0	0	0	0	0	0	1.34
3173	Racer	Completed	Residential	Home Construction	Embedded	0.75	0.409	0.409	1.607	1.723	1.387	0.685	0.233	0	0	0	6.453
3173	Rattler	Completed	Residential	Home Construction	Embedded	0.75	0.713	0.713	0.528	0.235	0.252	0.151	0	0	0	0	2.592
3168	Wiley	Completed	Commercial	Health Care	Embedded	0.75	1.3106	0	0	0	0	0	0	0	0	0	1.3106
3160	Clarinet	Completed	Commercial	Education	Embedded	0.75	0.678	0	0	0	0	0	0	0	0	0	0.678
2980	Tiros	New	Industrial	Facilities	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
2980	Sidewinder	Ongoing	Industrial	Facilities	Embedded	0.75	0	7	0	0	0	0	0	0	0	0	7
2928	Paragon	Ongoing	Residential	Home Construction	Embedded	0.75	0.65	0.675	1.483	1.483	1.483	0	0	0	0	0	5.774
2921	Cadence	Ongoing	Residential	Home Construction	Embedded	0.75	0.5	0.5	0.5	0.5	0	0	0	0	0	0	2
2845	Calgary	Completed	Residential	Home Construction	Embedded	0.75	0.5	0.3	0	0	0	0	0	0	0	0	0.8
2830	Donner	Ongoing	Residential	Home Construction	Embedded	0.75	1	1	1	1	1	1	0	0	0	0	6
2830	Stageline	Ongoing	Residential	Home Construction	Embedded	0.75	1	1	1	1	1	1	0	0	0	0	6
2799	Lazaro	Completed	Residential	Home Construction	Embedded	0.75	0.2	0	0	0	0	0	0	0	0	0	0.2
2540	Alvarado	Ongoing	Residential	Home Construction	Embedded	0.75	0.765	0	0	0	0	0	0	0	0	0	0.765
2220	Tolar	Completed	Residential	Home Construction	Embedded	0.75	0.42	0	0	0	0	0	0	0	0	0	0.42
1476	Danish	New	Commercial	Education	Embedded	0.75	0	0	0	0	0	0	0	0	0	0	0
475	Munich	Completed	Residential	Home Construction	Embedded	0.75	0.84	0.84	0.82	0	0	0	0	0	0	0	2.5
305	Goetz	Ongoing	Residential	Home Construction	Embedded	0.75	0.8	0.8	0.8	0.2	0.2	0	0	0	0	0	2.8
305	Harnage	Ongoing	Residential	Home Construction	Embedded	0.75	0.4	0.4	0.4	0.2	0.2	0	0	0	0	0	1.6

PY23 (MVA)												Difference between PY22 & PY23 (MVA)										Average Amount Increase (No N/A): 2.277 Average Amount Decrease (No N/A): -1.061
1501.2939	972.0505	770.3194	436.551	316.7121	111.1449	48.8915	55.5003	50.1217	6.3	4268.8853		255.8793	129.2158	53.8889	-0.4933	44.4834	29.3895	5.9557	5.749	13.83	537.8983	
2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total Requested Load Amount		2023	2024	2025	2026	2027	2028	2029	2030	2031	Total Delta	Service Request Amount Increase/ Decrease Rate from PY22
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	1.4079	2.9796	2.6293	2.1165	2.1197	2.5035	2.9979	0	0	16.7544		0	0	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.75	0.5	0	0	0	0	0	0	0	0	1.25		0	0.5	0	0	0	0	0	0	0	0.5	-16.67%
0.5	0.5	0	0	0	0	0	0	0	0	1		-1.2	-1.2	0	0	0	0	0	0	0	-2.4	-80.39%
2.0834	3.0009	3.291	3.7651	4.6393	0.1317	0	0	0	0	16.9114		0	0	0	0	0	0	0	0	0	0	0.00%
0	1.3497	3.6695	1.5074	0.6038	0	0	0	0	0	7.1304		0	0	0	0	0	0	0	0	0	0	0.00%
2.0834	3.0009	3.291	3.7651	4.6393	0.1317	19.686	21.6734	21.2387	0	79.5095		0	0	0	0	0	0	0	0	0	0	-0.68%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	6	0	0	0	0	0	0	0	0	6		-6	6	0	0	0	0	0	0	0	0	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
2.24	0	0	0	0	0	0	0	0	0	2.24		2.24	0	0	0	0	0	0	0	0	2.24	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.46	0	0	0	0	0	0	0	0	0	0.46		0	0	0	0	0	0	0	0	0	0	
0.46	0	0	0	0	0	0	0	0	0	0.46		0	0	0	0	0	0	0	0	0	0	
0.3	0.3	0	0	0	0	0	0	0	0	0.6		0	0	0	0	0	0	0	0	0	0	-33.33%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
3.5	1.5	0	0	1	1	0	0	0	0	7		0	-1.5	-1.6087	-1	0	0	0	0	0	-4.1087	-46.60%
0	0.1	0.155	0.3	0	0	0	0	0	0	0.555		-0.1	-0.055	-0.145	0.3	0	0	0	0	0	0	0.00%
0.2	0.2	0	0	0	0	0	0	0	0	0.4		0	0	0	0	0	0	0	0	0	0	
1	3	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0	0	0	0	0	
0	0.5	0	0	0	0	0	0	0	0	0.5		0	0	0	0	0	0	0	0	0	0	
0.5	0	0	0	0	0	0	0	0	0	0.5		0.5	0	0	0	0	0	0	0	0	0.5	0.00%
1.472	1.28	0.6495	0.6495	0	0	0	0	0	0	4.051		0	0	0	0	0	0	0	0	0	0	-23.19%
0.736	0.64	0.3245	0.3245	0	0	0	0	0	0	2.025		0	0	0	0	0	0	0	0	0	0	-23.18%
0.5	0.3	0	0	0	0	0	0	0	0	0.8		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	2.25	0	0	0	0	0	0	0	0	2.25		0	0	0	0	0	0	0	0	0	0	
0	2.7	0	0	0	0	0	0	0	0	2.7		-7	2.7	0	0	0	0	0	0	0	-4.3	-61.43%
1.1	1.982	1.982	0	0	0	0	0	0	0	5.064		0.425	0.499	0.499	-1.483	0	0	0	0	0	-0.06	-12.30%
1	0.5	0.5	0	0	0	0	0	0	0	2		0.5	0	0	0	0	0	0	0	0	0.5	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
1	1	1	1	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0	-16.67%
1	1	1	1	1	0	0	0	0	0	5		0	0	0	0	0	0	0	0	0	0	-16.67%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0.765	0	0	0	0	0	0	0	0	0.765		0	0.765	0	0	0	0	0	0	0	0.765	0.00%
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0	0.45	0	0	0	0	0	0	0	0	0.45		0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
0.8	0.8	0.2	0.2	0	0	0	0	0	0	2		0	0	0	0	0	0	0	0	0	0	-28.57%
0.4	0.4	0.2	0.2	0	0	0	0	0	0	1.2		0	0	0	0	0	0	0	0	0	0	-25.00%

Deferred	Service Amount Deferred	Initial Service Request Date	Current Expected In-Service Date	Actual In-Service Date	Notes
N/A		2015-12-18	2022-01-01	2022-01-01	
N/A		2015-12-18	2022-01-01	2018-01-01	
N/A		2015-12-17	2022-01-01	2015-06-01	
No		2015-12-11	2024-01-01	2024-06-01	
N/A		2015-10-29	2023-01-01	2022-11-01	
N/A		2015-09-26	2022-01-01	2022-06-01	
Deferred3	0.75	2015-07-07	2023-01-01	2016-01-04	
No		2015-07-07	2023-01-01	2015-11-02	
No		2015-06-19	2023-01-01	2027-06-01	
No		2015-06-19	2024-01-01	2027-06-01	
No		2015-06-19	2023-01-01	2027-06-01	
N/A		2015-05-25	2022-01-01	2022-06-01	
N/A		2015-03-30	2022-01-01	2016-01-01	
N/A		2015-02-19	2022-01-01	2022-06-01	
N/A		2015-02-17	2022-01-01	2021-06-01	
Deferred3	6	2015-01-20	2024-01-01	2023-12-31	
N/A		2014-12-15	2022-01-01	2015-01-01	
N/A		2014-12-10	2022-01-01	2022-05-01	
Deferred3	2.24	2014-12-09	2023-01-01	2014-09-09	
N/A		2014-12-08	2022-01-01	2017-01-01	
N/A		2014-10-31	2023-01-01	2015-01-16	
N/A		2014-10-31	2023-01-01	2015-01-16	
No		2014-10-31	2023-01-01	2015-01-16	
N/A		2014-08-21	2022-01-01	2015-07-01	
No		2014-06-02	2023-01-01	2014-06-01	
Deferred3	0.555	2014-02-21	2024-01-01	2022-06-01	
N/A		2014-01-15	2023-01-01	2023-01-01	
N/A		2014-01-15	2023-01-01	2023-01-01	
N/A		2014-01-15	2024-01-01	2024-01-01	
Deferred3	0.5	2013-12-11	2023-01-01	2020-01-01	
No		2013-12-10	2023-01-01	2019-12-01	
No		2013-12-10	2023-01-01	2019-12-01	
N/A		2013-12-10	2023-01-01	2023-01-01	
N/A		2013-12-07	2022-01-01	2018-11-01	
N/A		2013-12-07	2022-01-01	2018-11-01	
N/A		2013-12-07	2022-01-01	2018-11-01	
N/A		2013-12-06	2022-01-01	2018-12-31	
N/A		2013-12-06	2022-01-01	2019-09-01	
N/A		2013-11-15	2024-01-01	2023-11-01	
Deferred3	7	2013-11-15	2024-01-01	2023-11-01	
Accelerated		2013-11-07	2023-01-01	2014-06-01	
No		2013-11-04	2023-01-01	2019-01-01	
N/A		2013-06-17	2022-01-01	2015-07-01	
No		2013-04-30	2023-01-01	2016-06-01	
No		2013-04-30	2023-01-01	2016-06-01	
N/A		2013-01-23	2022-01-01	2022-01-01	
Deferred3	0.765	2012-08-10	2024-01-01	2023-09-01	
N/A		2011-06-30	2022-01-01	2013-01-01	
N/A		2009-06-02	2024-01-01	2022-12-31	
N/A		2008-06-19	2022-01-01	2014-06-01	
No		2008-02-20	2023-01-01	2017-05-01	
No		2008-02-20	2023-01-01	2017-05-01	