BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

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Order Instituting Rulemaking to Develop an Electricity Integrated Resource Planning Framework and to Coordinate and Refine Long-Term Procurement Planning Requirements.	Rulemaking 16-02-007 (Filed February 11, 2016)

2018 INDIVIDUAL INTEGRATED RESOURCE PLAN OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E)

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BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

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I.
INTRODUCTION

Pursuant to the Rules of Practice and Procedure of the California Public Utilities Commission (the "Commission"), the *Amended Scoping Memo and Ruling of Assigned Commissioner and Administrative Law Judge* issued on May 14, 2018 ("Amended Scoping Memo"), and the direction set forth in Decision ("D.") 18-02-018 and related rulings, San Diego Gas and Electric Company ("SDG&E") submits its 2018 Individual Integrated Resource Plan ("IIRP").

The Integrated Resource Plan ("IRP") process is the statewide approach to electric resource planning established by Senate Bill ("SB") 350 intended to achieve California's greenhouse gas ("GHG") emissions reduction goals for the electric sector.[1/] Under the framework adopted in D.18-02-018, the IRP process consists of a two-year cycle: the first year of the IRP cycle will focus on high-level resource planning activities that will result in Commission adoption of a Reference System Plan ("RSP") designed to meet the GHG target at the electricity system level; the second year of each cycle will produce a Preferred System Plan that takes into account the IIRPs of each load-serving entity ("LSE") and is intended to ensure

[1/] Senate Bill 350 (Stats. 2015, Ch. 547). Codified at Public Utilities Code §§ 454.51 and 454.52. All statutory references herein are to the Public Utilities Code unless otherwise noted.

that the GHG target for the electric sector is met in a manner that preserves reliability and achieves reasonable cost.

In D.18-02-018, the Commission established requirements for the IIRPs to be filed by LSEs in 2018. SDG&E's IIRP, provided as Attachment A hereto, complies with the direction provided by the Commission. As discussed in more detail below, SDG&E's IIRP demonstrates that SDG&E is well-positioned to meet the 2030 GHG target and that no new incremental procurement is warranted at this time. SDG&E's IIRP includes all required data and analysis, including a comprehensive description of its activities related to Disadvantaged Communities (DACs) and a discussion of barriers to procurement and lessons learned from this first IRP cycle.

II.
DISCUSSION

The IRP is a critical tool for achieving the state's GHG goal for the electric sector through and beyond 2030. This initial IRP cycle will set the foundation for the IRP process, and for the Commission's broader effort to achieve GHG reduction and other critical policy goals. SDG&E itself has made significant progress in reducing GHG emissions. It has surpassed the state's Renewables Portfolio Standard ("RPS") targets – it currently serves nearly half of its load with renewable energy – and continues to pursue energy efficiency ("EE") programs, as well as transportation electrification ("TE") and energy storage ("ES") initiatives that help to integrate and optimize the use of renewable generation. At the same time, SDG&E has demonstrated a strong commitment to reliability. SDG&E has been the most reliable utility in the western region for over a decade, winning the ReliabilityOne™ Award for Outstanding Reliability Performance among utilities in the western states and Canada for 11 straight years, and has twice received the ReliabilityOne™ National Reliability Excellence Award. Indeed, SDG&E's

mission statement – to be "the cleanest, safest and most reliable energy company in America" – aligns perfectly with the goals of the IRP process.

SDG&E's development of its IIRP is guided by key statutory principals: (i) ensuring reliability;[2/] (ii) reducing GHG emissions with the best-fit resources at the lowest possible cost;[3/] and (iii) meeting the state's RPS program goals,[4/] as well as by the Commission's guidance provided in D.18-02-018 and related rulings. As discussed in greater detail in its IIRP, SDG&E does not propose to undertake any new incremental procurement above current procurement activity in this IRP cycle. SDG&E's conclusion that no new incremental procurement is warranted at this time is supported by several key considerations.

First, SDG&E currently provides a significant volume of clean, renewable energy to its customers and, thus, is well-positioned to meet a 2030 GHG target. SDG&E's IIRP identifies a need for only approximately 700 GWh of incremental renewable power in the outer years of the analysis to meet the 2030 planning target (approximately 4 percent of the total energy needed in the portfolio). This analysis assumes no further load departure for alternative providers such as Community Choice Aggregation ("CCA") or Direct Access ("DA") providers.

Second, although SDG&E's analysis and resulting finding of need assumes no load departure, this assumption is uncertain. It is difficult to predict the volume of load that SDG&E will serve over the next few years, much less by 2030. Continued growth in CCA, as well as the potential reopening of DA,[5/] could result in significant departure of load. The Commission itself has estimated that up to 85 percent of retail load may be served by LSEs other than the Investor

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[2/] *See, e.g.*, Section 399.
[3/] *See, e.g* Sections 454.51, 454.52(a)(3).
[4/] *See* Section 399.11, *et seq*.
[5/] SB 237 (Hertzberg) would require the Commission to implement a 3-year phase in of Direct Access. http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB237

Owned Utilities ("IOUs") within the next decade.[6] This would substantially reduce SDG&E's need for resources and would, in fact, likely result in SDG&E selling resources currently in its portfolio since, as noted above and discussed in SDG&E's IIRP, the relatively modest need for incremental renewable power to meet the 2030 target assumes that SDG&E does not experience *any* further load departure.

In addition, other key aspects of the IOUs' resource planning and procurement construct are presently in flux. The Commission is considering in its Resource Adequacy ("RA") rulemaking whether to move away from the existing paradigm of requiring IOUs to procure reliability resources on behalf of all customers in its service territory toward a "central buyer" approach to procurement of reliability resources,[7] and is separately considering revision of the Power Charge Indifference Adjustment ("PCIA") in order to address flaws in the current methodology that result in significant cost-shift to bundled service customers.[8] The outcome of these proceedings will directly impact SDG&E's resource planning and procurement activities. Thus, the current level of uncertainty regarding these important issues, as well as the potential for significant load departure in the near term, leads to the conclusion that now is not the time for new resource commitments beyond the mandated procurement that SDG&E is required to undertake.

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[6] CPUC Staff White Paper, *Consumer and Retail Choice, the Role of the Utility, and an Evolving Regulatory Framework*, May 2017, p. 3. Available at: http://www.cpuc.ca.gov/uploadedFiles/CPUC_Public_Website/Content/News_Room/News_and_Updates/Retail%20Choice%20White%20Paper%205%208%2017.pdf.

[7] In Rulemaking ("R.") 17-09-020, the Commission directed parties to propose a central buyer structure for multi-year local resource adequacy procurement. D.18-06-030, Ordering Paragraph 11.

[8] R.17-06-026.

Finally, as multiple parties have pointed out,[9] this initial IRP cycle is properly viewed as a "proof-of-concept" exercise rather than as a vehicle for imposing new resource procurement requirements. The Commission and stakeholders have achieved substantial progress toward the goal of developing an IRP process that is useful and informative. However, significant work remains to be done. The current process does not truly integrate the planning of all demand and supply-side resources, and critical improvements must be made to the IRP modeling before it can be used to determine the need for new resource procurement. Accordingly, this cycle should be utilized only as a "dry run" of the IRP process that generally serves to provide non-binding information and to test the development process, and not as a basis for ordering incremental procurement. While SDG&E does not propose in its IIRP to undertake new incremental procurement, it notes that its IIRP does contemplate continued compliance with existing procurement mandates. SDGE will also continue to conduct portfolio management activities intended to optimize its portfolio in order to align its supply obligations with the needs of bundled service customers.

In addition to addressing the need for incremental procurement to achieve the GHG target, SDG&E's IIRP provides data and analysis concerning the DACs located in its service territory, including a comprehensive description of its current activities in support of DAC customers, and a discussion regarding early prioritization of emissions in DACs. SDG&E also identifies barriers to procurement and lessons learned from this first IRP cycle. As discussed above, the 2017-2018 IRP cycle will yield an informative test case that can be used to detect areas of necessary improvement for subsequent IRP cycles. With this objective in mind,

[9] *See* D.18-02-018, pp. 16-21.

SDG&E seeks in this IIRP to identify challenges and concerns that must be addressed in the near-term, and to provide suggested refinements to resolve these issues.

III.
CONCLUSION

For the reasons set forth above, the Commission should approve SDG&E's IIRP and should expeditiously address the issues and concerns that are identified therein.

Respectfully submitted this 1st day of August 2018.

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Officer Verification

Verification of Emily Shults

VERIFICATION

Emily Shults declares the following:

I am an officer of San Diego Gas & Electric Company and am authorized to make this verification on its behalf. I am informed and believe that the matters stated in the foregoing **2018 INDIVIDUAL INTEGRATED RESOURCE PLAN OF SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E)** are true to my own knowledge, except as to matters which are therein stated on information and belief, and as to those matters, I believe them to be true.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on August 1, 2018 at San Diego, California.

/s/ *Emily C. Shults*

Emily C. Shults
San Diego Gas & Electric Company
Vice President – Energy Supply

ATTACHMENT A

Standard LSE Plan

SAN DIEGO GAS & ELECTRIC COMPANY (U 902 E)

2018 INTEGRATED RESOURCE PLAN

AUGUST 1, 2018

TABLE OF CONTENTS

1. Executive Summary 1
2. Study Design 3
   A. Objectives 3
   B. Methodology 4
      i. Modeling Tools 4
      ii. Modeling Approach 5
      iii. Assumptions 10
3. Study Results 10
   A. Portfolio Results 10
   B. Preferred and Conforming Portfolio 12
      i. Local Air Pollutant Minimization 15
         a. Overview of DACs 15
         b. DAC demographics 16
         c. Emissions data 23
      ii. Cost & Rate Analysis 26
      iii. Local Needs Analysis 28
4. Action Plan 29
   A. Proposed Activities 29
      i. Existing Obligations 30
      ii. Outreach for Planned or Re-Contracted Resources 31
      iii. Method for Ensuring "Early Priority" for Reducing Air Emissions in DACs 33
   B. Barrier Analysis 34
      i. Baseline Demand-Side Resource Assumptions are in Flux 34
         a. EE assumptions are uncertain 35
         b. Electric Transportation Load May be Underestimated 38
         c. BTM solar assumptions are problematic 38
      ii. Uncertainty Resulting from Market Changes 39
      iii. Risk Associated with Potential Retirement of Existing Resources 40
   C. Proposed Commission Direction 41
5. Data 42
   A. Baseline Resource Data Template 42
   B. New Resource Data Template 43
6. Lessons Learned 43

ATTACHMENTS:

Appendix A - Baseline Data Template

Appendix B - New Resource Data Template

Appendix C - Clean Net Short Calculator

Verification of Emily Shults

SAN DIEGO GAS & ELECTRIC COMPANY
2018 INDIVIDUAL INTEGRATED RESOURCE PLAN

1. EXECUTIVE SUMMARY

In accordance with the direction provided by the Commission in Decision (D.) 18-02-018 and related rulings, San Diego Gas & Electric Company (SDG&E) submits this Individual Integrated Resource Plan (IIRP). As discussed in Section 2.A below, SDG&E has elected in this IRP cycle to provide only a Conforming Portfolio. SDG&E describes herein the methodology it used to develop its IIRP, including the modeling approach and assumptions used, and details its study results, which confirm that SDG&E is well-positioned to meet its assigned 2030 greenhouse gas (GHG) target. SDG&E's Conforming Portfolio identifies a need for approximately 700 GWh of incremental renewable power in addition to the assumed increases in energy efficiency and behind-the-meter (BTM) solar, to meet the 2030 planning target (approximately 4 percent of the total energy in the portfolio). This analysis relies upon the required California Energy Commission (CEC) Integrated Energy Policy Report (IEPR) adopted load forecast, its assumed addition of incremental rooftop solar, its mid case of incremental energy efficiency (EE) investments, and, importantly, assumes no additional load departure for alternative providers such as Community Choice Aggregation (CCA) or Direct Access (DA) providers.

SDG&E's Conforming Portfolio demonstrates that SDG&E has reduced its GHG emissions in the early years of the planning period, reflecting SDG&E's current position in relation to its Renewables Portfolio Standard (RPS) targets, with approximately 45 percent of its current energy mix coming from delivering renewable resources in 2018 as compared to a RPS requirement of 29 percent, its aggressive adoption of energy storage, and no coal resources. While SDG&E's Conforming Portfolio identifies a need for additional GHG emission reduction activities to be conducted in the outer years of the planning horizon (2026 – 2030), SDG&E

submits that this need is better addressed in future IRP cycles. There currently exists substantial uncertainty regarding the volume of load that SDG&E will serve within the next decade in light of continued growth in CCA and the potential reopening of DA,[1] which could result in significant load departure. Indeed, the Commission has estimated that up to 85 percent of retail load may be served by load-serving entities (LSEs) other than the Investor Owned Utilities (IOUs) within the next decade.[2] This would substantially reduce SDG&E's need for resources and would, in fact, likely result in SDG&E selling resources currently in its portfolio since, as noted above, the relatively modest need for incremental renewable power to meet the 2030 target assumes that SDG&E does not experience load departure.

In addition, other key aspects of the IOUs' resource planning and procurement construct are currently unsettled – *e.g.*, the Commission is considering proposals to modify the Power Charge Indifference Adjustment (PCIA), as well as proposals to establish a central buyer to procure reliability resources rather than tasking the IOUs' bundled service customers with this function. The outcome on these issues will directly impact the amount and nature of SDG&E's future procurement. Thus, it makes little sense to undertake incremental procurement at this time. Moreover, as stakeholders have pointed out,[3] given the nascent state of IRP framework and process, this first IRP cycle is properly viewed as a "proof-of-concept" exercise rather than as an effort intended to result in new procurement requirements.

It is important to note that while SDG&E does not propose in its IIRP to undertake new incremental procurement, its IIRP does contemplate continued compliance with procurement

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1 SB 237 (Hertzberg) would require the Commission to implement a 3-year phase in of Direct Access. http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB237.

2 CPUC Staff White Paper, *Consumer and Retail Choice, the Role of the Utility, and an Evolving Regulatory Framework*, May 2017, p. 3. Available at: http://www.cpuc.ca.gov/uploadedFiles/CPUC_Public_Website/Content/News_Room/News_and_Updates/Retail%20Choice%20White%20Paper%205%208%2017.pdf.

3 *See* D.18-02-018, pp. 16-21.

mandates. SDGE will also continue to take action to optimize its resource portfolio; SDG&E routinely conducts portfolio management activities to align its supply obligations with the needs of its bundled service customers. These activities include the procurement and/or sale of energy and energy products pursuant to its Bundled Procurement Plan (BPP) and RPS Plan.

In addition to addressing SDG&E's position relative to the GHG target, SDG&E's IIRP provides data and analysis describing its Disadvantaged Communities (DACs), including a comprehensive description of its current activities serving DAC customers, and a discussion on early prioritization of emissions in DACs. SDG&E also identifies barriers and lessons learned from this first IRP cycle. As discussed above, the 2017-2018 IRP cycle will yield an informative test case that can be used to detect areas of necessary improvement for subsequent cycles. With that objective in mind, SDG&E seeks in this IIRP to identify challenges and concerns that must be addressed in the near-term, and to provide suggested refinements to resolve these issues.

2. STUDY DESIGN

A. Objectives

SDG&E's main objective in preparing its IIRP was to develop a plan to meet the assigned GHG mass planning target based on the assigned load. SDG&E's Conforming Portfolio is consistent with the Commission's Reference System Plan (RSP) and the direction provided in D.18-02-018 and subsequent Commission rulings. In this IRP cycle, SDG&E has elected not to provide an alternative portfolio.

SDG&E's decision to not provide an alternative portfolio is driven by several factors. First, although SDG&E has concerns with some of the long-term planning assumptions used in the RSP that might otherwise prompt development of an alternative portfolio, it recognizes that many of these will be addressed in next IRP cycle, including in modeling that is already under way. Changes in assumptions may drive changes in long-term resource decisions, but would not

change any of SDG&E's near-term actions. Thus, development of an alternative portfolio is not warranted in the instant case.

Second, as described in D.18-02-018,[4] there is general consensus among parties that this initial IRP round is properly treated as a "proof-of-concept" exercise rather than as a vehicle for imposing new resource procurement requirements. The Commission has yet to develop a process that truly integrates the planning of all demand- and supply-side resources. As discussed in greater detail in Section 4 below, refinement of the IRP process will, by necessity, be ongoing. The collaboration between the Commission's Energy Division (ED) staff and stakeholders to develop the IRP framework and analytical process has been constructive, and significant progress has been achieved, but there is still work to be done. To the extent LSEs' IIRP development in this cycle is intended to serve as a "dry run" that assists in identifying necessary process modifications, little purpose is served by SDG&E's development of an alternative portfolio.

SDG&E's IIRP also seeks to comprehensively describe its activities related to DACs. The Commission has greatly expanded the DAC showing with this new IRP process. In order to support this requirement, it is important that the Commission have a full understanding of the DACs in SDG&E's service area, including the factors that cause these areas to be considered DACs, and of the characteristics of the generation resources that are located in these areas. SDG&E's IIRP also includes a description of SDG&E's existing programs, including its transportation electrification initiatives.

B. Methodology

i. Modeling Tools

SDG&E relied on the following modeling tools to prepare its IIRP:

[4] D.18-02-018, pp. 16-21.

- GHG Clean Net Short (CNS) calculator version 1.4.5.[5] This tool was used to determine the GHG mass quantity from SDG&E's portfolio and determine what additional actions may be needed during the planning period to meet the 2030 GHG planning target. SDG&E also used this calculator to determine the air emissions, NOx and PM 2.5, requested by the Commission.

- A production costing software was used to determine total generation portfolio costs included in the rate analysis. SDG&E used ABB's Planning and Risk Model, version 6.1. This tool differs from RESOLVE in several ways. First, this tool is not a capacity expansion model, but instead allows for hourly cost-based dispatch. The model was used to solely to obtain SDG&E-specific cost data for the Conforming Portfolio. Second, the model dispatched SDG&E's Conforming Portfolio for all years and all days of the planning period, as compared to RESOLVE which only modeled four years and used a limited number of typical days.

ii. Modeling Approach

To develop its Conforming Portfolio, SDG&E applied a modeling approach similar, but not identical, to that used by the ED staff to develop the RSP. SDG&E used the required CEC adopted 2017 IEPR load forecast for SDG&E's service territory, minus load that has departed bundled service to be served by DA or CCA providers. This load includes fixed assumptions regarding the level of BTM solar photovoltaic (BTM PV), EE, electric vehicles (EV), energy storage, Demand Response (DR) and building electrification. SDG&E also used its existing resource commitments that were in service as of the end of 2017 and any resources that were submitted for Commission approval by January 1, 2018.[6] SDG&E's treatment of contract expirations in its modeling differed from the approach taken by ED. While ED assumed that all existing resources continued to operate for the planning period regardless of contract terms, SDG&E removed any existing resources from its portfolio based on contract expirations.[7] SDG&E's modeling allows for the possibility that re-contracting with existing resources may not

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[5] The CNS calculator was developed by the Commission and adopted in the May 25, 2018 *Administrative Law Judge's Ruling Finalizing Greenhouse Gas Emissions Accounting Methods, Load Forecasts, and Greenhouse Gas Benchmarks for Individual Integrated Resource Plan Filings*.

[6] SDG&E included as existing resource commitments those resources recently approved by the Commission in D.18-05-024.

[7] The ED modeling did not make any resource reductions based on contract terms and assume all existing resources remain for the entire planning period.

be the best option to meet its future needs. However, SDG&E ultimately selected these existing resources to add back to its portfolio in order to achieve its GHG target. Although actual resource selection will occur during solicitations where existing resources may not win, SDG&E's approach of prioritizing the use of existing resources to meet need is intended to reduce the risk of overestimating the need for new construction during the ED's plan aggregation process. If SDG&E had instead planned for new facilities to meet its need, this new capacity plus the existing capacity that ED assumed would still be operating would combine to potentially exceed the GHG target.

Based on this information, SDG&E determined the portfolio's GHG mass production in each of the modeled years using the CNS calculator. The CNS result was compared to an allocated share of the total GHG mass target used in the RESOLVE model for each of the modeled years. This was done by multiplying the total GHG mass constraint used in the RESOLVE model by 7 percent.[8] Although D.18-02-018 set only a 2030 target, evaluation of all of the years modeled in the CNS calculator shows SDG&E's current and future position as compared to the modeled glide path to meet the 2030 target, and provides useful information regarding short and intermediate term needs.

After determining the portfolio's GHG mass production based on existing and committed resources using the CNS calculator, SDG&E determined the incremental non-GHG emitting energy needed to achieve the SDG&E-specific GHG benchmark. The CNS calculator was also used to assess the potential technologies or combination of technologies that might be most effective in reducing the portfolio's GHG. This was done by adding to the portfolio the same amount of energy from different technologies and determining the amount of GHG reduction obtained.

[8] This percentage is the same as that used to develop the SDG&E-specific 2030 mass target.

The CNS calculator uses a few assumptions in its formulas that required SDG&E to adjust its inputs to ensure that the resulting energy volumes matched its portfolio. For example, SDG&E adjusted the capacity value entered for any resource where the model assumes a 100 percent capacity factor (*e.g.*, owned or contracted non-dispatchable GHG-emitting resources, biomass and small hydro) in order to match the expected energy from those resources in SDG&E's portfolio. As an example, if SDG&E had a 100 MW non-dispatchable GHG-emitting contract that delivered at a 50 percent capacity factor, SDG&E entered 50 MW so that the CNS calculator included the correct amount of expected energy and associated GHG emissions.[9] SDG&E also adjusted the capacity value entered into the model for energy storage to account for the fact that the model assumes the full capacity is available for 4 hours. As an example, if SDG&E had a 10 MW battery that had a total storage capability of 20 MWh of energy, SDG&E entered it as 5 MW, so the model matched the 20 MWh storage capability of this battery (5 MWh multiplied by 4 hours).

In addition to these minor adjustments, SDG&E has some concerns regarding the CNS calculator's default assumptions regarding renewable energy supplies. The first relates to the default assumption concerning BTM solar. The CNS calculator allocates a prorated share of the state's total BTM solar forecast, based on retail sales. However, BTM solar has been adopted in SDG&E's service area at rate greater than the state average. Also, BTM solar has been adopted at a greater rate by residential customers than commercial/industrial customers that may currently be served by DA providers. Since SDG&E's bundled customer mix is weighted towards residential customers once DA load is excluded, it is likely the CNS calculator is under-estimating BTM solar supply for SDG&E's bundled customers. SDG&E also notes that the

[9] SDG&E recognizes that this may result in a different hourly delivery pattern in the CNS calculator than what will be delivered to the grid, however to not make this adjustment would have overstated the total amount of must-take energy and likely overstate the GHG from the resource.

default production profiles for the supply side renewables resulted in more renewable energy for the existing portfolio than SDG&E expects based on historical deliveries. Thus, the CNS calculator may be overestimating the ability of the existing portfolio to meet the GHG target.

The implications of these observations do not change SDG&E's near-term procurement recommendations, and adjustments can be made to the procurement strategy over time to meet a 2030 GHG target. As a practical matter, the mix of resources between BTM solar and supply side renewables will likely change. To the extent the CNS calculator has overestimated the total volume of renewable energy, the amount of incremental renewable power SDG&E will need may exceed the amounts identified in this planning cycle. However, this potential overestimation of renewable deliveries in the CNS calculator does not significantly alter SDG&E's need for additional resources in this round of the IRP.

In determining what resources to add to the portfolio in the outer years, SDG&E assessed to what extent the resources associated with the expiring contracts might be able to meet the identified needs, as compared to acquiring additional new build resources. SDG&E performed this analysis because the RSP assumes that all resources with expiring contracts would continue to remain available. To assume that all of SDG&E's short position would require new build would likely overstate the need for new resources. Although SDG&E's Conforming Portfolio, as presented below, includes an example of the possible mix of renewable technologies that meets the GHG target by 2030, this mix should be viewed as illustrative only. The final mix will be determined through the Request for Offers (RFO) process and will depend on the resources offered and the cost of offers received.[10]

[10] It should be noted that D.18-02-018 (at pp. 89-90) specifically points out that RESOLVE, in some cases, chose technology-specific resources, but that in portfolio terms, the resources are likely to be procured in groups as shown in Table 4, which aggregated all supply-side renewable together and did not call out specific technologies.

To test different technologies, SDG&E added a fixed amount of energy from each technology type to the portfolio and determined the GHG reduction. The results are shown in Table 2-1 below.

Table 2-1

GHG Reduction by Technology Type

Technology	**Renewable Energy Added (GWh)**	**Capacity (MW)**	**2030 GHG Reduction (MMtCO2/yr)**
Wind	438	169	0.14
Base loaded renewable	438	50	0.12
Solar PV	438	143	0.06
Solar PV with battery	438	143 (solar) + 100 (batteries)	0.08

This analysis demonstrates that wind and base loaded renewables were substantially more effective than solar or solar with a battery in reducing GHG emissions when added to SDG&E's existing portfolio.[11] Although final resource selection will consider other factors, including contract cost (which would include costs for possible upgrade/refurbishment of existing resources with expiring contracts), system and local capacity value, and avoided market energy costs, resources with expiring contracts such as those mentioned above appear to be reasonable "proxy" resources for this IRP.

The only "new" resource SDG&E added was energy storage related to compliance with Assembly Bill (AB) 2868.[12] SDG&E has filed an application requesting Commission approval of 100 MW of additional energy storage.[13] Although these resources are targeted to address

[11] It is important to note that these results are specific to SDG&E's existing portfolio and should not be interpreted to mean that these will be the most effective when added to other LSE's portfolios.

[12] AB 2868 authorizes SDG&E to propose programs and investments of up to 166 MW of distributed energy storage resources.

[13] Application (A.) 18-02-016.

specific distribution level issues, these will be available for wholesale market activities during most hours of the year.

iii. Assumptions

At a high level, SDG&E's IIRP assumes that: (i) SDG&E's existing contractual commitments are fulfilled through each contract tenor until the contract expiration date; (ii) SDG&E will reach its allocation of the electric sector's GHG target using the benchmarking method; and (iii) SDG&E will serve the assigned load forecast including EE and BTM solar.

The key assumptions used to develop SDG&E's IIRP include:

- Load Forecast: Mid baseline bundled load forecast from the CEC adopted 2017 IEPR forecast, adjusted for the formation of Solana Energy Alliance (SEA) in SDG&E's service area.
- BTM rooftop solar growth is based on the CEC adopted 2017 IEPR forecast.
- Mid Additional Available EE forecast from the CEC 2017 IEPR.
- CEC 2017 IEPR mid-case gas price forecast is used to perform a production model analysis to determine the total cost of the portfolio and provide data for the required rate analysis to the Commission.
- Carbon allowance price projections from CEC 2017 IEPR is used for the rate analysis.
- ED staff RESOLVE model assumptions are used for the cost of new energy storage resources.
- Discount rate required by the IRP Filing Requirements Reference Guide dated July 26, 2018, Question 8.
- GHG mass planning target for 2030 is from the ALJ ruling dated June 18, 2018.
- The Net Qualifying Capacity (NQC) of resources is based on the California Independent System Operator's (CAISO's) 3/15/18 NQC list.
- Any resources currently in SDG&E's portfolio with expiring contracts during the planning period remain in service and are available for re-contracting.

3. STUDY RESULTS

A. Portfolio Results

The GHG mass emissions associated with SDG&E's Conforming Portfolio from the CNS calculator, as compared to its share of the GHG mass planning benchmark in RESOLVE is shown in Table 3-1 below. This shows that SDG&E's Conforming Portfolio meets the 2030 GHG emissions benchmark, and is below the benchmark throughout the planning period.

Table 3-1

Conforming Portfolio Emissions Relative to Benchmark

Study Year	2018	2022	2026	2030
GHG Benchmark	4.03	3.67	3.31	2.96
Portfolio Result	3.42	3.39	3.30	2.96

SDG&E's Conforming Portfolio meets the GHG benchmark and serves load with diverse and balanced portfolio as reflected in Table 3-2 below.[14]

Table 3-2

Conforming Portfolio Total Capacity by Resource Type in 2030

Resource Type	Total Installed (MW)	Percent of Total Installed (%)
Natural Gas	3,311	37
Renewables – Supply side	2,870	33
Renewable – Behind the Meter[15]	1,578	18
Incremental Energy Efficiency	780	9
Energy Storage	290	3
Demand Response	31	0
CHP	1	0

The resources listed in Table 3-3 were added to SDG&E's existing portfolio to reach the GHG benchmark.

Table 3-3

New (Incremental to 2017) Capacity Resources in 2030

Resource Type	Total Installed (MW)	Percent of Total Installed (%)
Renewable – Behind the Meter	885	44
Incremental Energy Efficiency	780	39
Renewables – Supply side	195	10
Energy Storage	144	7

[14] These values are based on installed capacity. Thus, values for some renewables will greatly exceed the NQC values used to determine dependable capacity. Also, the values only include bundled customers' share of any resource that is paid for by all customers.

[15] Includes both existing and incremental BTM Solar.

As can be seen, SDG&E's Conforming Portfolio (*i.e.*, with incremental resources added in the outer years) is below or at the GHG target in all years. Given SDG&E's current RPS position, with around 45 percent of its energy mix coming from delivering renewables in 2018 and no coal resources, SDG&E's portfolio has reduced GHG emissions in the early years of the planning period. This fact, in combination with SDG&E's energy storage progress, leads to the conclusion that no incremental near-term procurement, beyond SDG&E's current activities, is needed. While SDG&E's Conforming Portfolio identifies a need for additional GHG emission reduction activities to be conducted in the outer years of the planning horizon (2026 – 2030), SDG&E submits that conducting any procurement to meet this need is better addressed in subsequent IRP cycles.

In addition to meeting the 2030 GHG target, SDG&E's Conforming Portfolio closely matches its supply to its load, as demonstrated by the limited amount of "oversupply" calculated by the CNS calculator.[16] The calculator showed only 116 GWh in 2018, growing to 449 GWh in 2030 – this is less than 1 percent in 2018 and only about 2 percent in 2030 of the total energy needed in the portfolio. This demonstrates that SDG&E is providing energy to the system consistent with its customers' demand.

B. Preferred and Conforming Portfolio

Since SDG&E elected to provide only the required Conforming Portfolio, it supports approval of this portfolio for planning purposes. As noted elsewhere in this IIRP, while SDG&E has concerns with some of the longer-term assumptions used to develop the Conforming Portfolio, it demonstrates that SDG&E's overall portfolio is in a good position to meet a longer-

[16] The "oversupply" value is the amount of must-take energy that exceeds load based on the hourly load shapes.

term GHG reduction goal. Thus, no new incremental procurement is required at this time. SDG&E will continue to carry out existing procurement obligations in the near-term.

The RSP was designed by the Commission to meet all statutory and Commission requirements. Thus, by relying on the RSP to develop its IIRP, SDG&E has ensured that its IIRP is similarly compliant. Ordering Paragraph 10 of D.18-02-018 spells out the requirements for a conforming IIRP. IIRPs must, among other requirements, comply with Sections 454.51 and 454.52, including but not limited to requirements associated with EE, demand response, RPS, energy storage and RA. The manner in which SDG&E's IIRP meets these requirements is summarized below.

Table 3-4

Evidence of Compliance

Requirement	Evidence of Compliance
§ 454.51 Identifying a diverse and balanced portfolio	SDG&E relies on the RSP, which is designed to reflect a diverse and balanced portfolio. The supply diversity of SDG&E's Conforming Portfolio is shown in Tables 3-2 and 3-3 above.
§ 454.52(a)(1)(A) Elec sector / LSE GHG targets	Emissions associated with SDG&E's Conforming Portfolio, based on the CNS methodology, are below the 2.959 MMT[17] Emissions Benchmark established for SDG&E (see Section 3.A Portfolio Results). These benchmarks reflect the CPUC's efforts to develop individual targets that will result in meeting the electric sector's contribution to reducing GHG emissions below 40 percent from 1990 levels by 2030.
§ 454.52(a)(1)(B) RPS targets	SDG&E is fully compliant with RPS and long-term contracting requirements. SDG&E continues to procure to meet resource-specific renewable procurement mandates, as required, but does not expect to procure additional resources for RPS compliance purposes until after 2030.
§ 454.52(a)(1)(C) Just and Reasonable Rates 454.52(a)(1)(D) Minimizing impacts on ratepayer bills	A forecast of the resulting system average rate based on the required cost assumptions is shown in Section 3.B.ii. Given that SDG&E's portfolio is based on the Commission adopted RSP, this plan minimizes cost for the GHG planning target.

[17] *Administrative Law Judge's Ruling Finalizing Load Forecasts and Greenhouse Gas Benchmarks for Individual Integrated Resource Plan Filings*, dated June 18, 2018, p. 5.

§ 454.52(a)(1)(E) Ensuring system and local reliability	SDG&E's portfolio was developed in compliance with the CPUC's current Resource Adequacy framework to address both system and local needs. A description of the plan to meet local needs included in Section 3.B.iv.
§ 454.52(a)(1)(F) Strengthening the diversity, sustainability, and resilience of the bulk transmission and distribution systems, and local communities	This requirement is met through reliance on the RSP and coordination among agencies and proceedings. For example, at the transmission level, the CAISO's 2017-18 planning assumptions considered the results of the Commission's IRP and Long-Term Procurement Plan (LTPP) proceedings and long-term forecasts of energy demand produced by the CEC in its IEPR. At the distribution level, coordination between the IRP, Distribution Resources Plan (DRP) and Integrated Distributed Energy Resource (IDER) proceedings allows the IRP to include the most up-to-date information regarding any potential value of deferring distribution upgrades with preferred resources. This coordinated effort to share information improves the diversity, sustainability and resilience of the grid, which benefits local communities.
§ 454.52(a)(1)(G) Enhance distribution systems and demand-side energy management	SDG&E's Conforming Portfolio incorporates the demand-side assumptions build into the CPUC's RSP (see Section 3.A Portfolio Results). These assumptions reflect the adopted forecasts of demand-side resources.
§ 454.52(a)(1)(H) Minimizing air pollutants with early priority on disadvantaged communities	SDG&E's Conforming Portfolio relies on the adopted RSP and thus incorporates its impacts on disadvantaged communities. SDG&E's portfolio assumes a continued focus on programs that minimize air pollutants in disadvantaged communities, as described in Section 3.B.i.
OP10 Energy Efficiency	The volume of EE in SDG&E's Conforming Portfolio is based on the 2017 IEPR Mid Forecast, as required. The EE estimates used in the IEPR forecast are developed from the CPUC's 2018 Potential and Goals Study,[18] which reflects the Commissions compliance direction for EE.
OP10 Demand Response	SDG&E's Conforming Portfolio includes existing demand response programs, as reflected in the baseline assumptions used in the RSP. These assumptions generally reflect SDG&E's current Demand Response obligations based on the most recent decision approving its Demand Response portfolio, which did not call for significant shifts from status quo at this time.[19]
OP10 Energy Storage	SDG&E's Conforming Portfolio relies on the energy storage assumptions included in the RSP, which reflects the full AB 2514 energy storage mandate of 1,325 MW by 2024. SDG&E's portion of this mandate is 165 MW. SDG&E's Conforming Portfolio also includes the energy storage that SDG&E anticipates adding in response to AB 2868.

[18] 2017 IEPR, p. 176.
[19] D.17-12-003.

OP 10 Resource Adequacy	SDG&E's portfolio was developed in compliance with the CPUC's current Resource Adequacy (RA) framework to address both system and local needs.

i. Local Air Pollutant Minimization

a. <u>Overview of DACs</u>

SDG&E is committed to serving the needs of its DAC customers. Nearly half of SDG&E's DAC customers receive bill assistance through the California Alternate Rates for Energy (CARE) program and SDG&E offers no-cost energy efficiency measures to income eligible customers through its Energy Savings Assistance Program. Almost all of SGD&E's existing or proposed electric vehicle programs target DACs in some way, and SDG&E is proposing significant clean energy improvements for the Port of San Diego,[20] which is located near SDG&E's most concentrated DAC area. Effectively serving DACs requires an understanding of the characteristics of the relevant communities and analysis of the factors that quality them as DACs. Some of the CalEnviroScreen factors that are critical for SDG&E's DACs are tied to diesel particulates, traffic, housing burden, linguistic isolation, poverty, asthma and education level. Since SDG&E has very few conventional generation resources located in DACs, as described further below, it will be critical for SDG&E to focus not only on reducing power plant emissions, but also on understanding the pollution impacts from other sectors as it considers how best to serve its DAC customers.

Understanding the specific needs of its DACs allows SDG&E to tailor programs to meet those needs. Based on the characteristics described above, SDG&E's existing programs that target economic hardship, such as CARE and Energy Savings Assistance (ESA), will continue to be a key component of efforts to address DAC customers' needs. Electrifying the transportation

[20] *See* A.17-09-005.

sector will also likely play a critical role in addressing air pollution concerns in these communities.

b. DAC demographics

As defined in D.18-12-018, DACs are "those that score at or above the 75th percentile in the CalEPA's CalEnviroScreen 3.0 on a statewide basis [plus]... the 22 census tracts that score in the highest five percent of CalEnviroScreen's pollution burden."[21] Application of these criteria to SDG&E's service territory yields 38 DAC census tracts. SDG&E serves approximately 64,000 customers in these census tracts which are largely located in South San Diego (Chula Vista, National City and San Ysidro) along with El Cajon in the East. This makes up about 5 percent of SDG&E's total customers. Table 3-5 below presents additional demographic details for SDG&E's DACs compared with SDG&E's overall distribution service territory.

Table 3-5

DAC Demographics[22]

General Demographics	DACs	SDG&E Territory[23]
Male	53%	50%
Female	47%	50%
Median Age	29	37
CARE Customer Breakdown Total	**DACs**	**SDG&E Territory**
Total Customers	64,060	1,366,878
Total CARE Customers	26,174	241,822
CARE participation rate	41%	18%
Customer Type %	**DACs**	**SDG&E Territory**
Industrial	0.1%	0%
Commercial	17%	11%
Residential	83%	89%
Rate Type Breakdown %	**DACs**	**SDG&E Territory**
TOU Rate	22%	19%
Res TOU	6%	8%
Net Energy Metering (NEM) Customer	4%	10%
DA Customers	0.5%	0.4%

[21] D.18-12-018, p. 66.

[22] Demographics reflect census tract level data. Note that some customers in each census tract may be served by DA providers.

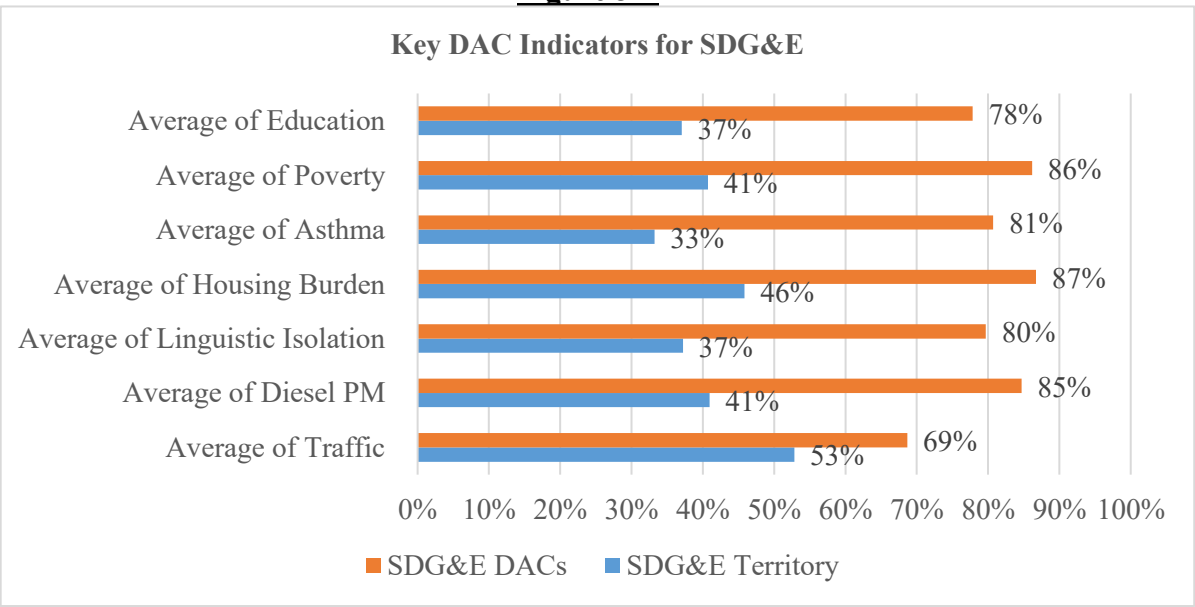
[23] SDG&E Territory data does not include DAC census tract data.

Understanding what factors contribute to each of SDG&E's DACs is critical to designing the best approach to serving these communities. CalEnviroScreen's designating factors are divided into two categories: pollution factors and population factors.

Pollution Factors	**Population Factors**
Ozone	Asthma
PM 2.5	Low birth weight
Diesel PM	Cardiovascular disease
Drinking water	Education
Pesticide	Linguistic isolation
Toxic release	Poverty
Cleanup sites	Unemployment
Groundwater threats	Housing burden
Hazardous waste	
Imp. Water bodies	
Solid waste	

The key indicators for SDG&E's DACs are shown in Figure 3-1 below. These indicators show that SDG&E DACs are burdened to a larger degree than the rest of its service territory with issues involving education, poverty, asthma, housing, linguistic isolation, diesel Particulate Matter (PM) and vehicle traffic.

Figure 3-1[24]



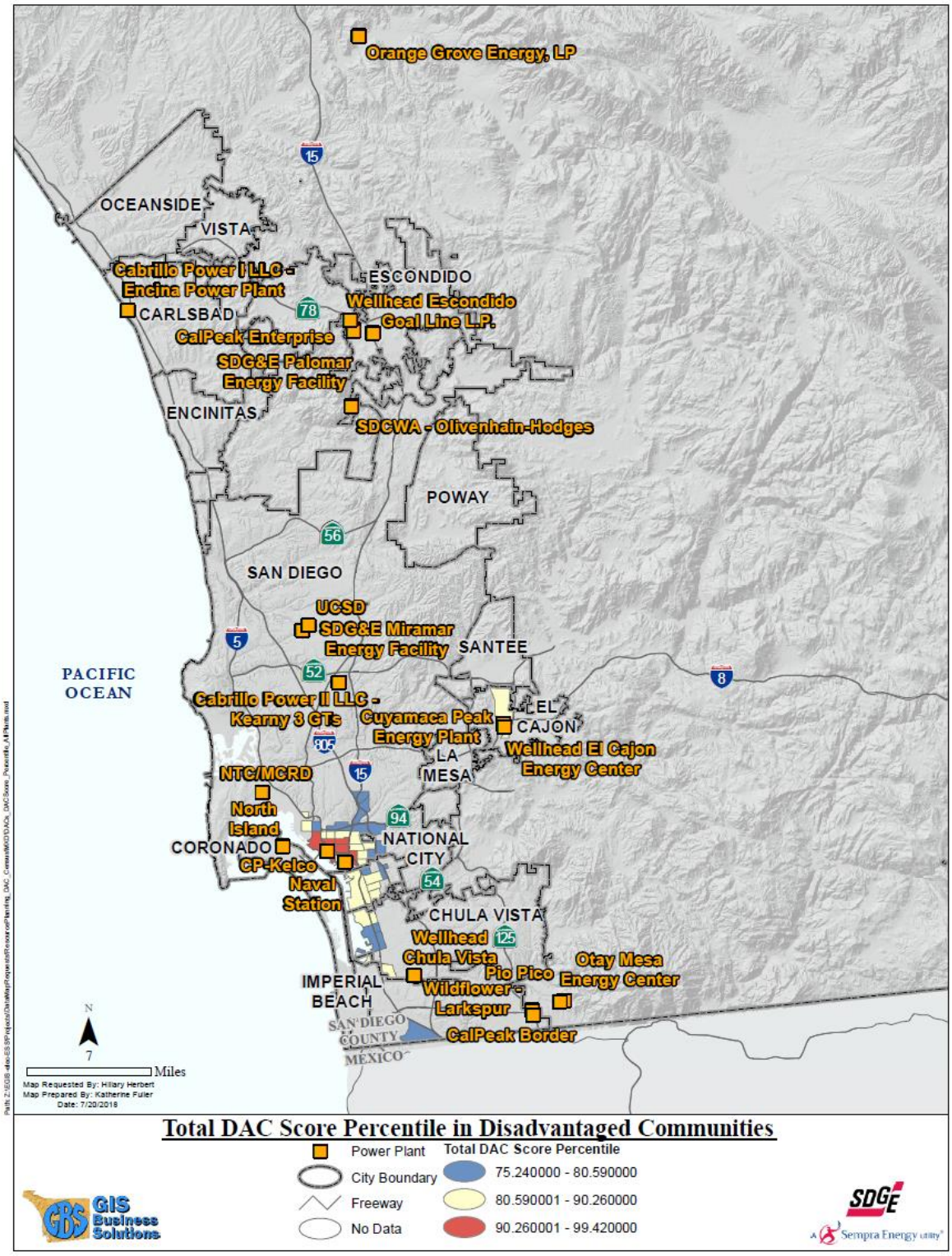
[24] Source: CalEnviroScreen 3.0. aggregate average percentile score by census tract.

The map below provides a view of SDG&E's DACs relative to power plant location,[25] along with CalEnviroScreen rankings. There is no clear correlation between high CalEnviroScreen scores and power plant locations. On the other hand, most of the highest scoring DACs are located near major transportation corridors. This highlights the need to continue efforts to maintain a clean power production fleet, but also to focus on the transportation sector as a major contributor to pollution in DACs. In addition, it is clear that SDG&E's DACs are also burdened by population factors, like linguistic isolation and poverty. Understanding these factors helps SDG&E focus its efforts towards programs like CARE and ESA to make sure that these needs continue to be met.

[25] The map includes all power plants greater than 20 MW that are physically located in the service area, including power plants that are not under contract to SDG&E. Note that the SDCWA – Olivenhain-Hodges power plant is a pumped storage hydroelectric facility that produces no air emissions at the plant location.

Figure 3-2

SDG&E's DAC Percentile Scores Relative to Power Plant Location



c. Current programs serving DACs

SDG&E has a number of currently-existing and planned DAC-related initiatives, which are summarized in Table 3-6 below. Many of these measures address some of the top DAC indicators for these communities, for example by providing economic assistance with energy bills or low-cost opportunities to participate in green programs like energy efficiency and solar. In particular, SDG&E's extensive set of EV programs provide a critical opportunity to reduce air pollution. Transportation electrification programs provide significant GHG benefits for San Diego DAC customers since transportation makes up 41 percent of the GHG emissions in California,[26] approximately 50 percent of the GHG emissions in San Diego County,[27] and 55 percent of the GHG emissions in the City of San Diego.[28] The California Air Resource Board's (CARB's) recently-released GHG Emission Inventory highlights the importance of focusing on transportation-related initiatives. While electric sector emissions have declined by approximately 35 percent since 2000, the transportation sector has declined by only 5 percent in the same time period.[29] SDG&E intends to continue its focus on these programs, while exploring ways to further serve its DAC customers.

Table 3-6

Existing/Pending Programs Serving DACs

Initiatives	Description
Rates	
California Alternate Rates for Energy (CARE)	Bill discount for income eligible customers
Family Electric Rate Assistance (FERA)	Bill discount for income eligible customers
Energy Efficiency	

[26] https://www.arb.ca.gov/cc/inventory/data/data.htm.
[27] http://www.sdforward.com/pdfs/EIR_final/Appendix%20G%20Greenhouse %20Gas%20Emissions.pdf.
[28] https://www.sandiego.gov/sites/default/files/final_july_2016_cap.pdf.
[29] https://www.arb.ca.gov/cc/inventory/pubs/reports/2000_2016/ghg_inventory_trends_00-16.pdf.

Energy Savings Assistance (ESA)	No-cost energy efficiency measures for eligible homes
Procurement	
Green Tariff Shared Renewables (GTSR) Environmental Justice (EJ) Carve-out	SDG&E's GTSR (community solar) program includes a carve-out of 10 megawatts (MW) to be procured from projects sized between 0.5 and 1 MW located within the 20 percent most impacted areas identified by CalEnviroScreen 2.0
2018 Pilot	
CARE Programmable Communicating Thermostat (PCT)	Targeted at high usage CARE customers to test if PCTs assist them on a time-of-use (TOU) rate
Expanded CARE Energy Storage (ES) Program	Provides a $1.20/watt incentive (up to $75,000) to cover the full cost of ES for Expanded CARE Non-Profits
2018 Studies	
Load Disaggregation	A vendor will be selected to produce end use load profiles for the purposes of identifying customers who may benefit from offerings such as ESA, demand response, and TOU rates
Low-Income Needs Assessment	Will examine the energy burden and needs of low-income customers and ways that CARE and ESA can assist them
Energy Efficiency Potential	Will evaluate the potential for the low-income sector
Electric Vehicles[30]	
Power Your Drive	• EV grid-integrated charging infrastructure program that is installing 3,000 level 2 chargers at 300 apartments, condos and businesses • DAC target: 10 percent[31] (Current program has 35 percent DAC implementation)
Port Electrification	• Install 30-40 pieces of equipment to support medium/heavy-duty EVs and electric forklifts at the Port of San Diego • DAC target: Majority in DACs. (Current program has 100 percent DAC implementation)
Electrify Local Highways	• Install 80 level 2 and eight Direct Current Fast Charger charging stations at four Caltrans Park-and-Ride lots located along highways for public use • DAC target: Locations in and/or adjacent to DACs
Dealership Incentives	• Offer educational materials, training and financial incentives for dealerships that sell EVs in exchange for customers agreeing to participate in one of SDG&E's EV rates • DAC target: Emphasize sales in DACs and focus on dealerships in DACs
Fleet Delivery	• Install charging stations for about 90 fleet delivery vehicles at multiple locations

[30] Current program unless otherwise noted.

[31] DACs associated with EV programs are defined consistent with D.16-01-045 and SDG&E Advice Letter 2876-E.

	• DAC target: Current estimate is that about 70 percent of deployments will be in DACs
Green Shuttle	• Install charging stations at five locations frequented by shuttles on a fixed route
Airport Ground Support Equipment	• Phase 1: Retrofit existing chargers, collect data and develop a load management plan; Phase 2: Install up to 45 charging ports to support about 90 new pieces of electric ground support equipment at San Diego International Airport
Medium Duty/Heavy Duty and V2G Electric School Bus Pilot (proposed)	• Install EV charging infrastructure to support approximately 3,100 Class 2-8 EVs, forklifts and transport refrigeration units. V2G Electric School Bus Pilot will utilize ten electric school buses capable of V2G as a distributed energy resources to bid into the CAISO markets • DAC target: 40 percent installations to support DACs

AB 1082 and AB 1083 (July 2018)	• Future pilot proposals to pilot EV charging infrastructure in schools, educational institutions and State/City/County parks and beaches
	• DAC target:
	  o AB 1082: 25 percent
	  o AB 1083: Expansion of AB 1083 to City and County parks will enable larger opportunity for DAC incorporation

Future Program	
Solar on Multifamily Affordable Housing (SOMAH)	To encourage the development and installation of solar systems in California's DACs, currently in process at the Commission and expected to close with the adoption of a new Order Instituting Rulemaking (OIR) on evaluation of existing NEM tariffs and programs, and the development and adoption of successor tariffs by January 1, 2019.
DAC Single Family Solar Homes (DAC-SASH)	The DAC-SASH program will be available to low-income customers who are resident-owners of single-family homes in DACs. Unlike traditional SASH, eligibility for DAC-SASH is not limited to designated affordable housing units, and so will be available to a broader group of homeowners than the current SASH program.[32]
DAC-Green Tariff	Modeled after the Green Tariff portion of the Green Tariff/Shared Renewables Programs, the DAC-Green Tariff program (DAC-GT) was approved by the CPUC on June 21, 2018. DAC-GT will be available to customers who live in DACs and meet the income eligibility requirements for CARE and FERA. DAC-GT will provide a 20 percent rate discount compared to their otherwise applicable tariff. This will allow customers who are not in a position to take advantage of SOMAH or DAC-SASH (described below) to choose clean energy options without the need to own their home and without

[32] The Singe-Family Affordable Solar Homes (SASH) program is administered by the Center for Sustainable Energy for SDG&E's service territory.

	the cost of installing their own distributed renewable energy generation systems.
Community Solar Green Tariff	The Community Solar Green Tariff (CSGT) program is another variation on the Green Tariff/Shared Renewables Program and is structured similarly to DAC-GT. The Community Solar Green Tariff program will allow primarily low-income customers in disadvantaged communities to benefit from the development of solar generation projects located in their own or nearby disadvantaged communities. The program provides these customers opportunities to gain a sense of ownership of locally-generated solar power, via the required efforts of a local sponsor.
Demand Response Pilot	A pilot program targeting DACs is currently under development in the Demand Response proceeding.

In addition to the existing and proposed programs listed above that serve DACs, SDG&E has also successfully contracted with or built multiple renewable energy facilities located in DACs. For example, although SDG&E does not have any retail customers in Imperial County, renewable facilities made more economic by SDG&E's Sunrise Powerlink provide a helpful economic boost to the region, which has historically suffered from significant unemployment and high poverty levels. In addition, one of SDG&E's first energy storage facilities was built in El Cajon, a DAC within SDG&E's service area.

c. <u>Emissions data</u>

D.18-02-018 directs LSE's to include in their IIRPs "at a minimum: annual emissions of GHGs, annual emissions of local air pollutants (nitrogen oxides and particulate matter, at a minimum), and number of annual starts. Emissions reporting shall also include emissions due to cycling, in addition to emissions from normal operation."[33] The Commission further notes in the decision that to "the extent possible, we will endeavor to request local air pollutant reporting that is similar to or parallel to the methodology used for reporting GHG emissions associated with LSE load and portfolios, since both GHG and local air pollutant emissions are associated with

[33] D.18-02-018, p. 68.

the same physical act of burning fuel in power plants."[34] To achieve this objective, SDG&E applied a similar methodology as the one used to calculate GHG emissions to calculate NOx and PM 2.5 emissions. The ED Staff provided CNS calculator assigned GHG emissions to each LSE based on how the LSE's IIRP relies on GHG emitting resources on the CAISO system. Optimally, NOx and PM 2.5 tables, that include both steady state and start-up emissions, consistent with the GHG table from the RESOLVE model run, would have been provided. This would have provided a direct tie between GHG and other emissions based on the plan's hourly reliance on emitting resources. However, such tables were not developed for this cycle.

Since standard tables were not developed, SDG&E is using the NOx and PM 2.5 emission table developed by Southern California Edison Company (SCE). A detailed explanation of how these were developed are described in SCE's IIRP. In high level terms, SCE developed these values using the results of an hourly production cost modeling based on the RSP portfolio. These data were then aggregated to generate tables that SDG&E added to the CNS calculator, which then produced NOx and PM 2.5 emission estimates.

The CNS calculator results for NOx and PM 2.5 are shown below in Table 3-7.

Table 3-7

Conforming Portfolio NOx and PM 2.5 Emissions

Emission	2018	2022	2026	2030
NOx (1000 lb/yr)	799	953	955	930
PM 2.5 (1000 lb/yr)	409	389	405	374

Other than the increase in NO_X from 2018 to 2022, both NO_X and PM 2.5 emissions remained relatively flat over the planning period. The increase from 2018 to 2022 is likely

[34] *Id.*, p. 69.

driven by the increase in NO_X emissions associated with CAISO purchases since SDG&E's portfolio remains relatively constant in those years.

D.18-02-018 also requested "separate accounting for resources located in disadvantaged communities."[35] Because the Conforming Portfolio relies on generic assumptions provided in the RSP, rather than plant-specific data, SDG&E is unable to extract DAC-located resource-specific data for plant operations associated with its Conforming Plan. However, to help inform the Commission as to the operation of plants located in DACs in SDG&E's service area, SDG&E provided a list of the plants in Table 3-8. It is important to note that emissions from these plants is associated with all operation of these plants and cannot be specifically tied to SDG&E's Conforming Plan, or to the energy needs of the DACs in which they are located. These units are dispatched by the CAISO and thus are operated to meet all loads and not just the load served by SDG&E, or the load in the DAC.

It is also important to note that for SDG&E's service area, the number of natural gas plants located in DACs is relatively small. These plants fall into two categories: Combined heat and power (CHP) facilities and natural gas peaker plants needed for local reliability. The two CHP facilities are now under contract, and were signed to meet SDG&E's obligations under the CHP settlement.[36] One of the plants is dispatched by the owner to meet the needs of its industrial facility. Most of the power and all the heat is used at the facility, with SDG&E buying only the power that exceeds the operator's needs. SDG&E recently converted the contract for the other CHP plant from must-run to dispatchable operation. SDG&E expects the total operation of this plant to decrease substantially under the new contract. Both plants provide capacity to meet CAISO local RA needs in the San Diego region.

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[35] D.18-02-018, p. 68.
[36] *See* D.10-12-035.

Of the two peaker plants located in DACs, one is under a long-term contract with SDG&E. The other is owned by SDG&E. Both of these plants are used to meet local resource adequacy obligations. These plants are bid at their variable operating cost to the CAISO markets. The market solution determines their operation based on total statewide needs, not SDG&E's bundled need.

SDG&E also has an energy storage facility located in a DAC. SDG&E installed a new energy storage facility in El Cajon in 2017, in response to the Commission's request to add energy storage to reduce reliance on natural gas plants due to the reduction in Aliso Canyon's operational gas storage. Information regarding natural gas plants located in DACs in SDG&E service area is provided in Table 3-8 below:

Table 3-8

SDG&E Owned or Contracted Natural Gas Plants in DACs

Facility	Size (MW)	Description
CP- Kelco	26.8	CHP Facility, under contract to SDG&E through 2024, per CHP settlement
Naval Station Energy	44	CHP Facility, under contract to SDG&E through 2024, per CHP settlement. New contract converts dispatch from must-take to dispatchable
El Cajon Energy Center	48	Peaking facility under contract till 2035, needed to meet local resource adequacy
Cuyamaca Facility	45	Peaking facility owned by SDG&E, needed to meet local resource adequacy
El Cajon Energy Storage facility	7.5	New energy storage facility added in 2017

ii. Cost & Rate Analysis

D.18-02-018 requires LSEs to provide data showing forecasted revenue requirements and system average rate information to reflect how the LSE anticipates its Preferred Portfolio will affect costs for its customers. This provides a forecast of the overall direction of rates based on the required planning assumptions. Consistent with the direction provided by D.18-02-018, SDG&E's analysis is based on revenue requirements according to the following categories and

reflects the following key assumptions and as such will not be representative of SDG&E's actual rates. Note the illustrative system average rates provided in Table 3-9 below are intended to meet the specific reporting requirements of D.18-02-018 and should only be used for the limited purpose of assessing the impact of the Preferred Portfolio.

- **Transmission**: Transmission revenue requirements are derived from SDG&E's Form 8.1 a/b submittal to the CEC in its 2017 IEPR.

- **Distribution**: Distribution revenue requirements are derived from SDG&E's Form 8.1 a/b submittal to the CEC in its 2017 IEPR.

- **Demand-Side Management (DSM) Programs**: DSM program costs reflect: (1) Energy Efficiency Incremental Costs which reflect the costs for the EE programs based on the Mid EE program quantities times the assumed levelized cost for EE based on ED Staff's assumed costs used in the RESOLVE model; and (2) Dispatchable Demand Response which are based on the program quantities times the assumed levelized cost for DR based on ED Staff's assumed costs used in the RESOLVE model.

- **Generation**: Calculation of generation costs based on a production cost model run of SDG&E's portfolio using the required gas price and IEPR GHG price assumption. The generation costs are split into two categories. First is the generation revenue requirement, net of market revenues, for generation resources paid for by all customers. This includes resources that are subject to Cost Allocation Mechanism (CAM)[37] and Competition Transition Charge (CTC). Second is the generation costs, net of market revenues, for generation costs only paid for by bundled customers.

- All costs have been converted to 2016 dollars using the required deflator.

Based on these assumptions, the resulting system average rate is shown below.

Table 3-9

System Average Rates Associated with Conforming Portfolio (2016$)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
¢/kWh	21	21	21	21	21	20	20	20	20	20	20	20	20
Rev. Req. $B	3.11	3.14	3.16	3.22	3.15	3.11	3.09	3.06	3.04	3.07	3.10	3.11	3.10

[37] This is represented as the Local Generation Charge (LGC) Rate component for SDG&E.

ii. Deviations from Current Resource Plans

SDG&E's IIRP does not require any deviations from its current resource plan. SDG&E assumes it will continue to meet its current required procurement obligations.

iii. Local Needs Analysis

SDG&E's Conforming Portfolio is designed to meet local capacity needs of its bundled customers as they are currently defined by the Commission. Based on the CAISO's 2017-18 Transmission study as required, and considering the San Diego – Imperial Valley (SD-IV) local area, SDG&E's plan can meet most of its bundled customers' local capacity needs with existing long-term commitments.[38]

SDG&E plans to continue to fill its remaining bundled local need on a short-term basis as it has done for the past few years. This is prudent due to uncertainty regarding potential load loss resulting from CCA formation or the reopening of DA, which could greatly reduce the local needs of remaining bundled service customers. This approach also makes sense given the changing RA rules and NQC values which make it hard to determine exact needs or the capacity value that will be provided by any specific technology type. SDG&E's IIRP assumes, consistent with the RSP, that sufficient resources will be available for contracting to meet this need as the RSP assumed that all remaining resources will continue to be in service and RSP did not identify any need to build new local resources.

SDG&E also notes that the CAISO's latest final local capacity studies for 2019 and 2023 found local need for this planning area of 4,132 MW for 2023[39] (as compared to 4,675 MW in 2022 based on the previous study). This decrease of over 500 MW of local need shows that

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[38] The Standard LSE Plan template, as provided by the Energy Division on May 25, 2018, states that LSEs should use the Local Capacity Technical Analysis (LCT) reports for years 2018 and 2022 associated with the CAISO board-approved 2017-18 Transmission Plan when developing the local needs analysis of the Conforming Portfolios.

[39] http://www.caiso.com/Documents/Presentation-Final2019and2023LCRLABasinandSanDiegoImperialValleyLocalAreas.pdf

there remains a fair amount of uncertainty regarding longer term needs. The fact that these studies, only one year apart, can reflect a change in need of hundreds of MW provides additional support for SDG&E's approach of continuing to procure its final local RA needs on a short-term basis.

Although not required by the Commission in this IRP, it is important to note that in addition to the SD-IV local area, the CAISO also studies various sub-areas in the SDG&E service territory, the San Diego sub-area being the largest. Since local reliability is driven by more than one constraint, simply meeting the needs in the SD-IV area need might not meet all of the sub-area local needs. Future IRPs need to closely coordinate with the CASIO and potentially require submittals showing sub-area positions. SDG&E bundled customers are well positioned to meet needs in this sub-area based on existing long-term commitments.

4. ACTION PLAN

A. Proposed Activities

SDG&E's IIRP does not show a near-term incremental procurement need. There may be a need for additional resources in the outer years, starting 2026, assuming that SDG&E's load levels remain constant, SDG&E does not experience additional load departure and current projections of local capacity requirements do not increase significantly. Given the potential for significant load departure in the near term and the current uncertainty around other aspects of the resource planning/procurement construct (*e.g.*, consideration of a central buyer for RA, revision of the PCIA, changes in the drivers for local capacity requirements, etc.), it makes sense to refrain from undertaking incremental procurement in the near term beyond the mandated procurement that SDG&E is required to undertake. To the extent the potential need for new resources in 2026 and beyond becomes a reality, this need can be addressed in future IRP cycles.

While SDG&E does not propose to undertake new incremental procurement, its IIRP does contemplate continued compliance with procurement mandates. In addition, SDGE will

continue to take action to economically reduce local capacity requirements and to optimize its resource portfolio. As a standard practice, SDG&E routinely conducts portfolio management activities to align its supply obligations with the needs of bundled service customers. These activities include the procurement and/or sale of energy and energy products pursuant to its BPP and RPS Plan.

i. Existing Obligations

SDG&E is subject to various mandated resource procurement programs, including those listed in Table 4-1 below. The targets set forth below represent SDG&E's share of the respective program targets, unless otherwise noted.

Table 4-1

Existing Obligations

PROGRAM	SDG&E TARGET (MW)
Conventional	
Combined Heat & Power Feed-in Tariff (Assembly Bill (AB) 1613)	N/A – must-take program for facilities up to 20 MW in size[40]
Combined Heat & Power Settlement (D.10-12-035)	211[41]
Energy Efficiency	
Program Target/Authorization	44[42] (2018 goal)
Reliability	
Energy Storage (AB 2868)	166 authorized[43]
Resource Adequacy (AB 380)	Local, System and Flexible RA requirements vary by month as determined by the Commission and by the CAISO for the San Diego LCR sub-area[44]
Demand Response Auction Mechanism (R.13-09-011)	$5.5M budget ($1M in 2016, and $1.5M/year for 2017-2019)[45]
Demand Response Programs	33[46] (2018 target)

40 D.09-12-042, pp. 2, 81.
41 D.10-12-035, Attachment A, Settlement Agreement Term Sheet, p. 8.
42 D.17-09-025, p. 38
43 D.17-04-039, p. 66.
44 *See* http://www.cpuc.ca.gov/RA/.
45 *See* R-4728, R-4754, D.16-06-029 and D.17-10-017.
46 SDG&E April 1 Annual Load Impact Reports, Executive Summary Appendix A: SDG&E 1 in 2 Weather Scenario - Portfolio. (Year: 2018 – Month: August)

Dynamic Rates	26[47] (2018 target)
Renewable	
Bioenergy Market Adjusting Tariff (Senate Bill (SB) 1122)	25[48]
Green Tariff Shared Renewables Program (SB 43)	59[49]
Qualifying Facility/Public Utility Regulatory Policies Act (Pub.L. 95–617, 92 Stat. 3117)	Must-take program for facilities up to 20 MW in size[50]

ii. Outreach for Planned or Re-Contracted Resources

Since SDG&E's Conforming Portfolio does not call for near-term procurement or re-contracting, SDG&E has not yet initiated extensive outreach. However, should SDG&E have a need for new resources located in DACs in the future, the general process to engage SDG&E's DAC customers on this topic would likely involve the following two-pronged approach designed to provide information and gather input on potential areas of concern: (1) outreach to local government decision-makers (*e.g.*, elected officials); and (2) outreach to leaders and members of community-based organizations (*e.g.*, local K-12 school districts, clinics, and environmental, affordable housing, youth development, local business chamber, and other civic community-based organizations).

To accomplish this outreach, SDG&E would build upon its existing network of outreach partners. SDG&E's well-established outreach platforms keep customers informed about a variety of topics, among them fire safety, clean energy goals, rate changes, customer assistance programs, and electric transportation. SDG&E depends on an extensive network of community leaders and community-based non-profit organizations to maintain open lines of communication regarding energy-related issues impacting SDG&E's service territory. For example:

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[47] *Id*.
[48] D.14-12-081, p. 36.
[49] D.15-01-051, p. 6.
[50] D.10-12-035, Attachment A, Exhibit 6. Note that conventional facilities are also eligible.

- The SDG&E Community Relations network of community-based organizations consists of approximately 500 non-profit organizations in the areas of environmental education, after-school education and youth development, safety and emergency preparedness, and economic development. SDG&E supports these organizations through its shareholder-funded philanthropic giving. Since 2011, 70 percent or more of SDG&E's annual charitable giving has been to diverse and underserved communities.
- The SDG&E Community Advisory Council: SDG&E hosts quarterly meetings with this group of 20 key community leaders who represent academic, business, labor, non-profit, environmental, law enforcement, local government, and other civic interests in the San Diego region to provide information and receive feedback about topics like safety and clean energy goals based on an agenda developed between SDG&E and the Council members. The Community Advisory Council provides direct and candid feedback and suggestions to SDG&E's senior leadership on SDG&E programs, such as clean energy, clean transportation, rate changes, customer assistance programs, infrastructure projects, fire safety, and energy efficiency.
- The SDG&E Regional Public Affairs department is SDG&E's direct liaison to elected officials and their staffs at 27 cities, two counties, and several special district governments (*e.g.*, water districts, the San Diego Association of Governments).
- The SDG&E Energy Solutions Partners are in large part a subset of SDG&E non-profit partner organizations who are specifically focused on outreach to hard-to-reach customers on SDG&E customer assistance programs, such as CARE, Energy Savings Assistance, Medical Baseline, and FERA programs. The goal of the Energy Solutions Partners is to work one-on-one with specific, grassroots community organizations to

develop customized outreach programs that benefit customers by driving enrollments in SDG&E's assistance programs.

SDG&E's existing outreach structure and partners provide the foundation for its communication strategy, and will enable a comprehensive and effective outreach effort related to any future need for DAC-sited energy projects.

iii. Method for Ensuring "Early Priority" for Reducing Air Emissions in DACs

Many of SDG&E's existing programs already prioritize reducing air emissions in DACs, as described in Table 3-6 above. In addition, SDG&E has developed methods to ensure that new procurement will prioritize the reduction of air emissions in DACs. First, SDG&E will focus on use of bid evaluation criteria to ensure "early priority" for reducing air emissions in DACs. Specifically, SDG&E will actively seek bids for non-emitting resources located in DACs by using bid evaluation criteria that favor such projects. SDG&E has incorporated DAC considerations into its least-cost, best-fit (LCBF) valuation methodology. This ensures that impacts to DACs are evaluated at the earliest possible opportunity and that the results are incorporated into the decision-making process. As SDG&E's RPS LCBF document explains under the list of qualitative criteria, "Disadvantaged communities are those identified as Environmental Justice (EJ) communities through California's Environmental Protection Agency's CalEnviroScreen 2.0. Offer documents must include any environmental or economic benefits that the proposed project would provide to EJ communities with high poverty or unemployment rates, and/or high emission levels of toxic air contaminants."[51] Qualitative criteria are used to compare projects of similar cost, meaning that a project that provides benefits to DACs may be ranked higher than a similar project that does not provide such benefits. The

[51] SDG&E Final 2017 RPS Plan, Appendix 9, p. 7.

approach utilized under the RPS program will be applied to all procurement made under the IRP (*i.e.*, it will be applicable to the evaluation of all technologies as well as new or operating facilities).

If, after application of bid evaluation criteria in the manner described above, SDG&E's IIRP proposes new or re-contracted emitting resources located in DACs, SDG&E will include an explanation as to why the need cannot be met by non-emitting resources.

B. Barrier Analysis

SDG&E does not foresee significant barriers to its ability to acquire the approximately 700 GWh of incremental renewable power required to meet its GHG benchmark. However, SDG&E does have concerns with some of the long-term planning assumptions used in the RSP, upon which its need assessment was based. These include uncertainties around demand-side resource assumptions and the potential for significant market changes, as described below. Although SDG&E does not expect these issues to impact its near-term procurement needs, they do add risk to the planning process.

i. Baseline Demand-Side Resource Assumptions are in Flux

SDG&E's Conforming Portfolio relies on demand-side resource assumptions that are in flux and could prevent SDG&E from achieving the emissions reductions outlined in its IIRP. The Commission acknowledged and addressed this issue for this IRP cycle by running several sensitivity cases to account for the range of possible penetrations of these demand-side programmatic resources,[52] and has indicated that it intends to develop the capability to optimize these resources in the next IRP cycle. SDG&E agrees with the Commission's approach of pushing forward with this "proof of concept" round of the IRP, without attempting to solve every concern, but notes that the issue of inaccurate demand-side assumptions is highly problematic

[52] D.18-02-018, p. 34.

and must be resolved going forward. SDG&E's discussion of barriers below identifies issues with EE, EV and BTM solar assumptions with the goal of improving forecasts for the next IRP.

a. EE assumptions are uncertain

The Conforming Portfolio includes 780 MW of EE in 2030, which is based on the CEC's 2017 Mid Case of Additional Achievable Energy Efficiency (AAEE).[53] Based on this assumption, EE makes up nearly 40 percent of the incremental capacity need to achieve SDG&E's GHG target. Although SDG&E believes that EE is a critical component of the state's emissions reduction plan, SDG&E is concerned about this level of dependence on EE because: (1) it will push the boundaries of feasibility and cost-effectiveness;[54] and (2) there are two key EE forecasting flaws that could significantly reduce these assumptions.

First, although EE offers a very intuitive way to reduce GHGs, it is hindered by two major problems: customer adoption and cost-effectiveness. SB 350 pushes the state to double EE, but only if it is feasible and cost-effective to do so.[55] The feasibility of increasing EE adoption is questionable because it is unclear whether customers will continue to adopt ever-increasing amounts of EE measures, and because EE programming, traditionally administered and implemented by utilities, may be under-served in a more fragmented, decentralized market.[56]

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[53] The quantity is from SDG&E's CNS calculator.

[54] § 454.55 (a)(1): The commission, in consultation with the Energy Commission, shall identify all potentially achievable cost-effective electricity efficiency savings and establish efficiency targets for an electrical corporation to achieve, pursuant to Section 454.5, consistent with the targets established pursuant to subdivision (c) of Section 25310 of the Public Resources Code.

[55] Cal. Public Resources Code § 25310 (c)(1) (emphasis added): On or before November 1, 2017, the commission, in collaboration with the Public Utilities Commission and local publicly owned electric utilities, in a public process that allows input from other stakeholders, shall establish annual targets for statewide energy efficiency savings and demand reduction that will achieve a cumulative doubling of statewide energy efficiency savings in electricity and natural gas final end uses of retail customers by January 1, 2030. The commission shall base the targets on a doubling of the mid-case estimate of additional achievable energy efficiency savings, as contained in the California Energy Demand Forecast, 2015-2025, adopted by the commission, extended to 2030 using an average annual growth rate, and the targets adopted by local publicly owned electric utilities pursuant to Section 9505 of the Public Utilities Code, extended to 2030 using an average annual growth rate, **to the extent doing so is cost effective, feasible,** and will not adversely impact public health and safety.

[56] *2017 Integrated Energy Policy Report*, pp. 31-32.

In addition, cost-effectiveness is a key challenge to increasing EE. Forecasts for 2018's EE program portfolios generally showed that program administrators did not expect to meet the CPUC's cost-effectiveness standards.[57] Even program portfolios that are cost-effective today may not be so in the future due to reliance on the dwindling volume of measures that are "low hanging fruit" for energy savings claims. The Commission is looking to third-party innovation and statewide program administration to provide efficiencies that will increase cost-effectiveness, but acknowledges that this outcome is not guaranteed.[58]

The Commission should consider how to continue to foster EE innovation without distorting cost-effectiveness by attributing additional adders for values that EE may not provide, as it has done by establishing an inflated DER- specific GHG adder in this proceeding.[59] EE funding that is optimized for GHG reduction goals as part of the next IRP could be authorized separately from EE funding that is intended to spur innovation and market transformation. The Commission could select the optimal resources to meet GHG reduction goals with the most cost-effective products/programs through the IRP process, while establishing separate targets within the EE proceeding for programs that spur innovation, with a separate cost-effectiveness threshold geared towards meeting this very different goal. For example, EE programs involving established cost-effective measures like lighting could be optimized in the IRP to meet GHG reduction goals, while EE programs relying on costlier emerging technologies could be authorized under different cost-effectiveness thresholds in the EE proceeding. This and other cost-effectiveness issues must be addressed across proceedings as the Commission and stakeholders work towards future rounds of the IRP.

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[57] D.18-05-041, p. 71.
[58] *Id*.
[59] *See* D.18-02-018, p. 117.

In addition, there are two significant forecasting flaws in the RSP that could decrease the EE forecast. First, the assumptions do not account for the fact that current CPUC EE policy excludes customer-generated electricity from EE potential. The CPUC excludes energy savings that exceed the customer's utility energy purchases, and savings associated with energy delivered through self-generation.[60] This means that self-generation customers are typically not eligible for EE incentives, and should be excluded from EE forecasts. In territories with a high degree of solar penetration, like San Diego, this could have a significant impact on the volume of EE.

Second, the current forecast does not consider pending changes to the definition of the peak period assigned to EE measures. EE measures currently receive capacity value for savings delivered in the middle of the day. This means that measures which typically reduce consumption in the middle of the day when the grid needs more consumption, like HVAC, typically receive the most capacity value when determining cost-effectiveness. The CPUC is currently working with stakeholders to shift the standard EE peak period towards the evening hours.[61] This shift will likely decrease the cost-effectiveness of HVAC and other measures that deliver savings in the middle of the day, while potentially increasing the value of residential lighting measures, which reduce consumption during evening hours. The net impact of this peak shift will likely reduce overall EE savings, especially since the Commission is also working to disqualify certain lighting measures that it deems to have achieved "standard practice" status.[62]

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[60] California Public Utilities Commission, *Energy Efficiency Savings Eligibility at Sites with non-IOU Supplied Energy Sources Guidance Document*, Version 1.1, p. 3 (November 6, 2015).

[61] Resolution E-4867 (August 24, 2017).

[62] 2018 Outdoor Lighting Disposition Update Covering Workpaper Resubmission in Response to a 2018 Phase 1 Disposition by CPUC Energy Division, dated May 7, 2018; and 2018 Disposition Update for High and Low Bay LED Fixtured Based on Resubmission of Workpaper PGECOLTG178 Revision 3 in Response to a 2017 Phase 2 Disposition by CPUC Energy Division, dated May 7, 2018.

b. Electric Transportation Load May be Underestimated

The Commission acknowledges the uncertainty surrounding electrification issues and invites parties to discuss these issues in their IIRPs.[63] SDG&E highlights two concerns related to EVs below.

First, the RSP relies on assumptions that do not reflect the Governor's EV goals. The RSP assumptions come from the 2017 IEPR forecast, which do not reflect the Governor's January 2018 announcement of sweeping environmental initiatives that include a goal of 5 million zero-emission vehicles on the road by 2030.[64] The impact of this goal will need to be factored into the EV forecast for future rounds of the IRP.

Second, the IRP process should develop a comprehensive strategy to address cross sectoral issues, including: (1) how to address assignment of GHG emissions to the electric sector resulting from load growth due to decarbonization of other sectors (*e.g.*, transportation electrification); and (2) inadvertent creation of disincentives for pursuing electrification by, for example, setting a GHG Planning Price that exceeds the Cap-and-Trade price. Developing solutions to these issues will likely involve consideration of rate structures and price signals that discourage the need for additional capacity as energy demand increases, and evaluation methods that compare emissions from electricity generating fuels against use of that fuel to travel. Working through these issue is critical to the state's ability to meet GHG reduction targets in the most cost-effective manner.

c. BTM solar assumptions are problematic

SDG&E's Conforming Portfolio relies on the BTM solar volumes included in the 2017 IEPR forecast. The forecast shows continual growth (approximately doubling) of BTM PV

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[63] D.18-02-018, p. 146.

[64] Executive Order B-48-18, https://www.gov.ca.gov/2018/01/26/governor-brown-takes-action-to-increase-zero-emission-vehicles-fund-new-climate-investments/.

between 2018 and 2030. The forecast is problematic inasmuch as it assumes the continuation of the current NEM subsidies. It is beyond dispute that BTM Solar will be an integral element of California's clean energy future. In order to ensure that the state achieves its GHG reduction targets with the most cost-effective mix of resources, however, reform of the existing NEM subsidy program is essential. This theme is echoed by academics, including Severin Borenstein, Director Emeritus of the University of California Energy Institute and the Energy Institute at Haas School of Business.[65] Dr. Borenstein points out that reducing GHG emissions is the paramount goal of energy policy today. He explains that an important component of the strategy for achieving this goal is a careful examination of how technologies are subsidized. He notes that unreasonably high subsidies that result in inaccurate price signals, such as those provided through the NEM program, are counter-productive and should be avoided, suggesting that "…we should craft incentives that accurately reflect the net benefits each alternative technology offers. I'm not sure exactly how those incentives should be structured. But I can tell you that they don't involve paying households retail rates for power injected into the system, as net metering policies currently do."[66] Until NEM is reformed so that costs and benefits are accurately addressed, it is unclear what assumption should be used regarding the appropriate level of BTM solar.

ii. Uncertainty Resulting from Market Changes

As the result of major changes in California's energy landscape – both in terms of the number of service providers, and of the going-forward role of the IOUs in procuring necessary resources – there is a great deal of uncertainty in the current environment. This uncertainty adds

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[65] Severin Borenstein is E.T. Grether Professor of Business Administration and Public Policy at the Haas School of Business and Faculty Director of the Energy Institute at Haas. *See* http://faculty.haas.berkeley.edu/borenste/BorensteinBio.html.

[66] Severin Borenstein, *Is Residential Solar the Future of Electric Generation*, 2015. Available at: http://blogs.berkeley.edu/2015/05/08/is-residential-solar-the-future-of-electricity-generation/.

additional risk to any procurement that results from this IRP cycle. First, there is the potential for substantial variability in the volume of load that SDG&E will serve in the future. The Commission has estimated that up to 85 percent of retail load may be served by LSEs other than the IOUs within the next decade.[67] Continued growth in CCA activity, as well as the potential reopening of DA,[68] could result in a significant reduction in the load served by SDG&E. This would materially reduce SDG&E's need for resources and would, in fact, likely lead to a reduction in SDG&E's resource portfolio rather than incremental additions.

Second, other key aspects of the IOUs' resource planning and procurement construct may be substantially revised in the near future. The Commission is currently considering in its RA rulemaking whether to move away from the existing paradigm of requiring all LSEs to procure reliability resources on behalf of their customers toward a "central buyer" approach to procurement of reliability resources, and is separately considering revisions to the PCIA methodology intended to address flaws in the current methodology that result in significant cost-shifts to bundled service customers. The outcome of these proceedings will directly impact SDG&E's resource planning and procurement activities. Thus, the current level of uncertainty regarding these important issues, as well as the potential for significant load departure in the near term, leads to the conclusion that now is not the time for new resource commitments beyond the mandated procurement that SDG&E is required to undertake.

iii. Risk Associated with Potential Retirement of Existing Resources

A large portion of SDG&E's portfolio is under long-term contracts, thus reducing the risks associated with retirement of existing resources faced by SDG&E's bundled service

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[67] CPUC Staff White Paper, *Consumer and Retail Choice, the Role of the Utility, and an Evolving Regulatory Framework*, May 2017, p. 3. Available at: http://www.cpuc.ca.gov/uploadedFiles/CPUC_Public_Website/Content/News_Room/News_and_Updates/Retail%20Choice%20White%20Paper%205%208%2017.pdf.

[68] SB 237 (Hertzberg) would require the Commission to implement a 3-year phase in of Direct Access. http://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB237.

customers. This includes relatively new renewable resources that were contracted for through long-term deals in order to provide project developers with the revenue stream required to obtain financing for the projects. A small portion of SDG&E's renewable resource portfolio is made up of contracts that will expire during the planning period. However, given the demand for renewable power arising from state mandates and individual LSEs' commitments to reliance on green power, it is possible that these resources will be successful in re-contacting, so long as they are able to continue to provide cost-effective power.

In addition, most of the resources that SDG&E relies on for local RA (which also typically provide system and flexible capacity) are also new and subject to long-term contracts. This is a direct result of the state's plan to shut down plants that rely on once-through-cooling (OTC) technology. The last OTC plant in SDG&E service area will retire at the end of 2018, once the necessary replacement capacity that is currently under construction is completed.

With regard to system resources, SDG&E anticipates that its system needs will be met through its existing portfolio and procurement to meet local needs. In other words, once SDG&E has added the required local capacity (which, as noted above, typically includes the system capacity attribute), that procurement, plus the system capacity under contract through SDG&E's other long-term contracts and existing resources owned by SDG&E, will meet the system capacity needs of SDG&E's bundled customers.

C. Proposed Commission Direction

SDG&E is not seeking any new spending authorizations, any changes to existing authorizations, or changes to existing programmatic goals or budgets in this IIRP. However, it is important that the issues and concerns that have been identified in SDG&E's IIRP are resolved expeditiously by the Commission.

5. DATA

In accordance with the Commission's direction, SDG&E provides completed copies of the Baseline and New Resource Templates as Appendices A and B respectively. Each template is described below. Note that since SDG&E is not proposing any changes to the load forecast and relies on the one assigned, no load data is required.

A. Baseline Resource Data Template

The Baseline Data Template includes all of the existing resources in SDG&E's bundled customer portfolio and new resources for which applications seeking Commission approval were filed prior to January 1, 2018. In completing this template, SDG&E took note of existing resource contract expiration dates. Thus, not all existing resources are shown for the entire planning period. This should not be interpreted as signifying that the resources will necessarily be retired based on these contract end dates. Any retirement decision will be made by the resource owner.

Since the RSP assumes that all existing resources will remain available for the entire planning period, SDG&E, likewise, assumes that resource(s) with expiring contract(s) will be available for SDG&E to recontract with to meet any identified needs. Thus, SDG&E included as a baseline resource any resources of the same type that were added back into its plan to meet the GHG benchmark. To be clear, this action is simply a reporting assumption and should not be interpreted as (i) a specific commitment by SDG&E to recontract with any such resource; or (ii) an indication that when SDG&E holds RFOs to meet its future needs, new resources will not be selected. SDG&E applied this approach so that when ED Staff combines the IIRPs, it does not add new generation resources to meet a need that could be met by existing, non-retiring

resources. This approach is similar to the direction ED provided regarding how to report assumed RA purchases from generic existing generation facilities.[69]

B. New Resource Data Template

As noted above, SDG&E presents only a single portfolio in this round of the IRP, thus it provides only one version of the New Resource template. The New Resource Data Template includes all resources in SDG&E's bundled customer portfolio that did not meet the criteria to be included in the Baseline Resource Template. For SDG&E's portfolio this only includes energy storage proposed to comply with AB 2868.

C. Other Data Reporting Guidelines

SDG&E also includes as Appendix C a copy of the CNS calculator that shows the Conforming Portfolio meeting the GHG mass benchmark. The CNS calculator was also used to calculate the emission values presented in the IIRP.

6. LESSONS LEARNED

SB 350 adds significant complexity to the existing resource planning process in California, and development and implementation of the IRP process presents many challenges. Through their collaborative work effort and solution-focused approach, ED staff and stakeholders have achieved substantial progress toward the goal of establishing the conceptual framework of the IRP, including an analytical process intended to produce a useful and informative IRP. The shift from conceptual to practical application inevitably involves some trial and error, however, and that is especially true here given the transformative nature of the IRP initiative. As with any major project, there are aspects of the process that require adjustment or do not operate as intended; refinement of the IRP process will, by necessity, be ongoing.

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[69] *See* ED response to Question 16 of the IRP Filing Requirements Reference Guide dated July 26, 2018.

As discussed above, the primary purpose of this IRP cycle is as a "dry run" or test case for application of the IRP process. Completion of this first cycle and consideration of lessons learned is important to the assessment of the feasibility of the proposed process. As discussed in more detail below, there are several aspects of the IRP process that require modification in order to ensure adherence to the state's policy goal of achieving GHG reduction at lowest cost, while enabling the Commission to approve a plan that results in just and reasonable rates. It is also important to note that the process has not concluded since ED staff has yet to combine the IIRPs to determine the final results and develop the Preferred System Plan. Thus, consideration of lessons learned and modification of the process must be an iterative process, rather than a one-time analysis.

SDG&E offers below its observations regarding the overall IRP process and potential areas of improvement. SDG&E notes generally that some of the challenges experienced in this cycle related to the relatively condensed procedural schedule. SDG&E expects that these timing issues will largely resolve themselves in the next cycle, which will occur over a longer time-frame with more predictable milestones. SDG&E does not attempt to catalogue here every necessary modification to the IRP outline or process, or required data submittals – it anticipates that these issues will continue to be refined over time – instead, it seeks to identify major issues that warrant immediate attention. Major areas requiring resolution prior to the next IRP cycle include:

- Emissions requirements: This cycle required each LSE to conduct an air emissions analysis with little guidance and little base support included in the RSP. This analysis of emissions is a new step that was previously not required in LTPPs. SDG&E understands the Commission's desire to understand how the Preferred System Plan ultimately adopted by the Commission could impact air emissions, however the means of accomplishing this

objective must be considered more carefully in the next IRP cycle. As a practical matter, it makes little sense for individual LSEs to attempt this analysis. The resources that are the focus of this analysis are dispatched by the CAISO to meet total load, rather than by individual LSEs to meet that specific LSE's load.

A resource that is located in a specific geographic area is typically not dispatched to meet the load in that area; likewise, the resources that a particular LSE has under contract do not directly serve that LSE's load. Rather the electrons generated by that resource are scheduled by the LSE, dispatched by the CAISO, put onto the grid, and used to serve the aggregate load. The resulting starts and tops are the result of the combined impact of *all* LSE's plans, and not a direct result of a single LSE's actions.

Thus, given this centralized approach to dispatch, there does not appear to be a basis to assign the emissions from specific plants to a specific LSE (this is similar to issues that arise with calculating GHG). The IOUs all used a modified version of the CNS calculator to calculate emissions. This approach holds promise, with some development, as a possible tool if the desire is to keep some showing regarding emissions in LSEs' IIRPs.

- <u>GHG Planning Price</u>: The approach used to develop the GHG planning price in the current IRP cycle was highly problematic. Creating a single-year tonnage target for a sub-set of the electric sector (IOUs, CCAs and DA providers) is inconsistent with the state's policy approach of achieving GHG reductions across all sectors of the economy at the lowest possible cost. The steps taken by the electric sector to reduce GHG emissions are but one component of a larger economy-wide effort to achieve the state's GHG reduction policy goal. Thus, instead of unilaterally setting a GHG reduction target and conducting modeling to determine what pricing is required to achieve that target, the IRP

process should operate within the state's Cap & Trade (C&T) framework and determine what GHG reductions are cost-effective and can be achieved consistent with the CARB's C&T price. The approach of defining a single-year GHG reduction target and using that target to drive the process reverses the analytical process that should be used to define the IRP, namely, using CARB's C&T price to determine what GHG reductions are cost-effective and can be achieved. In other words, the GHG planning price should be an input into the modeling process not an output resulting from an arbitrarily-defined GHG reduction target.

The GHG planning price applied in this IRP cycle, developed as an output from the RESOLVE model for the last resource added to meet the specified GHG target, was not viable for use by any LSE to develop their IIRP. Requiring a sub-set of the electric sector to achieve a specific GHG reduction target at a cost higher than the C&T price is not consistent with CARB's C&T framework or objectives, or with the state's policy of achieving economy wide GHG reductions at the lowest cost.

- Proceeding Coordination: For the IRP process to be useful, the Commission must establish a clear link between the resource planning process and resource procurement targets. Separate Commission proceedings that impose siloed resource procurement requirements without regard for integrated resource planning targets will need to be linked to the IRP process so that it can inform the determinations made in those proceedings regarding individual resource procurement mandates. Opportunities to begin coordinating include:
    - Resource Evaluation/Cost-Effectiveness: Development of the Common Resource Evaluation Framework should include discussion of how it should be used by other DERs. The Commission should consider incorporating key

cost-effectiveness topics from other proceedings like Energy Efficiency, Demand Response, Energy Storage, RPS and IDER, into the scope of the IRP's Common Resource Valuation Methodology (CRVM) discussion so that cost-effectiveness methodologies can be considered in a single proceeding.

- Forecasting: Supply and demand forecasts are central to resource planning. The assumptions used to develop these forecasts are currently being vetted in multiple places, including: (1) the CEC's IEPR process; (2) development of DER growth scenarios in the Distribution Resource Plan proceeding; and (3) the IRP proceeding. To ensure consistency in how resources are evaluated across proceedings, the Commission should strive to align with assumptions being used in all of these proceedings as it develops its 2019-2020 IRP forecasts.
- Energy Efficiency: The CPUC recently approved funding for EE programs through 2025 based on Business Plans submitted by program administrators, and goals developed from an EE potential study.[70] Procurement of EE programs to meet these targets will begin as early as the fall of 2018. The EE solicitations will be monitored by a Procurement Review Group, where ED staff, Independent Evaluators, utility representatives and other stakeholders will consider the reasonableness of the proposed selections. This dialogue should include discussion of whether long-term contracts are appropriate considering the potential for shifting EE goals based on IRP-driven targets.
- Local Capacity Requirements: Attainment of GHG reduction goals at the lowest cost requires consideration of whether and when it is economic to

[70] *See* D.18-05-041.

reduce local capacity requirements through the addition of new transmission. This determination requires a comparison between (i) the estimated cost of adding new transmission, and (ii) the projected cost of meeting local capacity requirements with existing and/or new local generation. This is a non-trivial undertaking since it requires extensive interaction with, and input from, the CAISO. Current modeling approaches do not have the capability to perform this comparison and arrive at a solution which is optimized across all feasible transmission and resource options.

Appendix A

IOU Baseline Data Template

Data Template Instructions	On the "Baseline_Resources" tab, please report by month and year, the energy and system capacity amounts under contract to or owned by the Load Serving Entity (LSE). Report data for all resource types including conventional generation, wind, solar, demand response, storage, etc. that are owned by the LSE, or under contractual commitment to the LSE, in whole or in part. Include both online units with a CAISO Resource ID, as well as projects that are not yet online but have secured a contract and may therefore be identified in the Commission's RPS Contracts Database or an Application filed at the Commission. For situations where the LSE is reporting a current or future contract with unknown existing resource(s), report this information in this workbook, NOT the New Resource Data Template. Existing Feed In Tariff contracts (which do not have a CAISO Resource ID) are also reported in this workbook. Existing shares of CAM system capacity as assigned in CPUC's Resource Adequacy program and projected to future years are reported in this workbook. Report capacity data consistent with existing reporting obligations to the CPUC's Resource Adequacy program. Report data starting in January, 2018 through December 2030. Column heading definitions are below. On the "Baseline_Costs" tab, please report cost projections if applicable to the reporting entity. These are costs associated with the resources in the "Baseline_Resources" tab. Cost information associated with baseline demand-side programs, e.g. consistent with the LSE's portion of the 2017 IEPR mid demand mid-mid AAEE/AAPV case, would also be reported on the "Baseline_Costs" tab. Projected costs from new LSE investments are separately reported in the New Resource Data Template. Report all costs in 2016 dollars, using the IEPR dollar deflator series posted to the IRP Filing Materials and Templates webpage. Explain the composition of each cost category in the text body of the Standard LSE Plan Template. Revenue requirement should be the sum of the other components in this worksheet. Many cells include data validation that requires the LSE to populate cells with only the allowed values shown in the cell's drop down menu. Data entry may be done manually, with copy/paste, or with a script - but only allowed values for that cell must be entered - this is critical to ensuring clean and reconciliable data. Cells must contain only text or numerical data. Do not use the "Insert Comment" feature of Excel to comment on specific cells. Instead please comment on specific cells in the text body of the Standard LSE Plan Template.
Baseline_Resources Column Heading	**Instruction and Description**
LSE_Name	Select from the drop-down menu the Load Serving Entity (LSE) name that the resource is under obligation to. This column must not be blank.
Resource_ID	Select from the drop-down menu the CAISO balancing area Resource ID for the resource. If the resource is not assigned a CAISO Resource ID, or represents an unknown group of resources, select "None_assigned". If the resource has a CAISO Resource ID not found in the drop-down menu, then copy/paste the value into the cell to bypass the drop-down menu data validation (an example of this situation would be a resource that was very recently assigned a CAISO Resource ID). When a single contract includes multiple resources, separate into multiple rows, one Resource_ID per row. For example, four rows will be entered for a contract that includes four Resource_IDs. This column must not be blank. For situations where the LSE is reporting a current or future contract with unknown existing resource(s), report this information in this workbook, NOT the New Resource Data Template. Examples include: a new RA contract with an existing unit that comes off its existing contract in a future year, or other contract types that do not specify a source. Existing Feed In Tariff contracts (which do not have a CAISO Resource ID) are also reported in this workbook. In these situations, select "None_assigned".
CPUC_ID	For large IOU RPS-eligible units, report the "CPUC ID" field that is specified in the IOU's monthly reporting to the CPUC's RPS Database. When a single Resource_ID is associated with more than one CPUC_ID at a time, separate into multiple rows, one CPUC_ID per row. For example, three rows will be entered for a single Resource_ID associated with three different CPUC_IDs. For situations where this does not apply, leave blank.
Contract_ID	For all LSEs, enter a Contract_ID, defined as an LSE's unique contract identifier. If the LSE is a large IOU and reporting a project that is within CPUC's RPS Database, then the IOU should report the "IOU Project ID" field that is specified in the IOU's monthly reporting to the CPUC's RPS Database. When a single Resource_ID is associated with more than one Contract_ID at a time, separate into multiple rows, one Contract_ID per row. For example, three rows will be entered for a single Resource_ID associated with three different Contract_IDs. For situations where this does not apply, leave blank.
Owner_Contract_Type	Select from the drop-down menu: LSE_Owned, RA_Only, Energy_Only, RA_and_Energy. This column must not be blank.
Pending_CPUC_Approval	Indicate the contract regulatory approval status: • Select "Y" if the contract is awaiting CPUC approval (applies only to LSEs that must have contracts approved by the CPUC) • Otherwise leave blank
Resource_Name	Enter the common name of the resource. Indicate specific units under contract if applicable (for example if one physical facility had some units contracted to different LSEs). For situations where the specific resource(s) are unknown, enter the contract name and brief description. This column must not be blank.
Resource_Type	If a CAISO Resource ID was identified in the Resource_ID column, select from the drop-down menu: "See_Resource_ID". Otherwise select a resource type from the remaining options. This column must not be blank. Explanation of options: • Existing_CAM_Share (LSE's RA assigned share of CAM resources and projected forward using most recent year-ahead CAM list allocation) • Existing_CAISO_CHP (unknown unit(s) similar to RESOLVE's CAISO_CHP generator type) • Existing_CAISO_CCGT1 (unknown unit(s) similar to RESOLVE's CAISO_CCGT1 generator type) • Existing_CAISO_CCGT2 (unknown unit(s) similar to RESOLVE's CAISO_CCGT2 generator type) • Existing_CAISO_Peaker1 (unknown unit(s) similar to RESOLVE's CAISO_Peaker1 generator type) • Existing_CAISO_Peaker2 (unknown unit(s) similar to RESOLVE's CAISO_Peaker2 generator type) • Existing_CAISO_Biomass (unknown unit(s) similar to RESOLVE's Biomass generator type) • Existing_CAISO_Geothermal (unknown unit(s) similar to RESOLVE's Geothermal generator type) • Existing_CAISO_SmallHydro (unknown unit(s) similar to RESOLVE's Small Hydro generator type) • Existing_CAISO_SolarFixed (unknown unit(s) similar to RESOLVE's Solar Fixed-Tilt generator type) • Existing_CAISO_SolarTracking (unknown unit(s) similar to RESOLVE's Solar Tracking generator type) • Existing_CAISO_Wind (unknown unit(s) similar to RESOLVE's Wind generator type) • Existing_CAISO_Unspecified (with system unspecified power attributes) • Existing_CAISO_LargeHydro (unknown unit(s) of large hydro within CAISO) • Existing_Non-CAISO_CA_LargeHydro (no CAISO Resource ID or unknown unit(s) of large hydro outside CAISO but inside CA) • Existing_OOS_LargeHydro (no CAISO Resource ID or unknown unit(s) of large hydro outside CA)
Nameplate_MW	Report the nameplate capacity (MW) of this Resource_ID. The nameplate capacity is the maximum rated AC output of the unit. If the specific-resource is not known, then leave this blank.
Year	Select a year from the drop-down menu. This column must not be blank.
Month	Select a month from the drop-down menu. This column must not be blank.
Contract_MW	Report the system capacity (MW) under contract by month. This is an actual or estimated Net Qualifying Capacity value. Per Resource Adequacy rules, a resource contracted for flexible capacity or local capacity will also count as system capacity. For energy only contracts, leave blank.
Contract_GWh	Report the expected energy production (GWh) associated with the energy portion of a contract, by month, when applicable. For RA only contracts, leave blank.

LSE_Name	Resource_ID	CPUC_ID	Contract_ID	Owner_Contract_Type	Pending_CPUC_Approval	Resource_Name	Resource_Type	Nameplate_MW	Year	Month	Contract_MW	Contract_GWh
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	1	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	2	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	3	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	4	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	5	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	6	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	7	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	8	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	9	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	10	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	11	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2018	12	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	1	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	2	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	3	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	4	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	5	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	6	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	7	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	8	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	9	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	10	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	11	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2019	12	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	1	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	2	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	3	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	4	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	5	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	6	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	7	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	8	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	9	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	10	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	11	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2020	12	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	1	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	2	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	3	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	4	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	5	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	6	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	7	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	8	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	9	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	10	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned		Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	11	565.00	

San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2021	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2022	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2023	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2024	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2025	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	1	565.00

San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2026	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2027	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2028	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	3	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	4	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	5	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	6	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	7	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	8	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	9	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	10	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	11	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2029	12	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	1	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	2	565.00
San Diego Gas and Electric	PALOMR_2_PL1X3	LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	3	565.00

San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	4	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	5	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	6	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	7	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	8	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	9	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	10	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	11	565.00	
San Diego Gas and Electric	PALOMR_2_PL1X3			LSE_Owned	Palomar Combined Cycle	Existing_CAISO_CCGT1	565.00	2030	12	565.00	
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	1	60.00	6.86
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	2	60.00	8.61
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	3	60.00	15.82
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	4	60.00	18.17
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	5	60.00	20.2
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	6	60.00	21.73
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	7	60.00	20.41
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	8	60.00	17.01
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	9	60.00	11.13
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	10	60.00	11.26
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	11	60.00	9.33
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2018	12	60.00	10.2
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	1	60.00	6.86
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	2	60.00	8.61
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	3	60.00	15.82
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	4	60.00	18.17
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	5	60.00	20.2
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	6	60.00	21.73
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	7	60.00	20.41
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	8	60.00	17.01
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	9	60.00	11.13
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	10	60.00	11.26
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	11	60.00	9.33
San Diego Gas and Electric	VINCNT_2_WESTWD	SD7000	SDGE00104	RA_and_Energy	Oasis Power	Existing_CAISO_Wind	60.00	2019	12	60.00	9.54
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	1	22.80	0.02
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	2	22.80	0.05
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	3	22.80	0.10
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	4	22.80	0.16
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	5	22.80	0.26
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	6	22.80	0.21
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	7	22.80	0.21
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	8	22.80	0.18
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	9	22.80	0.06
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	10	22.80	0.05
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	11	22.80	0.03
San Diego Gas and Electric	MTWIND_1_UNIT 3	SD7001	SDGE00006	Energy_Only	Mountain Wind	Existing_CAISO_Wind	22.80	2018	12	22.80	0.03
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	1	2.10	0.00
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	2	2.10	0.00
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	3	2.10	0.01
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	4	2.10	0.02
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	5	2.10	0.02

San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	6	2.10	0.02
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	7	2.10	0.02
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	8	2.10	0.02
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	9	2.10	0.01
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	10	2.10	0.00
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	11	2.10	0.00
San Diego Gas and Electric	PWEST_1_UNIT	SD7002	SDGE00007	Energy_Only	Phoenix Wind	Existing_CAISO_Wind	2.10	2018	12	2.10	0.00
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	1	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	2	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	3	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	4	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	5	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	6	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	7	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	8	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	9	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	10	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	11	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2018	12	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	1	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	2	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	3	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	4	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	5	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	6	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	7	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	8	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	9	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	10	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	11	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2019	12	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	1	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	2	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	3	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	4	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	5	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	6	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	7	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	8	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	9	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	10	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	11	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2020	12	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	1	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	2	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	3	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	4	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	5	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	6	48.00	
San Diego Gas and Electric	MRGT_6_MMAREF			LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	7	48.00	

San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2021	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2022	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2023	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2024	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	9	48.00

San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2025	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2026	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2027	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2028	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	11	48.00

San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2029	12	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	1	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	2	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	3	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	4	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	5	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	6	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	7	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	8	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	9	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	10	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	11	48.00
San Diego Gas and Electric	MRGT_6_MMAREF	LSE_Owned	Miramar 1	Existing_CAISO_Peaker1	48.00	2030	12	48.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2018	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2019	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2020	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	1	485.00

San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2021	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2022	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2023	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2024	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	3	485.00

San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2025	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2026	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2027	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2028	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	5	485.00

San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2029	12	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	1	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	2	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	3	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	4	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	5	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	6	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	7	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	8	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	9	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	10	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	11	485.00
San Diego Gas and Electric	MRCHNT_2_PL1X3	LSE_Owned	Desert Star	Existing_CAISO_CCGT1	485.00	2030	12	485.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2018	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2019	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	7	48.00

San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2020	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2021	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2022	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2023	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	9	48.00

San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2024	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2025	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2026	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2027	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	11	48.00

San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2028	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2029	12	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	1	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	2	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	3	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	4	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	5	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	6	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	7	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	8	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	9	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	10	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	11	48.00
San Diego Gas and Electric	MRGT_6_MEF2	LSE_Owned	Miramar 2	Existing_CAISO_Peaker1	48.00	2030	12	48.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2018	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2019	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	1	47.00

San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2020	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2021	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2022	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2023	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	3	47.00

San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2024	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2025	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2026	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2027	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	5	47.00

San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2028	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2029	12	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	1	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	2	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	3	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	4	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	5	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	6	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	7	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	8	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	9	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	10	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	11	47.00
San Diego Gas and Electric	ELCAJN_6_UNITA1	LSE_Owned	Cuyamaca	Existing_CAISO_Peaker1	47.00	2030	12	47.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2018	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	7	608.00

San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	RA_and_Energy	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2019	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2020	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2021	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2022	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	9	608.00

San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2023	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2024	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2025	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	11	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2026	12	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	1	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	2	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	3	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	4	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	5	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	6	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	7	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	8	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	9	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	10	608.00
San Diego Gas and Electric	OTMESA_2_PL1X3	LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	11	608.00

San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2027	12	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	1	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	2	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	3	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	4	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	5	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	6	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	7	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	8	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	9	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	10	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	11	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2028	12	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	1	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	2	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	3	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	4	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	5	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	6	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	7	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	8	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	9	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	10	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	11	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2029	12	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	1	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	2	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	3	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	4	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	5	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	6	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	7	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	8	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	9	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	10	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	11	608.00	
San Diego Gas and Electric	OTMESA_2_PL1X3			LSE_Owned	Otay Mesa Energy Center	Existing_CAISO_CCGT1	608.00	2030	12	608.00	
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2018	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	1	125.00	21.43

San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2019	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	2	125.00	26.14
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2020	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2021	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2022	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	3	125.00	31.39

San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	5	125.00	40.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	6	125.00	40.01
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2023	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	2	125.00	26.14
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	4	125.00	36.60
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2024	10	125.00	28.75
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	5	125.00	40.57

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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	9	125.00	31.58
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	10	125.00	28.75
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2027	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	2	125.00	26.14
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	4	125.00	36.60
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	5	125.00	40.57
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	8	125.00	36.93
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2028	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	4	125.00	36.60
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	7	125.00	38.67
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	8	125.00	36.93
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	9	125.00	31.58
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	11	125.00	21.68
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2029	12	125.00	19.57
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2030	1	125.00	21.43
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2030	2	125.00	25.24
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2030	3	125.00	31.39
San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2030	4	125.00	36.60
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San Diego Gas and Electric	CNTNLA_2_SOLAR1	SD5001	SDG00050	RA_and_Energy	Centinela Solar Energy 1 LLC	Existing_CAISO_SolarTracking	125.00	2030	12	125.00	19.57
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	1	16.50	0.6
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	2	16.50	1.32
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	3	16.50	2.01
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	4	16.50	2.7
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	5	16.50	2.74
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	6	16.50	2.95
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	7	16.50	3.34

San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	8	16.50	3.16
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	9	16.50	2.33
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	10	16.50	1.91
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	11	16.50	1.23
San Diego Gas and Electric	GARNET_1_UNITS	SD7003	SDGE00108	RA_and_Energy	Green Power Wind	Existing_CAISO_Wind	16.50	2018	12	16.50	0.86
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	1	6.10	5.21
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	2	6.10	4.69
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	3	6.10	5.02
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	4	6.10	5.04
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	5	6.10	5.1
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	6	6.10	4.86
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	7	6.10	6.04
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	8	6.10	5.7
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	9	6.10	5.79
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	10	6.10	4.84
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	11	6.10	5.47
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2018	12	6.10	4.94
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	1	6.10	6.01
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	2	6.10	5.81
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	3	6.10	6.44
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	4	6.10	5.73
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	5	6.10	6.77
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	6	6.10	5.97
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	7	6.10	7.4
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	8	6.10	6.97
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	9	6.10	7.1
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	10	6.10	6.14
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	11	6.10	6.36
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2019	12	6.10	6.3
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	1	6.10	6.11
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	2	6.10	6.27
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	3	6.10	5.77
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	4	6.10	6.25
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	5	6.10	6.46
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	6	6.10	6.27
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	7	6.10	6.76
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	8	6.10	7.4
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	9	6.10	7.1
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	10	6.10	6.16
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	11	6.10	6.25
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2020	12	6.10	6.2
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	1	6.10	6.3
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	2	6.10	5.68
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	3	6.10	6.57
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	4	6.10	5.79
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	5	6.10	6.28
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	6	6.10	6.39
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	7	6.10	6.91
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	8	6.10	7.25
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	9	6.10	6.68

San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	10	6.10	6.57
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	11	6.10	6.27
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2021	12	6.10	6.11
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	1	6.10	6.38
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	2	6.10	5.64
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	3	6.10	6.43
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	4	6.10	5.82
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	5	6.10	6.32
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	6	6.10	5.88
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	7	6.10	7.4
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	8	6.10	7.09
San Diego Gas and Electric	CPSTNO_7_PRMADS	SD1009	SDGE00159	RA_and_Energy	Prima Desheche Energy	Existing_CAISO_Biomass	6.10	2022	9	6.10	7.1
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2018	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2019	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	2	140.00	17.78
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2020	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	2	140.00	17.16

San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2021	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2022	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2023	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	2	140.00	17.78
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2024	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	4	140.00	33.93

San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2025	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2026	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2027	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	2	140.00	17.78
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2028	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	6	140.00	37.55

San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2029	12	140.00	21.56
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	1	140.00	15.13
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	2	140.00	17.16
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	3	140.00	27.74
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	4	140.00	33.93
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	5	140.00	36.7
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	6	140.00	37.55
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	7	140.00	28.96
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	8	140.00	24.36
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	9	140.00	18.88
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	10	140.00	20.79
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	11	140.00	17.51
San Diego Gas and Electric	ROSMDW_2_WIND1	SD7014	SDGE00040	RA_and_Energy	Pacific Wind	Existing_CAISO_Wind	140.00	2030	12	140.00	21.56
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	1	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	2	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	3	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	4	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	5	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	6	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	7	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	8	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	9	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	10	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	11	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2018	12	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	1	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	2	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	3	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	4	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	5	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	6	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	7	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	8	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	9	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	10	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	11	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2019	12	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	1	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	2	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	3	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	4	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	5	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	6	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	7	106.50	
San Diego Gas and Electric		SD7005	SDGE00016	Energy_Only	Glacier Wind 1		106.50	2020	8	106.50	

San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2020	9	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2020	10	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2020	11	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2020	12	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	1	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	2	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	3	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	4	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	5	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	6	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	7	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	8	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	9	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	10	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	11	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2021	12	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	1	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	2	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	3	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	4	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	5	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	6	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	7	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	8	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	9	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	10	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	11	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2022	12	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	1	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	2	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	3	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	4	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	5	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	6	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	7	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	8	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	9	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	10	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	11	106.50
San Diego Gas and Electric	SD7005	SDGE00016	Energy_Only	Glacier Wind 1	106.50	2023	12	106.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	1	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	2	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	3	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	4	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	5	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	6	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	7	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	8	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	9	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	10	103.50

San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	11	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2018	12	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	1	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	2	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	3	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	4	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	5	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	6	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	7	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	8	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	9	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	10	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	11	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2019	12	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	1	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	2	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	3	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	4	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	5	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	6	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	7	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	8	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	9	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	10	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	11	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2020	12	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	1	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	2	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	3	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	4	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	5	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	6	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	7	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	8	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	9	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	10	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	11	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2021	12	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	1	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	2	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	3	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	4	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	5	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	6	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	7	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	8	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	9	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	10	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	11	103.50
San Diego Gas and Electric	SD7006	SDGE00017	Energy_Only	Galcier Wind 2	103.50	2022	12	103.50

San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	1	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	2	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	3	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	4	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	5	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	6	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	7	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	8	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	9	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	10	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	11	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2023	12	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	1	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	2	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	3	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	4	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	5	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	6	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	7	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	8	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	9	103.50	
San Diego Gas and Electric		SD7006	SDGE00017	Energy_Only	Galcier Wind 2		103.50	2024	10	103.50	
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	OTAY_6_UNITB1	SD1000	SDGE00001	RA_and_Energy	Otay Landfill I	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	1	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	2	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	3	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	4	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	5	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	6	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	7	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	8	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	9	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	10	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	11	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2018	12	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2019	1	189.00	

San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2019	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2020	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2021	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2022	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	3	189.00

San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2023	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2024	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2025	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	5	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	6	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	7	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	8	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	9	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	10	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	11	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2026	12	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2027	1	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2027	2	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2027	3	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2027	4	189.00
San Diego Gas and Electric	SD7007	SDGE00046	Energy_Only	Rim Rock Wind	189.00	2027	5	189.00

San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	6	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	7	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	8	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	9	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	10	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	11	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2027	12	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	1	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	2	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	3	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	4	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	5	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	6	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	7	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	8	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	9	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	10	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	11	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2028	12	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	1	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	2	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	3	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	4	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	5	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	6	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	7	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	8	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	9	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	10	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	11	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2029	12	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	1	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	2	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	3	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	4	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	5	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	6	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	7	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	8	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	9	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	10	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	11	189.00	
San Diego Gas and Electric		SD7007	SDGE00046	Energy_Only	Rim Rock Wind		189.00	2030	12	189.00	
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93

San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	4	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	5	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	6	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	7	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	8	1.50	0.96
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	9	1.50	0.87
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	10	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	11	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2019	12	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	1	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	2	1.50	0.71
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	3	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	4	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	5	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	6	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	7	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	8	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	9	1.50	0.89
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	10	1.50	0.78
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	11	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2020	12	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	1	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	2	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	3	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	4	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	5	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	6	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	7	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	8	1.50	0.92
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	9	1.50	0.90
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	10	1.50	0.78
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	11	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2021	12	1.50	0.78
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	1	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	2	1.50	0.69
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	3	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	4	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	5	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	6	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	7	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	8	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	9	1.50	0.92

San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	10	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	11	1.50	0.77
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2022	12	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	1	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	2	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	3	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	4	1.50	0.78
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	5	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	6	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	8	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	9	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	10	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	11	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2023	12	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	1	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	2	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	3	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	4	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	5	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	6	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	8	1.50	0.90
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	9	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	10	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	11	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2024	12	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	1	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	2	1.50	0.67
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	3	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	4	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	5	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	6	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	7	1.50	0.89
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	8	1.50	0.91
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	9	1.50	0.87
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	10	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	11	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2025	12	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	1	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	2	1.50	0.70
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	3	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	4	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	5	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	6	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	7	1.50	0.90
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	8	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	9	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	10	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	11	1.50	0.72

San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2026	12	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	1	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	2	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	3	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	4	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	5	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	6	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	8	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	9	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	10	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	11	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2027	12	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	1	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	2	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	3	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	4	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	5	1.50	0.79
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	6	1.50	0.76
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	8	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	9	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	10	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	11	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2028	12	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	1	1.50	0.80
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	2	1.50	0.70
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	3	1.50	0.84
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	4	1.50	0.73
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	5	1.50	0.82
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	6	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	8	1.50	0.90
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	9	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	10	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	11	1.50	0.73
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2029	12	1.50	0.81
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	1	1.50	0.77
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	2	1.50	0.71
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	3	1.50	0.83
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	4	1.50	0.73
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	5	1.50	0.86
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	6	1.50	0.75
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	7	1.50	0.93
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	8	1.50	0.90
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	9	1.50	0.88
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	10	1.50	0.85
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	11	1.50	0.72
San Diego Gas and Electric	CHILLS_1_SYCENG	SD1004	SDGE00004	RA_and_Energy	Sycamore LandFill 1	Existing_CAISO_Biomass	1.50	2030	12	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1012	SDGE00111	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79

San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1013	SDGE00112	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1014	SDGE00113	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1015	SDGE00114	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1016	SDGE00115	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1017	SDGE00116	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1018	SDGE00117	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1019	SDGE00118	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1020	SDGE00119	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1021	SDGE00120	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1022	SDGE00121	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1023	SDGE00122	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1024	SDGE00123	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1025	SDGE00124	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1026	SDGE00125	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1027	SDGE00126	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	4	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1028	SDGE00127	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	5	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1029	SDGE00128	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	6	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1030	SDGE00129	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	7	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1031	SDGE00130	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	8	1.50	0.96
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1032	SDGE00131	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	9	1.50	0.87
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1033	SDGE00132	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	10	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1034	SDGE00133	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	11	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1035	SDGE00134	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2019	12	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1036	SDGE00135	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	1	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1037	SDGE00136	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	2	1.50	0.71
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1038	SDGE00137	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	3	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1039	SDGE00138	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	4	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1040	SDGE00139	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	5	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1041	SDGE00140	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	6	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1042	SDGE00141	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	7	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1043	SDGE00142	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	8	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1044	SDGE00143	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	9	1.50	0.89
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1045	SDGE00144	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	10	1.50	0.78
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1046	SDGE00145	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	11	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1047	SDGE00146	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2020	12	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1048	SDGE00147	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	1	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1049	SDGE00148	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	2	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1050	SDGE00149	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	3	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1051	SDGE00150	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	4	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1052	SDGE00151	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	5	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1053	SDGE00152	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	6	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1054	SDGE00153	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	7	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1055	SDGE00154	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	8	1.50	0.92
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1056	SDGE00155	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	9	1.50	0.90
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1057	SDGE00156	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	10	1.50	0.78
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1058	SDGE00157	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	11	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1059	SDGE00158	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2021	12	1.50	0.78
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1060	SDGE00159	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	1	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1061	SDGE00160	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	2	1.50	0.69
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1062	SDGE00161	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	3	1.50	0.85

San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1063	SDGE00162	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	4	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1064	SDGE00163	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	5	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1065	SDGE00164	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	6	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1066	SDGE00165	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	7	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1067	SDGE00166	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	8	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1068	SDGE00167	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	9	1.50	0.92
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1069	SDGE00168	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	10	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1070	SDGE00169	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	11	1.50	0.77
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1071	SDGE00170	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2022	12	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1072	SDGE00171	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	1	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1073	SDGE00172	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	2	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1074	SDGE00173	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	3	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1075	SDGE00174	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	4	1.50	0.78
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1076	SDGE00175	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	5	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1077	SDGE00176	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	6	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1078	SDGE00177	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1079	SDGE00178	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	8	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1080	SDGE00179	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	9	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1081	SDGE00180	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	10	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1082	SDGE00181	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	11	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1083	SDGE00182	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2023	12	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1084	SDGE00183	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	1	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1085	SDGE00184	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	2	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1086	SDGE00185	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	3	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1087	SDGE00186	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	4	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1088	SDGE00187	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	5	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1089	SDGE00188	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	6	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1090	SDGE00189	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1091	SDGE00190	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	8	1.50	0.90
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1092	SDGE00191	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	9	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1093	SDGE00192	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	10	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1094	SDGE00193	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	11	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1095	SDGE00194	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2024	12	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1096	SDGE00195	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	1	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1097	SDGE00196	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	2	1.50	0.67
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1098	SDGE00197	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	3	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1099	SDGE00198	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	4	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1100	SDGE00199	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	5	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1101	SDGE00200	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	6	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1102	SDGE00201	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	7	1.50	0.89
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1103	SDGE00202	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	8	1.50	0.91
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1104	SDGE00203	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	9	1.50	0.87
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1105	SDGE00204	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	10	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1106	SDGE00205	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	11	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1107	SDGE00206	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2025	12	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1108	SDGE00207	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	1	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1109	SDGE00208	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	2	1.50	0.70
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1110	SDGE00209	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	3	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1111	SDGE00210	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	4	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1112	SDGE00211	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	5	1.50	0.83

San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1113	SDGE00212	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	6	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1114	SDGE00213	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	7	1.50	0.90
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1115	SDGE00214	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	8	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1116	SDGE00215	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	9	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1117	SDGE00216	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	10	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1118	SDGE00217	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	11	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1119	SDGE00218	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2026	12	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1120	SDGE00219	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	1	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1121	SDGE00220	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	2	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1122	SDGE00221	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	3	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1123	SDGE00222	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	4	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1124	SDGE00223	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	5	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1125	SDGE00224	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	6	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1126	SDGE00225	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1127	SDGE00226	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	8	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1128	SDGE00227	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	9	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1129	SDGE00228	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	10	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1130	SDGE00229	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	11	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1131	SDGE00230	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2027	12	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1132	SDGE00231	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	1	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1133	SDGE00232	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	2	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1134	SDGE00233	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	3	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1135	SDGE00234	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	4	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1136	SDGE00235	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	5	1.50	0.79
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1137	SDGE00236	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	6	1.50	0.76
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1138	SDGE00237	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1139	SDGE00238	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	8	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1140	SDGE00239	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	9	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1141	SDGE00240	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	10	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1142	SDGE00241	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	11	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1143	SDGE00242	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2028	12	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1144	SDGE00243	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	1	1.50	0.80
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1145	SDGE00244	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	2	1.50	0.70
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1146	SDGE00245	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	3	1.50	0.84
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1147	SDGE00246	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	4	1.50	0.73
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1148	SDGE00247	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	5	1.50	0.82
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1149	SDGE00248	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	6	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1150	SDGE00249	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	7	1.50	0.93
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1151	SDGE00250	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	8	1.50	0.90
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1152	SDGE00251	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	9	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1153	SDGE00252	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	10	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1154	SDGE00253	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	11	1.50	0.73
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1155	SDGE00254	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2029	12	1.50	0.81
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1156	SDGE00255	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	1	1.50	0.77
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1157	SDGE00256	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	2	1.50	0.71
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1158	SDGE00257	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	3	1.50	0.83
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1159	SDGE00258	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	4	1.50	0.73
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1160	SDGE00259	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	5	1.50	0.86
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1161	SDGE00260	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	6	1.50	0.75
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1162	SDGE00261	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	7	1.50	0.93

San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1163	SDGE00262	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	8	1.50	0.90
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1164	SDGE00263	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	9	1.50	0.88
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1165	SDGE00264	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	10	1.50	0.85
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1166	SDGE00265	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	11	1.50	0.72
San Diego Gas and Electric	SMRCOS_6_LNDFIL	SD1167	SDGE00266	RA_and_Energy	San Marcos landfill	Existing_CAISO_Biomass	1.50	2030	12	1.50	0.81
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2018	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2019	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	2	7.50	1.44
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2020	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	9	7.50	1.62

San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2021	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2022	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2023	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	2	7.50	1.44
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	11	7.50	1.5
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2024	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	2	7.50	1.39
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	3	7.50	2.51
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	4	7.50	2.86
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	5	7.50	3.12
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	6	7.50	3.21
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	7	7.50	2.72
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	8	7.50	2.24
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	9	7.50	1.62
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	10	7.50	1.59
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	11	7.50	1.5

San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2025	12	7.50	1.71
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2026	1	7.50	1.23
San Diego Gas and Electric	MIDWD_7_CORAMB	SD7015	SDGE00019	RA_and_Energy	Coram Wind	Existing_CAISO_Wind	7.50	2026	2	7.50	1.34
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2018	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2019	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	2	26.00	4.67
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2020	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	11	26.00	4.07

San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2021	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2022	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2023	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	2	26.00	4.67
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2024	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2025	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	1	26.00	3.62

San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2026	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	6	26.00	7.87
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San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2027	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	2	26.00	4.67
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2028	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	3	26.00	6.41
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2029	12	26.00	2.93
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	1	26.00	3.62
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	2	26.00	4.51
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	3	26.00	6.41

San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	4	26.00	7.08
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	5	26.00	7.73
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	6	26.00	7.87
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	7	26.00	7.77
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	8	26.00	7.27
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	9	26.00	5.9
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	10	26.00	5.3
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	11	26.00	4.07
San Diego Gas and Electric	BREGGO_6_SOLAR	SD5005	SDGE00060	RA_and_Energy	Borrego Solar	Existing_CAISO_SolarTracking	26.00	2030	12	26.00	2.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	4	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	5	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	7	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	8	1.50	0.96
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2019	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	5	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2020	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	3	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	5	1.50	0.80

San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	8	1.50	0.92
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	9	1.50	0.90
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2021	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	2	1.50	0.69
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	9	1.50	0.92
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	10	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	11	1.50	0.77
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2022	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	4	1.50	0.78
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2023	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	2	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	5	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	10	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	11	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2024	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	2	1.50	0.67
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	3	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	7	1.50	0.89

San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	8	1.50	0.91
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	11	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2025	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	7	1.50	0.90
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	10	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2026	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2027	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	3	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2028	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	3	1.50	0.84
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	5	1.50	0.82
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	9	1.50	0.88

San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	11	1.50	0.73
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2029	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	1	1.50	0.77
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_UNITB1	SD1001	SDGE00002	RA_and_Energy	Otay Landfill II	Existing_CAISO_Biomass	1.50	2030	12	1.50	0.81
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	2	6.30	1.02
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	11	6.30	0.94
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2018	12	6.30	0.71
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	2	6.30	1.02
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	11	6.30	0.94
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2019	12	6.30	0.71
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	2	6.30	1.06
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2020	11	6.30	0.94

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San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	2	6.30	1.02
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	4	6.30	1.36
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San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2021	11	6.30	0.94
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San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2024	2	6.30	1.06
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2024	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2024	4	6.30	1.36
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San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	2	6.30	1.06
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	11	6.30	0.94
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2028	12	6.30	0.71
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	2	6.30	1.02
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	3	6.30	1.30

San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	11	6.30	0.94
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2029	12	6.30	0.71
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	1	6.30	0.73
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	2	6.30	1.02
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	3	6.30	1.30
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	4	6.30	1.36
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	5	6.30	1.41
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	6	6.30	1.50
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	7	6.30	1.49
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	8	6.30	1.51
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	9	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	10	6.30	1.17
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	11	6.30	0.94
San Diego Gas and Electric	BREGGO_6_DEGRSL	SD5008	SDGE00059	RA_and_Energy	Desert Green Solar	Existing_CAISO_SolarTracking	6.30	2030	12	6.30	0.71
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	1	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	2	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	3	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	4	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	5	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	6	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	7	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	8	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		0.00	2018	9	0.00	0.00
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2018	10	20.00	0.25
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2018	11	20.00	2.49
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2018	12	20.00	2.27
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	1	20.00	2.65
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	2	20.00	2.76
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	3	20.00	4.69
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	4	20.00	5.11
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	5	20.00	5.67
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	6	20.00	5.53
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	7	20.00	5.21
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	8	20.00	4.21
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	9	20.00	4.26
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	10	20.00	3.81
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	11	20.00	2.49
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2019	12	20.00	2.27
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2020	1	20.00	2.65
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2020	2	20.00	2.85
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2020	3	20.00	4.69
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2020	4	20.00	5.11
San Diego Gas and Electric		SD5080	SDGE00163	Energy_Only	Midway Solar Farm III		26.00	2020	5	20.00	5.67

San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2020	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2021	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2022	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	5	20.00	5.67
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San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	10	20.00	3.81
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San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2023	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	2	20.00	2.85
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	5	20.00	5.67
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San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	7	20.00	5.21

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San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2024	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2025	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2026	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2027	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	2	20.00	2.85
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	9	20.00	4.26

San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2028	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2029	12	20.00	2.27
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	1	20.00	2.65
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	2	20.00	2.76
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	3	20.00	4.69
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	4	20.00	5.11
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	5	20.00	5.67
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	6	20.00	5.53
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	7	20.00	5.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	8	20.00	4.21
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	9	20.00	4.26
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	10	20.00	3.81
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	11	20.00	2.49
San Diego Gas and Electric	SD5080	SDGE00163	Energy_Only	Midway Solar Farm III	26.00	2030	12	20.00	2.27
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	1	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	2	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	3	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	4	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	5	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	6	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	7	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	8	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	9	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	10	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	11	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2018	12	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	1	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	2	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	3	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	4	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	5	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	6	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	0.00	2019	7	0.00	0.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2019	8	3.00	0.58
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2019	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2019	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2019	11	3.00	1.98

San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2019	12	3.00	2.04
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	1	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	2	3.00	1.91
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	3	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	4	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	5	3.00	2.04
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	6	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	7	3.00	2.19
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	10	3.00	2.07
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	11	3.00	1.92
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2020	12	3.00	2.07
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	1	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	2	3.00	1.84
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	3	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	4	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	5	3.00	1.97
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	6	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	7	3.00	2.19
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	11	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2021	12	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	1	3.00	2.04
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	2	3.00	1.84
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	3	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	4	3.00	1.95
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	5	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	6	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	7	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	10	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	11	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2022	12	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	1	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	2	3.00	1.83
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	3	3.00	2.06
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	4	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	5	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	6	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	7	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	11	3.00	1.96
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2023	12	3.00	2.04
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	1	3.00	2.01

San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	2	3.00	1.95
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	3	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	4	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	5	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	6	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	7	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	11	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2024	12	3.00	2.00
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	1	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	2	3.00	1.84
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	3	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	4	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	5	3.00	2.01
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	6	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	7	3.00	2.19
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	11	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2025	12	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	1	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	2	3.00	1.84
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	3	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	4	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	5	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	6	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	7	3.00	2.19
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	11	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2026	12	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	1	3.00	2.03
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	2	3.00	1.84
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	3	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	4	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	5	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	6	3.00	1.94
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	7	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	8	3.00	2.23
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	9	3.00	2.16
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	10	3.00	2.05
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	11	3.00	1.98
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2027	12	3.00	2.02
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2028	1	3.00	2.04
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2028	2	3.00	1.90
San Diego Gas and Electric	SD1029	SDGE00181	Energy_Only	Lakeside Biogas	3.00	2028	3	3.00	2.06

San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	4	3.00	1.94
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	5	3.00	2.05
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	6	3.00	1.94
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	7	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	8	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	9	3.00	2.16
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	10	3.00	2.05
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	11	3.00	1.96
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2028	12	3.00	2.04
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	1	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	2	3.00	1.88
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	3	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	4	3.00	1.98
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	5	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	6	3.00	1.98
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	7	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	8	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	9	3.00	2.16
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	10	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	11	3.00	2.02
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2029	12	3.00	2.00
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	1	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	2	3.00	1.88
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	3	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	4	3.00	1.98
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	5	3.00	2.01
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	6	3.00	1.98
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	7	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	8	3.00	2.23
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	9	3.00	2.16
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	10	3.00	2.05
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	11	3.00	2.02
San Diego Gas and Electric		SD1029	SDGE00181	Energy_Only	Lakeside Biogas		3.00	2030	12	3.00	2.00
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	1	45.00	7.62
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	2	45.00	8.97
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	3	45.00	11.49
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	4	45.00	13.16
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	5	45.00	14.47
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	6	45.00	14.24
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	7	45.00	13.64
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	8	45.00	13.15
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	9	45.00	11.02
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	10	45.00	10.11
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	11	45.00	7.82
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2018	12	45.00	6.99
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	1	45.00	7.62
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	2	45.00	8.97
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	3	45.00	11.49
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	4	45.00	13.16
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	5	45.00	14.47

San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	6	45.00	14.24
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	7	45.00	13.64
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San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2019	10	45.00	10.11
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San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2020	1	45.00	7.62
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2020	2	45.00	9.29
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San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	7	45.00	13.64
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	8	45.00	13.15
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	9	45.00	11.02
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	10	45.00	10.11
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	11	45.00	7.82
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2028	12	45.00	6.99
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	1	45.00	7.62
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	2	45.00	8.97
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	3	45.00	11.49
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	4	45.00	13.16
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	5	45.00	14.47
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	6	45.00	14.24
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	7	45.00	13.64
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	8	45.00	13.15
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	9	45.00	11.02
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	10	45.00	10.11
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	11	45.00	7.82
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2029	12	45.00	6.99
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	1	45.00	7.62
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	2	45.00	8.97
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	3	45.00	11.49
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	4	45.00	13.16
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	5	45.00	14.47
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	6	45.00	14.24
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	7	45.00	13.64
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	8	45.00	13.15
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	9	45.00	11.02
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	10	45.00	10.11
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	11	45.00	7.82
San Diego Gas and Electric	CNTNLA_2_SOLAR2	SD5002	SDG00053	Energy_Only	Centinela Solar Energy 2 LLC	Existing_CAISO_SolarTracking	45.00	2030	12	45.00	6.99
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	1	130.00	20.92
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	2	130.00	23.19
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	3	130.00	27.52
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	4	130.00	29.68
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	5	130.00	30.75
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	6	130.00	28.74
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	7	130.00	28.21
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	9	130.00	26.44
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	11	130.00	21.41

San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2018	12	130.00	19.67
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	1	130.00	20.92
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	2	130.00	23.19
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	3	130.00	27.52
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	4	130.00	29.68
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	5	130.00	30.75
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	6	130.00	28.74
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	7	130.00	28.21
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	9	130.00	26.44
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	11	130.00	21.41
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2019	12	130.00	19.67
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2020	2	130.00	24.01
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2020	3	130.00	27.52
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2020	4	130.00	29.68
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2020	11	130.00	21.41
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2021	11	130.00	21.41
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	7	130.00	28.21
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	9	130.00	26.44
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	11	130.00	21.41
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2022	12	130.00	19.67
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2023	6	130.00	28.74
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2023	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2023	9	130.00	26.44
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2023	11	130.00	21.41
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	5	130.00	30.75
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	6	130.00	28.74
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	7	130.00	28.21
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	9	130.00	26.44
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	11	130.00	21.41
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2024	12	130.00	19.67
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	1	130.00	20.92
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	2	130.00	23.19
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	3	130.00	27.52
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	4	130.00	29.68
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	11	130.00	21.41
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2025	12	130.00	19.67
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	1	130.00	20.92
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	2	130.00	23.19
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	3	130.00	27.52
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	4	130.00	29.68
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	5	130.00	30.75
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	6	130.00	28.74
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	7	130.00	28.21
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	8	130.00	28.57
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	9	130.00	26.44
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	10	130.00	26.03
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	11	130.00	21.41
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2026	12	130.00	19.67
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2027	1	130.00	20.92
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2027	2	130.00	23.19
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2027	3	130.00	27.52

San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2027	4	130.00	29.68
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2027	5	130.00	30.75
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San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2028	2	130.00	24.01
San Diego Gas and Electric	CSLR4S_2_SOLAR	SD5003	SDG00054	RA_and_Energy	CSolar IV South LLC	Existing_CAISO_SolarFixed	130.00	2028	3	130.00	27.52
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	1	150.00	21.72
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	2	150.00	11.26
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	3	150.00	27.95
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	4	150.00	15.88
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	5	150.00	31.76

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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	7	150.00	30.74
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	8	150.00	30.83
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	9	150.00	28.04
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	11	150.00	14.90
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2018	12	150.00	13.21
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2020	2	150.00	11.66
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2020	3	150.00	27.95
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	2	150.00	11.26
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	3	150.00	27.95
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	4	150.00	15.88
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	5	150.00	31.76
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	6	150.00	31.23
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	7	150.00	30.74
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	8	150.00	30.83
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	9	150.00	28.04
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	10	150.00	21.25
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	11	150.00	14.90
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2023	12	150.00	13.21
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	1	150.00	21.72
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	2	150.00	11.66
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	3	150.00	27.95
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	4	150.00	15.88
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	5	150.00	31.76
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	7	150.00	30.74
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	8	150.00	30.83
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2024	10	150.00	21.25
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San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2030	4	150.00	15.88
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2030	5	150.00	31.76
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2030	6	150.00	31.23
San Diego Gas and Electric	IVWEST_2_SOLAR1	SD5004	SDG00055	RA_and_Energy	CSolar IV West LLC	Existing_CAISO_SolarTracking	150.00	2030	7	150.00	30.74
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San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2018	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2019	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2019	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2019	3	265.30	48.83
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San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2020	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2021	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	1	265.30	24.61

San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2022	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2023	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	2	265.30	26.80
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2024	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2025	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	3	265.30	48.83

San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2026	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2027	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	2	265.30	26.80
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2028	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	5	265.30	80.96
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2029	12	265.30	18.94
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	1	265.30	24.61
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	2	265.30	25.88
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	3	265.30	48.83
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	4	265.30	68.64
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	5	265.30	80.96

San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	6	265.30	57.09
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	7	265.30	58.43
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	8	265.30	44.21
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	9	265.30	45.24
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	10	265.30	39.77
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	11	265.30	22.00
San Diego Gas and Electric	OCTILO_5_WIND	SD7016	SDG00052	RA_and_Energy	Ocotillo Express LLC	Existing_CAISO_Wind	265.30	2030	12	265.30	18.94
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	2	127.00	24.25
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	3	127.00	33.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	5	127.00	40.31
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	6	127.00	39.97
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	7	127.00	38.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	9	127.00	31.32
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	10	127.00	28.35
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	11	127.00	21.79
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2018	12	127.00	19.17
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	2	127.00	24.25
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	3	127.00	33.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	5	127.00	40.31
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	6	127.00	39.97
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	7	127.00	38.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	9	127.00	31.32
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	10	127.00	28.35
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	11	127.00	21.79
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2019	12	127.00	19.17
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	2	127.00	25.12
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	3	127.00	33.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	5	127.00	40.31
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	9	127.00	31.32
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	10	127.00	28.35
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2020	11	127.00	21.79
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2021	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2021	2	127.00	24.25
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2024	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2024	9	127.00	31.32
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2024	11	127.00	21.79
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2024	12	127.00	19.17
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2025	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2025	5	127.00	40.31
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2025	12	127.00	19.17
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2026	1	127.00	19.92
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2026	5	127.00	40.31
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San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	2	127.00	24.25
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	3	127.00	33.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	5	127.00	40.31
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	6	127.00	39.97
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	7	127.00	38.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	9	127.00	31.32
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	10	127.00	28.35
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	11	127.00	21.79

San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2029	12	127.00	19.17
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	1	127.00	19.92
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	2	127.00	24.25
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	3	127.00	33.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	4	127.00	36.54
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	5	127.00	40.31
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	6	127.00	39.97
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	7	127.00	38.11
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	8	127.00	36.38
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	9	127.00	31.32
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	10	127.00	28.35
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	11	127.00	21.79
San Diego Gas and Electric	ARLVAL_5_SOLAR	SD5032	SDG00086	Energy_Only	Arlington Valley Solar II LLC	Existing_CAISO_SolarTracking	127.00	2030	12	127.00	19.17
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	1	150.00	13.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	2	150.00	24.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	3	150.00	31.76
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	4	150.00	28.48
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	5	150.00	27.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	6	150.00	32.00
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	7	150.00	33.11
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	8	150.00	36.78
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	9	150.00	28.40
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	10	150.00	25.02
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	11	150.00	18.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2018	12	150.00	12.97
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	1	150.00	13.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	2	150.00	24.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	3	150.00	31.76
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	4	150.00	28.48
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	5	150.00	27.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	6	150.00	32.00
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	7	150.00	33.11
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	8	150.00	36.78
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	9	150.00	28.40
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	10	150.00	25.02
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	11	150.00	18.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2019	12	150.00	12.97
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	1	150.00	13.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	2	150.00	25.23
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	3	150.00	31.76
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	4	150.00	28.48
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	5	150.00	27.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	6	150.00	32.00
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	7	150.00	33.11
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	8	150.00	36.78
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	9	150.00	28.40
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	10	150.00	25.02
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	11	150.00	18.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2020	12	150.00	12.97
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	1	150.00	13.62

San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2021	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2022	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2023	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	2	150.00	25.23
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2024	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	3	150.00	31.76

San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2025	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2026	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2027	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	2	150.00	25.23
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	5	150.00	27.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	6	150.00	32.00
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	7	150.00	33.11
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	8	150.00	36.78
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	9	150.00	28.40
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	10	150.00	25.02
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	11	150.00	18.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2028	12	150.00	12.97
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	1	150.00	13.62
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	2	150.00	24.36
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	3	150.00	31.76
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	4	150.00	28.48
San Diego Gas and Electric	SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	5	150.00	27.62

San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	6	150.00	32.00
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	7	150.00	33.11
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	8	150.00	36.78
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	9	150.00	28.40
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	10	150.00	25.02
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	11	150.00	18.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2029	12	150.00	12.97
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	1	150.00	13.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	2	150.00	24.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	3	150.00	31.76
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	4	150.00	28.48
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	5	150.00	27.62
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	6	150.00	32.00
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	7	150.00	33.11
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	8	150.00	36.78
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	9	150.00	28.40
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	10	150.00	25.02
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	11	150.00	18.36
San Diego Gas and Electric		SD5034	SDG00061	Energy_Only	SG2 Imperial Valley LLC	Existing_CAISO_SolarTracking	150.00	2030	12	150.00	12.97
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2018	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2019	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	2	156.00	35.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	7	156.00	28.30

San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2020	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2021	12	156.00	34.74
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San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2022	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2023	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	2	156.00	35.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	9	156.00	30.25

San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2024	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2025	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2026	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2027	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	2	156.00	35.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	11	156.00	35.05

San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2028	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2029	12	156.00	34.74
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	1	156.00	44.49
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	2	156.00	34.27
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	3	156.00	41.73
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	4	156.00	46.16
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	5	156.00	44.47
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	6	156.00	35.38
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	7	156.00	28.30
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	8	156.00	21.64
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	9	156.00	30.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	10	156.00	32.25
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	11	156.00	35.05
San Diego Gas and Electric	ENERSJ_2_WIND	SD5081	SDG00182	RA_and_Energy	Energia Sierra Juarez LLC	Existing_CAISO_Wind	156.00	2030	12	156.00	34.74
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2018	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2019	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	1	2.00	0.22

San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	2	2.00	0.31
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2020	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2021	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2022	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2023	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	2	2.00	0.31
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	3	2.00	0.41

San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2024	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2025	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2026	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2027	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	2	2.00	0.31
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	5	2.00	0.41

San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2028	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2029	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	1	2.00	0.22
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	2	2.00	0.30
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	3	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	4	2.00	0.45
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	5	2.00	0.41
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	6	2.00	0.49
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	7	2.00	0.52
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	8	2.00	0.48
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	9	2.00	0.38
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	10	2.00	0.35
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	11	2.00	0.27
San Diego Gas and Electric	CRELMN_6_RAMON1	SD5026	SDG00081	RA_and_Energy	Sol Orchard 20 LLC (Ramona 1)	Existing_CAISO_SolarTracking	2.00	2030	12	2.00	0.24
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2018	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	7	5.00	1.29

San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2019	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	2	5.00	0.77
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2020	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2021	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2022	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	9	5.00	0.95

San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2023	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	2	5.00	0.77
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	8	5.00	1.21
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2024	11	5.00	0.68
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2025	5	5.00	1.01
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2025	7	5.00	1.29
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2025	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2025	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2025	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2026	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	11	5.00	0.68

San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2027	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	2	5.00	0.77
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	7	5.00	1.29
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2028	11	5.00	0.68
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San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2029	12	5.00	0.60
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	1	5.00	0.54
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	2	5.00	0.74
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	3	5.00	1.02
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	4	5.00	1.13
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	5	5.00	1.01
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	6	5.00	1.23
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	7	5.00	1.29
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	8	5.00	1.21
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	9	5.00	0.95
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	10	5.00	0.87
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	11	5.00	0.68
San Diego Gas and Electric	CRELMN_6_RAMON2	SD5027	SDG00082	RA_and_Energy	Sol Orchard 20 LLC (Ramona 2)	Existing_CAISO_SolarTracking	5.00	2030	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2018	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	1	2.50	0.27

San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2019	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	2	2.50	0.39
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2020	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2021	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2022	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	3	2.50	0.51

San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2023	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	2	2.50	0.39
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2024	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2025	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2026	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	5	2.50	0.51

San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2027	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	2	2.50	0.39
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2028	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2029	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	1	2.50	0.27
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	2	2.50	0.37
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	3	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	4	2.50	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	5	2.50	0.51
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	6	2.50	0.62
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	7	2.50	0.64
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	8	2.50	0.61
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	9	2.50	0.48
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	10	2.50	0.43
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	11	2.50	0.34
San Diego Gas and Electric	VLCNTR_6_VCSLR1	SD5028	SDG00083	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 1)	Existing_CAISO_SolarTracking	2.50	2030	12	2.50	0.30
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	7	5.00	1.29

San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2018	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2019	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	2	5.00	0.77
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2020	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2021	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	9	5.00	0.95

San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2022	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2023	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	2	5.00	0.77
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2024	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2025	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	11	5.00	0.68

San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2026	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2027	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	2	5.00	0.77
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2028	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2029	12	5.00	0.60
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	1	5.00	0.54
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	2	5.00	0.74
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	3	5.00	1.02
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	4	5.00	1.13
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	5	5.00	1.01
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	6	5.00	1.23
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	7	5.00	1.29
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	8	5.00	1.21
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	9	5.00	0.95
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	10	5.00	0.87
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	11	5.00	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR2	SD5029	SDG00084	RA_and_Energy	Sol Orchard 20 LLC (Valley Center 2)	Existing_CAISO_SolarTracking	5.00	2030	12	5.00	0.60
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	1	109.40	15.88

San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	2	109.40	19.17
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	3	109.40	23.82
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	4	109.40	23.97
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	5	109.40	26.83
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	6	109.40	26.59
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	7	109.40	27.03
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	8	109.40	26.05
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	9	109.40	24.39
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	10	109.40	21.69
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2018	12	109.40	16.93
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2019	1	109.40	15.88
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San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2023	12	109.40	16.93
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	1	109.40	15.88
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	2	109.40	19.85
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San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	8	109.40	26.05
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	9	109.40	24.39
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	10	109.40	21.69
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2024	12	109.40	16.93
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San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2027	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2027	12	109.40	16.93
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	1	109.40	15.88
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	2	109.40	19.85
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	3	109.40	23.82
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	4	109.40	23.97
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	5	109.40	26.83
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	6	109.40	26.59
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	7	109.40	27.03
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	8	109.40	26.05
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	9	109.40	24.39
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	10	109.40	21.69
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2028	12	109.40	16.93
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	1	109.40	15.88
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	2	109.40	19.17
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	3	109.40	23.82
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	4	109.40	23.97
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	5	109.40	26.83
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	6	109.40	26.59
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	7	109.40	27.03
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	8	109.40	26.05
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	9	109.40	24.39
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	10	109.40	21.69
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2029	12	109.40	16.93
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	1	109.40	15.88
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	2	109.40	19.17
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	3	109.40	23.82
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	4	109.40	23.97
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	5	109.40	26.83
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	6	109.40	26.59
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	7	109.40	27.03

San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	8	109.40	26.05
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	9	109.40	24.39
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	10	109.40	21.69
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	11	109.40	19.26
San Diego Gas and Electric	CATLNA_2_SOLAR	SD5033	SDG00087	RA_and_Energy	Catalina Solar LLC	Existing_CAISO_SolarFixed	109.40	2030	12	109.40	16.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	4	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	5	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	7	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	8	1.50	0.96
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2019	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	5	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2020	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	3	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	5	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	8	1.50	0.92
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	9	1.50	0.90

San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2021	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	2	1.50	0.69
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	9	1.50	0.92
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	10	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	11	1.50	0.77
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2022	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	4	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2023	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	2	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	5	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	10	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	11	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2024	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	2	1.50	0.67
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	3	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	7	1.50	0.89
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	8	1.50	0.91
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	11	1.50	0.76

San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2025	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	7	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	10	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2026	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2027	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	3	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2028	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	3	1.50	0.84
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	5	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	11	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2029	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	1	1.50	0.77

San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL5	SD1013	SDG00117	Energy_Only	Otay Landfill V	Existing_CAISO_Biomass	1.50	2030	12	1.50	0.81
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2018	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2019	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	2	200.00	37.87
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2020	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	3	200.00	48.36

San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2021	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2022	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2023	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	2	200.00	37.87
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2024	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	5	200.00	63.05

San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2025	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2026	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2027	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	2	200.00	37.87
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2028	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	7	200.00	59.46

San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2029	12	200.00	26.41
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	1	200.00	29.95
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	2	200.00	36.57
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	3	200.00	48.36
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	4	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	5	200.00	63.05
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	6	200.00	61.38
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	7	200.00	59.46
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	8	200.00	55.92
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	9	200.00	45.48
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	10	200.00	41.85
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	11	200.00	31.20
San Diego Gas and Electric	IVSLRP_2_SOLAR1	SD5037	SDG00101	RA_and_Energy	Imperial Valley Solar I LLC (Mount Signal)	Existing_CAISO_SolarTracking	200.00	2030	12	200.00	26.41
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	1	189.00	12.48
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	2	189.00	14.64
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	3	189.00	23.52
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	4	189.00	27.92
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	5	189.00	30.44
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	6	189.00	35.33
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	7	189.00	28.53
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	8	189.00	23.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	9	189.00	9.87
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	10	189.00	11.04
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	11	189.00	9.68
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2018	12	189.00	16.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	1	189.00	12.48
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	2	189.00	14.64
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	3	189.00	23.52
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	4	189.00	27.92
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	5	189.00	30.44
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	6	189.00	35.33
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	7	189.00	28.53
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	8	189.00	23.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	9	189.00	9.87
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	10	189.00	11.04
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	11	189.00	9.68
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2019	12	189.00	16.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	1	189.00	12.48
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	2	189.00	15.16
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	3	189.00	23.52
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	4	189.00	27.92
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	5	189.00	30.44
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	6	189.00	35.33
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	7	189.00	28.53
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	8	189.00	23.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	9	189.00	9.87

San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	10	189.00	11.04
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	11	189.00	9.68
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2020	12	189.00	16.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	1	189.00	12.48
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	2	189.00	14.64
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	3	189.00	23.52
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	4	189.00	27.92
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	5	189.00	30.44
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	6	189.00	35.33
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	7	189.00	28.53
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	8	189.00	23.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	9	189.00	9.87
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	10	189.00	11.04
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2021	11	189.00	9.68
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San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2022	2	189.00	14.64
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2022	3	189.00	23.52
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San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2025	4	189.00	27.92
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San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2027	4	189.00	27.92
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San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	3	189.00	23.52
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	4	189.00	27.92
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	5	189.00	30.44
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	6	189.00	35.33
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	7	189.00	28.53
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	8	189.00	23.78
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	9	189.00	9.87
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	10	189.00	11.04
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	11	189.00	9.68
San Diego Gas and Electric	MANZNA_2_WIND	SD7019	SDG00100	RA_and_Energy	Manzana Wind LLC	Existing_CAISO_Wind	189.00	2030	12	189.00	16.78
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2018	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2019	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	2	20.00	4.33
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	3	20.00	5.59

San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2020	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2021	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2022	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2023	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	2	20.00	4.33
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	5	20.00	6.71

San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2024	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2025	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2026	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2027	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	2	20.00	4.33
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	7	20.00	6.47

San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2028	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2029	12	20.00	3.1
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	1	20.00	3.41
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	2	20.00	4.18
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	3	20.00	5.59
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	4	20.00	5.83
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	5	20.00	6.71
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	6	20.00	6.64
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	7	20.00	6.47
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	8	20.00	5.46
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	9	20.00	5.45
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	10	20.00	4.98
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	11	20.00	3.44
San Diego Gas and Electric	ANZA_6_SOLAR1	SD5050	SDG00128	Energy_Only	Tallbear Seville LLC	Existing_CAISO_SolarTracking	20.00	2030	12	20.00	3.1
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	1	20.00	2.65
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	2	20.00	2.76
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	3	20.00	4.69
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	4	20.00	5.11
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	5	20.00	5.67
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	6	20.00	5.53
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	7	20.00	5.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	8	20.00	4.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	9	20.00	4.26
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	10	20.00	3.81
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	11	20.00	2.49
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2018	12	20.00	2.27
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	1	20.00	2.30
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	2	20.00	2.38
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	3	20.00	4.14
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	4	20.00	4.26
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	5	20.00	5.04
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	6	20.00	4.89
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	7	20.00	4.61
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	8	20.00	3.78
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	9	20.00	3.82

San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	10	20.00	3.24
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	11	20.00	2.19
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2019	12	20.00	1.98
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	1	20.00	2.23
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	2	20.00	2.46
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	3	20.00	4.09
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	4	20.00	4.45
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	5	20.00	5.07
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	6	20.00	4.93
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	7	20.00	4.59
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	8	20.00	3.77
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	9	20.00	3.74
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	10	20.00	3.22
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	11	20.00	2.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2020	12	20.00	1.93
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	1	20.00	2.29
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	2	20.00	2.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	3	20.00	4.26
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	4	20.00	4.41
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	5	20.00	5.14
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	6	20.00	4.71
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	7	20.00	4.59
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	8	20.00	3.65
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	9	20.00	3.88
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	10	20.00	3.22
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	11	20.00	2.18
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2021	12	20.00	1.96
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	1	20.00	2.34
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	2	20.00	2.47
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	3	20.00	4.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	4	20.00	4.38
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	5	20.00	4.95
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	6	20.00	4.83
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	7	20.00	4.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	8	20.00	3.75
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	9	20.00	3.60
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	10	20.00	3.37
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	11	20.00	2.16
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2022	12	20.00	2.06
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	1	20.00	2.40
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	2	20.00	2.34
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	3	20.00	4.13
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	4	20.00	4.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	5	20.00	4.92
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	6	20.00	4.73
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	7	20.00	4.57
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	8	20.00	3.65
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	9	20.00	3.82
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	10	20.00	3.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	11	20.00	2.18

San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2023	12	20.00	1.99
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	1	20.00	2.37
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	2	20.00	2.46
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	3	20.00	4.15
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	4	20.00	4.26
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	5	20.00	4.94
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	6	20.00	4.88
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	7	20.00	4.61
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	8	20.00	3.63
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	9	20.00	3.79
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	10	20.00	3.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	11	20.00	2.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2024	12	20.00	1.97
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	1	20.00	2.40
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	2	20.00	2.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	3	20.00	4.12
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	4	20.00	4.26
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	5	20.00	4.94
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	6	20.00	4.88
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	7	20.00	4.57
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	8	20.00	3.63
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	9	20.00	3.79
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	10	20.00	3.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	11	20.00	2.21
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2025	12	20.00	1.92
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	1	20.00	2.37
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	2	20.00	2.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	3	20.00	3.96
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	4	20.00	4.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	5	20.00	4.94
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	6	20.00	4.88
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	7	20.00	4.41
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	8	20.00	3.65
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	9	20.00	3.89
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	10	20.00	3.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	11	20.00	2.24
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2026	12	20.00	1.93
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	1	20.00	2.31
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	2	20.00	2.42
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	3	20.00	4.00
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	4	20.00	4.51
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	5	20.00	4.95
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	6	20.00	4.70
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	7	20.00	4.68
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	8	20.00	3.64
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	9	20.00	3.86
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	10	20.00	3.48
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	11	20.00	2.13
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2027	12	20.00	2.03
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	1	20.00	2.33

San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	2	20.00	2.43
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	3	20.00	4.13
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	4	20.00	4.51
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	5	20.00	4.95
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	6	20.00	4.70
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	7	20.00	4.67
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	8	20.00	3.65
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	9	20.00	3.86
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	10	20.00	3.48
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	11	20.00	2.13
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2028	12	20.00	2.04
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	1	20.00	2.37
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	2	20.00	2.32
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	3	20.00	4.15
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	4	20.00	4.51
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	5	20.00	4.77
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	6	20.00	4.94
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	7	20.00	4.50
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	8	20.00	3.76
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	9	20.00	3.83
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	10	20.00	3.44
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	11	20.00	2.15
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2029	12	20.00	2.02
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	1	20.00	2.30
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	2	20.00	2.42
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	3	20.00	4.15
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	4	20.00	4.34
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	5	20.00	4.95
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	6	20.00	4.89
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	7	20.00	4.55
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	8	20.00	3.76
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	9	20.00	3.83
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	10	20.00	3.48
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	11	20.00	2.15
San Diego Gas and Electric	CALPSS_6_SOLAR1	SD5049	SDG00127	Energy_Only	Calipatria LLC	Existing_CAISO_SolarTracking	20.00	2030	12	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	1	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	2	20.00	2.10
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	3	20.00	1.40
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	4	20.00	2.04
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	5	20.00	1.68
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	6	20.00	1.16
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	7	20.00	1.12
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	8	20.00	1.46
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	9	20.00	1.36
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	10	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	11	20.00	1.22
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2018	12	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	1	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	2	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 1			RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	3	20.00	1.54

San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	4	20.00	1.58
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	5	20.00	1.42
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	7	20.00	0.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	8	20.00	0.92
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	9	20.00	0.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	10	20.00	1.28
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	11	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2019	12	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	1	20.00	2.34
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	2	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	4	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	5	20.00	1.22
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	7	20.00	0.60
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	8	20.00	0.78
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	9	20.00	0.84
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	10	20.00	1.10
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	11	20.00	1.92
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2020	12	20.00	2.28
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	1	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	2	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	3	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	4	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	5	20.00	1.18
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	7	20.00	0.50
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	8	20.00	0.54
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	9	20.00	0.94
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	10	20.00	0.72
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	11	20.00	2.02
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2021	12	20.00	2.30
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	1	20.00	2.02
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	2	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	3	20.00	1.94
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	4	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	5	20.00	1.18
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	7	20.00	0.30
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	8	20.00	0.76
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	9	20.00	0.86
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	10	20.00	1.08
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	11	20.00	2.06
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2022	12	20.00	2.06
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	1	20.00	2.16
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	2	20.00	1.90
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	3	20.00	2.08
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	4	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	5	20.00	1.50

San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	6	20.00	0.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	7	20.00	0.76
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	8	20.00	1.08
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	9	20.00	1.28
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	10	20.00	1.56
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	11	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2023	12	20.00	2.06
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	1	20.00	1.76
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	2	20.00	1.78
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	4	20.00	2.18
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	5	20.00	1.50
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	6	20.00	0.52
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	7	20.00	0.80
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	8	20.00	1.20
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	9	20.00	1.44
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	10	20.00	1.66
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	11	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2024	12	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	1	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	2	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	3	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	4	20.00	1.94
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	5	20.00	1.56
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	6	20.00	0.66
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	7	20.00	1.02
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	8	20.00	1.52
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	9	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	10	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	11	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2025	12	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	1	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	2	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	4	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	5	20.00	1.30
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	6	20.00	0.88
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	7	20.00	1.14
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	8	20.00	1.60
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	9	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	10	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	11	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2026	12	20.00	2.32
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	1	20.00	1.58
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	2	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	3	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	4	20.00	2.28
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	5	20.00	1.48
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	6	20.00	1.66
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	7	20.00	1.90

San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	8	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	9	20.00	2.30
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	10	20.00	2.10
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	11	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2027	12	20.00	2.60
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	1	20.00	1.84
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	2	20.00	2.52
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	3	20.00	2.54
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	4	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	5	20.00	1.58
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	6	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	7	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	8	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	9	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	10	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	11	20.00	2.34
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2028	12	20.00	2.44
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	1	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	2	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	3	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	4	20.00	2.16
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	5	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	6	20.00	1.70
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	7	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	8	20.00	2.42
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	9	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	10	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	11	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2029	12	20.00	2.46
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	1	20.00	2.60
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	2	20.00	2.48
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	3	20.00	1.90
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	4	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	5	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	6	20.00	1.50
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	7	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	8	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	9	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	10	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	11	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 1	RA_and_Energy	Lake Hodges Unit 1	Existing_CAISO_Unspecified	20.00	2030	12	20.00	2.46
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	1	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	2	20.00	2.10
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	3	20.00	1.40
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	4	20.00	2.04
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	5	20.00	1.68
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	6	20.00	1.16
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	7	20.00	1.12
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	8	20.00	1.46
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	9	20.00	1.36

San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	10	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	11	20.00	1.22
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2018	12	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	1	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	2	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	3	20.00	1.54
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	4	20.00	1.58
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	5	20.00	1.42
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	7	20.00	0.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	8	20.00	0.92
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	9	20.00	0.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	10	20.00	1.28
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	11	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2019	12	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	1	20.00	2.34
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	2	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	4	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	5	20.00	1.22
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	7	20.00	0.60
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	8	20.00	0.78
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	9	20.00	0.84
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	10	20.00	1.10
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	11	20.00	1.92
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2020	12	20.00	2.28
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	1	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	2	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	3	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	4	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	5	20.00	1.18
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	7	20.00	0.50
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	8	20.00	0.54
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	9	20.00	0.94
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	10	20.00	0.72
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	11	20.00	2.02
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2021	12	20.00	2.30
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	1	20.00	2.02
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	2	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	3	20.00	1.94
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	4	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	5	20.00	1.18
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	6	20.00	0.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	7	20.00	0.30
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	8	20.00	0.76
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	9	20.00	0.86
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	10	20.00	1.08
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	11	20.00	2.06

San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2022	12	20.00	2.06
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	1	20.00	2.16
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	2	20.00	1.90
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	3	20.00	2.08
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	4	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	5	20.00	1.50
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	6	20.00	0.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	7	20.00	0.76
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	8	20.00	1.08
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	9	20.00	1.28
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	10	20.00	1.56
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	11	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2023	12	20.00	2.06
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	1	20.00	1.76
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	2	20.00	1.78
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	4	20.00	2.18
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	5	20.00	1.50
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	6	20.00	0.52
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	7	20.00	0.80
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	8	20.00	1.20
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	9	20.00	1.44
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	10	20.00	1.66
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	11	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2024	12	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	1	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	2	20.00	1.72
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	3	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	4	20.00	1.94
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	5	20.00	1.56
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	6	20.00	0.66
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	7	20.00	1.02
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	8	20.00	1.52
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	9	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	10	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	11	20.00	1.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2025	12	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	1	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	2	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	3	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	4	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	5	20.00	1.30
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	6	20.00	0.88
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	7	20.00	1.14
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	8	20.00	1.60
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	9	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	10	20.00	1.98
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	11	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2026	12	20.00	2.32
San Diego Gas and Electric	LAKHDG_6_UNIT 2	RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	1	20.00	1.58

San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	2	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	3	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	4	20.00	2.28
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	5	20.00	1.48
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	6	20.00	1.66
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	7	20.00	1.90
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	8	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	9	20.00	2.30
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	10	20.00	2.10
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	11	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2027	12	20.00	2.60
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	1	20.00	1.84
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	2	20.00	2.52
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	3	20.00	2.54
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	4	20.00	2.00
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	5	20.00	1.58
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	6	20.00	1.62
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	7	20.00	1.82
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	8	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	9	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	10	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	11	20.00	2.34
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2028	12	20.00	2.44
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	1	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	2	20.00	2.56
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	3	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	4	20.00	2.16
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	5	20.00	1.80
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	6	20.00	1.70
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	7	20.00	2.14
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	8	20.00	2.42
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	9	20.00	2.12
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	10	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	11	20.00	2.40
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2029	12	20.00	2.46
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	1	20.00	2.60
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	2	20.00	2.48
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	3	20.00	1.90
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	4	20.00	2.26
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	5	20.00	1.74
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	6	20.00	1.50
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	7	20.00	2.22
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	8	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	9	20.00	2.20
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	10	20.00	2.36
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	11	20.00	2.24
San Diego Gas and Electric	LAKHDG_6_UNIT 2			RA_and_Energy	Lake Hodges Unit 2	Existing_CAISO_Unspecified	20.00	2030	12	20.00	2.46
San Diego Gas and Electric		SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		0.00	2018	1	0.00	0.00
San Diego Gas and Electric		SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		0.00	2018	2	0.00	0.00
San Diego Gas and Electric		SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		0.00	2018	3	0.00	0.00

San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	4	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	5	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	6	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	7	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	8	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	9	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	10	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	11	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2018	12	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	1	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	2	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	3	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	4	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	5	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	6	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	7	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	8	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	9	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	10	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	11	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2019	12	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	1	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	2	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	3	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	4	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	5	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	6	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	7	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	8	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	9	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	10	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	11	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2020	12	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2021	1	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2021	2	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	0.00	2021	3	0.00	0.00
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2021	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	5	105.00	29.93

San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2022	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2023	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	2	105.00	23.89
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2024	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2025	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	7	105.00	19.05

San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2026	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2027	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	2	105.00	23.89
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2028	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	9	105.00	20.36
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2029	12	105.00	23.38
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	1	105.00	29.94
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	2	105.00	23.06
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	3	105.00	28.09
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	4	105.00	31.07
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	5	105.00	29.93
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	6	105.00	23.81
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	7	105.00	19.05
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	8	105.00	14.56
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2	105.00	2030	9	105.00	20.36

San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		105.00	2030	10	105.00	21.71
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		105.00	2030	11	105.00	23.59
San Diego Gas and Electric	SD5081	SDGE00182	RA_and_Energy	Energia Sierra Juarez 2		105.00	2030	12	105.00	23.38
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	8	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	9	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2018	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	7	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	8	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	9	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2019	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	2	0.40	0.01
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	4	0.40	0.01
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	8	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	9	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	10	0.40	0.03
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2020	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	7	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	8	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	9	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	10	0.40	0.03
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	11	0.40	0.02

San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2021	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	8	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	9	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2022	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	7	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	8	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	9	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2023	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	5	0.40	0.01
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	8	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	9	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	10	0.40	0.04
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2024	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	7	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	8	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	9	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	10	0.40	0.03
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2025	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	1	0.40	0.02

San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	8	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	9	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2026	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	8	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	9	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2027	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	7	0.40	0.09
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	8	0.40	0.07
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	9	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2028	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	3	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	4	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	5	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	6	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	7	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	8	0.40	0.10
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	9	0.40	0.08
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	10	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	11	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2029	12	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	1	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	2	0.40	0.02
San Diego Gas and Electric	SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	3	0.40	0.02

San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	4	0.40	0.02
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	5	0.40	0.01
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	6	0.40	0.02
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	7	0.40	0.08
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	8	0.40	0.09
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	9	0.40	0.08
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	10	0.40	0.04
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	11	0.40	0.02
San Diego Gas and Electric		SD4007	SDGE00165	Energy_Only	San Francisco Peak Hydro (city of Oceanside)	Existing_CAISO_SmallHydro	0.40	2030	12	0.40	0.02
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	1	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	10	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2018	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	2	1.50	0.68
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	4	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	5	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	7	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	8	1.50	0.96
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2019	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	5	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	9	1.50	0.89
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2020	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	3	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	5	1.50	0.80

San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	8	1.50	0.92
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	9	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	10	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	11	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2021	12	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	2	1.50	0.69
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	3	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	6	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	7	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	8	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	9	1.50	0.92
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	10	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	11	1.50	0.77
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2022	12	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	1	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	4	1.50	0.78
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2023	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	2	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	5	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	10	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	11	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2024	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	1	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	2	1.50	0.67
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	3	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	4	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	7	1.50	0.89

San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	8	1.50	0.91
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	9	1.50	0.87
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	11	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2025	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	7	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	10	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2026	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	3	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	5	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	6	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2027	12	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	1	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	2	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	3	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	4	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	5	1.50	0.79
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	6	1.50	0.76
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	8	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	9	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	11	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2028	12	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	1	1.50	0.80
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	2	1.50	0.70
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	3	1.50	0.84
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	5	1.50	0.82
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	9	1.50	0.88

San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	10	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	11	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2029	12	1.50	0.81
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	1	1.50	0.77
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	2	1.50	0.71
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	3	1.50	0.83
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	4	1.50	0.73
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	5	1.50	0.86
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	6	1.50	0.75
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	7	1.50	0.93
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	8	1.50	0.90
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	9	1.50	0.88
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	10	1.50	0.85
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	11	1.50	0.72
San Diego Gas and Electric	OTAY_6_LNDFL6	SD1014	SDGE00118	Energy_Only	Otay Landfill VI	Existing_CAISO_Biomass	1.50	2030	12	1.50	0.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2018	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2019	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	2	18.50	3.94
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	11	18.50	3.24

San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2020	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2021	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2022	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	2	18.50	3.81
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San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2023	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	2	18.50	3.94
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2024	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	1	18.50	2.85

San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2025	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2026	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2027	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	2	18.50	3.94
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	6	18.50	6.05
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San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	8	18.50	5.49
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San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2028	12	18.50	2.86
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San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	3	18.50	4.96

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San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2029	12	18.50	2.86
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	1	18.50	2.85
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	2	18.50	3.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	3	18.50	4.96
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	4	18.50	5.23
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	5	18.50	6.08
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	6	18.50	6.05
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	7	18.50	5.87
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	8	18.50	5.49
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	9	18.50	4.81
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	10	18.50	4.20
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	11	18.50	3.24
San Diego Gas and Electric	DEVERS_1_SOLAR	SD5048	SDGE00124	Energy_Only	Cascade Solar	Existing_CAISO_SolarTracking	18.50	2030	12	18.50	2.86
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	1	4.50	1.51
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	2	4.50	1.56
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	3	4.50	1.50
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	4	4.50	1.57
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	5	4.50	1.52
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	6	4.50	1.55
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	7	4.50	1.99
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	8	4.50	1.93
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	9	4.50	1.92
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	10	4.50	1.53
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	11	4.50	1.65
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2018	12	4.50	1.52
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	1	4.50	1.65
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	2	4.50	1.33
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	3	4.50	1.62
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	4	4.50	1.51
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	5	4.50	1.69
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	6	4.50	1.44
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	7	4.50	1.99
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	8	4.50	1.93
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	9	4.50	1.92
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	10	4.50	1.60
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	11	4.50	1.56
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2019	12	4.50	1.60
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	1	4.50	1.59
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	2	4.50	1.45
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	3	4.50	1.64
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	4	4.50	1.46
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	5	4.50	1.61

San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	6	4.50	1.55
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	7	4.50	1.87
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	8	4.50	1.99
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	9	4.50	1.86
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	10	4.50	1.72
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	11	4.50	1.43
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2020	12	4.50	1.63
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	1	4.50	1.58
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	2	4.50	1.43
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	3	4.50	1.50
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	4	4.50	1.72
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	5	4.50	1.43
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	6	4.50	1.64
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	7	4.50	1.84
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	8	4.50	1.99
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	9	4.50	1.89
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	10	4.50	1.61
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	11	4.50	1.54
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2021	12	4.50	1.57
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	1	4.50	1.60
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	2	4.50	1.43
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	3	4.50	1.55
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	4	4.50	1.52
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	5	4.50	1.64
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	6	4.50	1.44
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	7	4.50	1.98
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	8	4.50	1.93
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	9	4.50	1.98
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	10	4.50	1.51
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	11	4.50	1.64
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2022	12	4.50	1.52
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2023	1	4.50	1.62
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2023	2	4.50	1.40
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2023	3	4.50	1.61
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2023	4	4.50	1.48
San Diego Gas and Electric	MSHGTS_6_MMARLF	SD1026	SDGE00126	RA_and_Energy	MM San Diego Miramar	Existing_CAISO_Biomass	4.50	2023	5	4.50	0.92
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	2	3.50	0.26
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	4	3.50	0.70
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2018	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	2	3.50	0.26

San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	4	3.50	0.70
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2019	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	2	3.50	0.27
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	4	3.50	0.70
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2020	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	2	3.50	0.26
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	4	3.50	0.70
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2021	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	2	3.50	0.26
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	4	3.50	0.70
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2022	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	1	3.50	0.22
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	2	3.50	0.26
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	3	3.50	0.55
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	4	3.50	0.70

San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	5	3.50	0.67
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	6	3.50	0.75
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	7	3.50	0.52
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	8	3.50	0.48
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	9	3.50	0.33
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	10	3.50	0.35
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	11	3.50	0.28
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2023	12	3.50	0.31
San Diego Gas and Electric	OAKWD_6_ZEPHWD	SD7029	SDGE00135	RA_and_Energy	Oak Creek Wind	Existing_CAISO_Wind	3.50	2024	1	3.50	0.21
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	2	11.20	1.61
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2018	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	2	11.20	1.61
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2019	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	2	11.20	1.66
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2020	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	2	11.20	1.61
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	5	11.20	3.77

San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2021	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	2	11.20	1.61
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2022	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	2	11.20	1.61
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2023	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	1	11.20	1.28
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	2	11.20	1.66
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	3	11.20	2.95
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	4	11.20	3.39
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	5	11.20	3.77
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	6	11.20	4.06
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	7	11.20	3.81
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	8	11.20	3.18
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	9	11.20	2.08
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	10	11.20	2.10
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	11	11.20	1.74
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2024	12	11.20	1.90
San Diego Gas and Electric	GARNET_2_WIND1	SD7030	SDGE00136	RA_and_Energy	San Gorgonio Westwinds II	Existing_CAISO_Wind	11.20	2025	1	11.20	1.24
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	1	20.00	1.65
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	2	20.00	2.84
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	3	20.00	4.58
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	4	20.00	4.87
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	5	20.00	5.91
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	6	20.00	5.53

San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	7	20.00	5.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	10	20.00	3.90
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	11	20.00	2.62
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2018	12	20.00	2.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	1	20.00	0.67
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	2	20.00	1.19
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	3	20.00	1.83
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	4	20.00	2.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	5	20.00	2.22
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	6	20.00	1.98
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	7	20.00	5.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	10	20.00	2.25
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	11	20.00	1.02
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2019	12	20.00	0.81
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	1	20.00	0.70
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	2	20.00	1.15
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	3	20.00	1.86
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	4	20.00	1.49
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	5	20.00	2.59
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	6	20.00	2.05
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	7	20.00	5.31
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	10	20.00	2.01
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	11	20.00	1.05
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2020	12	20.00	0.90
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	1	20.00	0.62
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	2	20.00	1.08
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	3	20.00	1.65
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	4	20.00	2.12
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	5	20.00	2.11
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	6	20.00	2.08
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	7	20.00	5.53
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	10	20.00	1.81
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	11	20.00	0.98
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2021	12	20.00	0.87
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	1	20.00	0.58
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	2	20.00	1.19
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	3	20.00	1.68
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	4	20.00	2.21
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	5	20.00	2.67
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	6	20.00	2.15
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	7	20.00	5.34
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	8	20.00	5.17

San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	10	20.00	1.73
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	11	20.00	1.06
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2022	12	20.00	0.87
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	1	20.00	0.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	2	20.00	0.96
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	3	20.00	2.02
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	4	20.00	2.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	5	20.00	2.55
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	6	20.00	2.11
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	7	20.00	5.54
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	10	20.00	1.52
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	11	20.00	1.25
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2023	12	20.00	0.84
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	1	20.00	0.68
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	2	20.00	1.27
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	3	20.00	1.72
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	4	20.00	2.24
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	5	20.00	2.09
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	6	20.00	2.44
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	7	20.00	5.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	10	20.00	1.90
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	11	20.00	1.08
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2024	12	20.00	0.98
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	1	20.00	0.70
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	2	20.00	1.16
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	3	20.00	1.72
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	4	20.00	2.40
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	5	20.00	2.10
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	6	20.00	2.44
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	7	20.00	4.91
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	10	20.00	1.90
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	11	20.00	1.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2025	12	20.00	0.91
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	1	20.00	0.68
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	2	20.00	1.16
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	3	20.00	1.72
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	4	20.00	2.40
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	5	20.00	2.29
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	6	20.00	2.36
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	7	20.00	4.99
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	10	20.00	1.90

San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	11	20.00	1.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2026	12	20.00	0.88
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	1	20.00	0.64
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	2	20.00	1.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	3	20.00	1.66
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	4	20.00	2.35
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	5	20.00	2.20
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	6	20.00	2.42
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	7	20.00	5.18
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	10	20.00	1.83
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	11	20.00	1.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2027	12	20.00	0.89
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	1	20.00	0.69
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	2	20.00	1.07
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	3	20.00	1.96
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	4	20.00	2.02
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	5	20.00	2.45
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	6	20.00	2.18
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	7	20.00	5.54
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	10	20.00	1.58
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	11	20.00	1.22
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2028	12	20.00	0.84
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	1	20.00	0.59
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	2	20.00	1.33
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	3	20.00	1.81
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	4	20.00	2.02
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	5	20.00	2.57
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	6	20.00	1.95
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	7	20.00	5.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	10	20.00	1.65
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	11	20.00	0.99
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2029	12	20.00	0.91
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	1	20.00	0.58
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	2	20.00	1.37
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	3	20.00	1.66
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	4	20.00	2.19
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	5	20.00	2.38
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	6	20.00	2.14
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	7	20.00	5.71
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	8	20.00	5.17
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	9	20.00	4.94
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	10	20.00	2.08
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	11	20.00	0.99
San Diego Gas and Electric	MARCPW_6_SOLAR1	SD5052	SDGE00137	RA_and_Energy	Maricopa West Solar	Existing_CAISO_SolarTracking	20.00	2030	12	20.00	0.40

San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2018	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2019	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	8	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	9	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2020	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	8	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	9	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2021	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	2	0.50	0.00

San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	9	0.50	0.04
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2022	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2023	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	8	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2024	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	7	0.50	0.04
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	8	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2025	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	4	0.50	0.00

San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	7	0.50	0.04
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2026	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	7	0.50	0.04
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	8	0.50	0.07
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	9	0.50	0.04
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	10	0.50	0.01
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2027	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	8	0.50	0.06
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2028	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	6	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	7	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	8	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	9	0.50	0.05
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	10	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	11	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2029	12	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	1	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	2	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	3	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	4	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	5	0.50	0.00
San Diego Gas and Electric	SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	6	0.50	0.00

San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	7	0.50	0.05
San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	8	0.50	0.05
San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	9	0.50	0.05
San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	10	0.50	0.01
San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	11	0.50	0.00
San Diego Gas and Electric		SD4006	SDGE00145	Energy_Only	Olivenhain Hydro	Existing_CAISO_SmallHydro	0.50	2030	12	0.50	0.00
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	1	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	2	2.30	1.05
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	3	2.30	1.27
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	4	2.30	1.09
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	5	2.30	1.29
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	6	2.30	1.08
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	7	2.30	1.40
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	8	2.30	1.33
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	9	2.30	1.34
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	10	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	11	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2018	12	2.30	1.17
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	1	2.30	1.21
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	2	2.30	1.02
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	3	2.30	1.24
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	4	2.30	1.27
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	5	2.30	1.22
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	6	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	7	2.30	1.32
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	8	2.30	1.44
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	9	2.30	1.30
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	10	2.30	1.28
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	11	2.30	1.08
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2019	12	2.30	1.21
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	1	2.30	1.23
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	2	2.30	1.06
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	3	2.30	1.24
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	4	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	5	2.30	1.13
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	6	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	7	2.30	1.29
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	8	2.30	1.39
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	9	2.30	1.34
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	10	2.30	1.17
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	11	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2020	12	2.30	1.18
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	1	2.30	1.20
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	2	2.30	1.08
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	3	2.30	1.22
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	4	2.30	1.14
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	5	2.30	1.20
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	6	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	7	2.30	1.29
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	8	2.30	1.38

San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	9	2.30	1.35
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	10	2.30	1.17
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	11	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2021	12	2.30	1.17
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	1	2.30	1.21
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	2	2.30	1.04
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	3	2.30	1.27
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	4	2.30	1.14
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	5	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	6	2.30	1.18
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	7	2.30	1.30
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	8	2.30	1.32
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	9	2.30	1.39
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	10	2.30	1.20
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	11	2.30	1.15
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2022	12	2.30	1.18
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	1	2.30	1.23
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	2	2.30	1.08
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	3	2.30	1.15
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	4	2.30	1.17
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	5	2.30	1.19
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	6	2.30	1.13
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	7	2.30	1.39
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	8	2.30	1.39
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	9	2.30	1.27
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	10	2.30	1.24
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	11	2.30	1.12
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2023	12	2.30	1.20
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2024	1	2.30	1.24
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2024	2	2.30	1.13
San Diego Gas and Electric	CHILLS_7_UNITA1	SD1028	SDGE00153	RA_and_Energy	Sycamore LandFill 2	Existing_CAISO_Biomass	2.30	2024	3	2.30	1.14
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2018	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	7	3.00	0.87

San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2019	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	2	3.00	0.39
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2020	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2021	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2022	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	9	3.00	0.58

San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2023	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	2	3.00	0.39
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2024	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2025	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2026	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	11	3.00	0.38

San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2027	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	2	3.00	0.39
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2028	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2029	12	3.00	0.35
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	1	3.00	0.37
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	2	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	3	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	4	3.00	0.84
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	5	3.00	0.74
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	6	3.00	0.88
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	7	3.00	0.87
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	8	3.00	0.81
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	9	3.00	0.58
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	10	3.00	0.59
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	11	3.00	0.38
San Diego Gas and Electric	LILIAC_6_SOLAR	SD5064	SDGE00159	Energy_Only	NLP Granger	Existing_CAISO_SolarTracking	3.00	2030	12	3.00	0.35
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2018	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	1	2.30	0.28

San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2019	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	2	2.30	0.31
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2020	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2021	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	6	2.30	0.68
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San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2022	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	3	2.30	0.57

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San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2023	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2024	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2024	2	2.30	0.31
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2024	3	2.30	0.57
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San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2024	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2024	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2025	1	2.30	0.28
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San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2027	5	2.30	0.58

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San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2027	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2027	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2027	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	2	2.30	0.31
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2028	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2029	12	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	1	2.30	0.28
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	2	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	3	2.30	0.57
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	4	2.30	0.66
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	5	2.30	0.58
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	6	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	7	2.30	0.68
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	8	2.30	0.63
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	9	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	10	2.30	0.45
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	11	2.30	0.29
San Diego Gas and Electric	VLCNTR_6_VCSLR	SD5065	SDGE00162	RA_and_Energy	NLP Valley Center Solar	Existing_CAISO_SolarFixed	2.30	2030	12	2.30	0.28
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	7	50.00	10.21

San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2018	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2019	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	2	50.00	13.40
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2020	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2021	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	9	50.00	7.46

San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2022	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2023	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	2	50.00	13.40
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2024	12	50.00	15.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	1	50.00	12.53
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	2	50.00	12.94
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	3	50.00	14.50
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	4	50.00	12.11
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	5	50.00	13.72
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	6	50.00	11.51
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	7	50.00	10.21
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	8	50.00	7.32
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	9	50.00	7.46
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	10	50.00	6.89
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	11	50.00	8.86
San Diego Gas and Electric	CRSTWD_6_KUMYAY	SD7004	SDGE00005	RA_and_Energy	Kumeyaay Wind	Existing_CAISO_Wind	50.00	2025	12	50.00	15.53
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	11	139.00	24.56

San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2018	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2019	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	2	139.00	27.98
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2020	8	139.00	33.14
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2021	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2021	3	139.00	33.31
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2021	5	139.00	35.29
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2023	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2023	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2023	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2023	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	2	139.00	27.98
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2024	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	9	139.00	30.27
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2025	12	139.00	23.23
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2026	4	139.00	33.82
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2026	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2026	7	139.00	31.46
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San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2027	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2027	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2027	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2027	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	2	139.00	27.98
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2028	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2029	12	139.00	23.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	1	139.00	24.30
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	2	139.00	27.01
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	3	139.00	33.31
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	4	139.00	33.82
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	5	139.00	35.29
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	6	139.00	33.23
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	7	139.00	31.46
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	8	139.00	33.14
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	9	139.00	30.27
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	10	139.00	30.55
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	11	139.00	24.56
San Diego Gas and Electric	CPVERD_2_SOLAR	SD5016	SDGE00041	RA_and_Energy	Campo Verde Solar	Existing_CAISO_SolarFixed	139.00	2030	12	139.00	23.23
San Diego Gas and Electric	OGROVE_6_PL1X2			RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	1	99.20	
San Diego Gas and Electric	OGROVE_6_PL1X2			RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	2	99.20	
San Diego Gas and Electric	OGROVE_6_PL1X2			RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	3	99.20	
San Diego Gas and Electric	OGROVE_6_PL1X2			RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	4	99.20	
San Diego Gas and Electric	OGROVE_6_PL1X2			RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	5	99.20	

San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2018	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2019	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2020	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2021	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	7	99.20

San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2022	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2023	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2024	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2025	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	9	99.20

San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2026	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2027	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2028	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	11	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2029	12	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	1	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	2	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	3	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	4	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	5	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	6	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	7	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	8	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	9	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	10	99.20
San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	11	99.20

San Diego Gas and Electric	OGROVE_6_PL1X2	RA_and_Energy	Orange Grove Energy Center	Existing_CAISO_Peaker2	99.20	2030	12	99.20
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2018	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2019	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2020	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2021	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	1	47.0

San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2022	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2023	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2024	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2025	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	3	47.0

San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2026	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2027	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2028	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	5	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	6	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	7	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	8	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	9	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	10	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	11	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2029	12	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	1	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	2	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	3	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	4	47.0
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	5	47.0

San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	6	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	7	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	8	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	9	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	10	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	11	47.0	
San Diego Gas and Electric	ELCAJN_6_LM6K	RA_and_Energy	El Cajon Energy Center	Existing_CAISO_Peaker2	47	2030	12	47.0	
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	1	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	2	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	3	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	4	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	5	190.0	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	6	190.0	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	7	190.0	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	8	190.0	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	9	190.0	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2018	10	190.0	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	11	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2018	12	0.0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	1	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	2	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	3	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	4	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	5	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	6	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	7	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	8	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	9	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2019	10	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	11	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2019	12	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	1	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	2	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	3	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	4	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	5	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	6	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	7	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	8	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	9	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2020	10	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	11	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2020	12	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	1	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	2	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	3	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	4	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	5	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	6	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	7	190	93.00

San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	8	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	9	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2021	10	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	11	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2021	12	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2022	1	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2022	2	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2022	3	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	0	2022	4	0	0.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	5	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	6	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	7	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	8	190	93.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	9	190	90.00
San Diego Gas and Electric			Morgan Stanley	Existing_CAISO_Unspecified	190	2022	10	190	90.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	1	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	2	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	3	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	4	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	5	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	6	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2018	7	62.00	50.59
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2018	8	62.00	50.59
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2018	9	62.00	48.96
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	10	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	11	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2018	12	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	1	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	2	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	3	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	4	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	5	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	0.00	2019	6	0.00	0.00
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2019	7	62.00	50.59
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2019	8	62.00	50.59
San Diego Gas and Electric			BP	Existing_CAISO_Unspecified	62.00	2019	9	62.00	43.20
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	1	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	2	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	3	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	4	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	5	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	6	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	7	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	8	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	9	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	10	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	11	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2018	12	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	1	49.90	
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	2	49.90	

San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	4	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2019	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	2	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	4	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2020	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	2	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	4	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2021	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	2	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	4	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2022	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	2	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	4	49.90

San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2023	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	2	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	3	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	4	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	5	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	6	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	7	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	8	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	9	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	10	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	11	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2024	12	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2025	1	49.90
San Diego Gas and Electric	DIVSON_6_NSQF	RA_and_Energy	AEI Naval Station (QF)	Existing_CAISO_CHP	49.90	2025	2	49.90
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2018	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2019	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	4	34.50

San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2020	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2021	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2022	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	6	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2023	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	2	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	3	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	4	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	5	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	6	34.50

San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	7	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	8	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	9	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	10	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	11	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2024	12	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2025	1	34.50
San Diego Gas and Electric	NIMTG_6_NIQF	RA_and_Energy	AEI North Island (QF)	Existing_CAISO_CHP	34.50	2025	2	34.50
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	5	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2018	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	5	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2019	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	5	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2020	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	5	49.90

San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2021	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	5	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2022	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	5	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	6	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	7	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	8	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	9	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	10	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	11	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2023	12	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2024	1	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2024	2	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2024	3	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2024	4	49.90
San Diego Gas and Electric		Energy_Only	Yuma Cogeneration Associates	Existing_CAISO_CHP	49.90	2024	5	49.90
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	2	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	4	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	5	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	6	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	7	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	8	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	9	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	10	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	11	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2018	12	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	2	54.93

San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	4	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	5	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	6	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	7	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	8	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	9	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	10	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	11	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2019	12	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	2	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	4	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	5	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	6	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	7	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	8	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	9	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	10	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	11	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2020	12	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	2	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	4	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	5	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	6	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	7	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	8	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	9	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	10	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	11	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2021	12	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	2	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	4	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	5	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	6	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	7	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	8	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	9	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	10	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	11	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2022	12	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	1	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	2	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	3	54.93
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	4	54.93

San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	5	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	6	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	7	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	8	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	9	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	10	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	11	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2023	12	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	1	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	2	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	3	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	4	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	5	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	6	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	7	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	8	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	9	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	10	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	11	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2024	12	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2025	1	54.93	
San Diego Gas and Electric	ESCO_6_GLMQF	RA_and_Energy	Goal Line	Existing_CAISO_CHP	54.93	2025	2	54.93	
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2018	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2019	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	2	4.32	0.93
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	4	4.32	1.36

San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2020	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2021	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2022	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2023	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	2	4.32	0.93
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	6	4.32	1.48

San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2024	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2025	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2026	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2027	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	2	4.32	0.93
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	8	4.32	1.45

San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2028	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2029	12	4.32	0.72
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	1	4.32	0.65
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	2	4.32	0.89
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	3	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	4	4.32	1.36
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	5	4.32	1.22
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	6	4.32	1.48
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	7	4.32	1.55
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	8	4.32	1.45
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	9	4.32	1.14
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	10	4.32	1.04
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	11	4.32	0.82
San Diego Gas and Electric	CRELMN_6_RAMSR3	RA_and_Energy	Solar Energy Project- Ramona	Existing_CAISO_SolarFixed	4.32	2030	12	4.32	0.72
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	1	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	2	1.50	0.08
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	3	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	4	1.50	0.08
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	5	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	6	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	7	1.50	0.33
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	8	1.50	0.41
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	9	1.50	0.35
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	10	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	11	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2018	12	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	1	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	2	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	3	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	4	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	5	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	6	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	7	1.50	0.41
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	8	1.50	0.31
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	9	1.50	0.41
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	10	1.50	0.11

San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	11	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2019	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	1	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	2	1.50	0.06
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	3	1.50	0.11
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	4	1.50	0.06
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	5	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	6	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	7	1.50	0.33
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	8	1.50	0.36
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	9	1.50	0.35
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	10	1.50	0.14
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2020	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	1	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	2	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	4	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	5	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	7	1.50	0.30
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	8	1.50	0.44
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	9	1.50	0.29
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	10	1.50	0.14
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2021	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	1	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	2	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	4	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	5	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	7	1.50	0.33
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	8	1.50	0.34
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	9	1.50	0.41
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	10	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	11	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2022	12	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	1	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	2	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	4	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	5	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	7	1.50	0.36
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	8	1.50	0.31
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	9	1.50	0.42
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	10	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	11	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2023	12	1.50	0.07

San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	1	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	2	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	4	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	5	1.50	0.06
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	7	1.50	0.35
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	8	1.50	0.41
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	9	1.50	0.34
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	10	1.50	0.15
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2024	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	1	1.50	0.06
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	2	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	4	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	5	1.50	0.06
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	6	1.50	0.10
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	7	1.50	0.30
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	8	1.50	0.37
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	9	1.50	0.36
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	10	1.50	0.14
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2025	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	1	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	2	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	4	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	5	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	7	1.50	0.33
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	8	1.50	0.34
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	9	1.50	0.39
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	10	1.50	0.10
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2026	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	1	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	2	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	3	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	4	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	5	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	6	1.50	0.09
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	7	1.50	0.33
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	8	1.50	0.33
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	9	1.50	0.42
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	10	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	11	1.50	0.07
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2027	12	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	1	1.50	0.08
San Diego Gas and Electric	Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	2	1.50	0.09

San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	3	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	4	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	5	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	6	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	7	1.50	0.36
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	8	1.50	0.31
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	9	1.50	0.42
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	10	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	11	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2028	12	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	1	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	2	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	3	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	4	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	5	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	6	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	7	1.50	0.33
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	8	1.50	0.41
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	9	1.50	0.34
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	10	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	11	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2029	12	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	1	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	2	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	3	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	4	1.50	0.08
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	5	1.50	0.06
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	6	1.50	0.09
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	7	1.50	0.35
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	8	1.50	0.41
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	9	1.50	0.34
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	10	1.50	0.15
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	11	1.50	0.07
San Diego Gas and Electric		Energy_Only	City of Escondido (Bear Valley)	Existing_CAISO_SmallHydro	1.50	2030	12	1.50	0.08
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	1	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	2	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	3	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	4	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	5	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	6	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	7	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	8	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	9	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	10	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	11	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2018	12	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	1	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	2	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	3	92.22	
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	4	92.22	

San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2019	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2020	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2021	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2022	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	6	92.22

San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2023	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2024	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2025	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2026	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	8	92.22

San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2027	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2028	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2029	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG1	RA_and_Energy	Pio Pico Unit 1	Existing_CAM_Share	106	2030	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	10	92.22

San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2018	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2019	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2020	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2021	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2022	12	92.22

San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2023	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2024	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2025	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2026	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	2	92.22

San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2027	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2028	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2029	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG2	RA_and_Energy	Pio Pico Unit 2	Existing_CAM_Share	106	2030	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	4	92.22

San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2018	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2019	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2020	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2021	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	6	92.22

San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2022	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2023	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2024	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2025	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	8	92.22

San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2026	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2027	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2028	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	10	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2029	12	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	1	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	2	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	3	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	4	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	5	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	6	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	7	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	8	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	9	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	10	92.22

San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	11	92.22
San Diego Gas and Electric	PIOPIC_2_CTG3	RA_and_Energy	Pio Pico Unit 3	Existing_CAM_Share	106	2030	12	92.22
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2018	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2019	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2020	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2021	12	41.59

San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2022	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2023	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2024	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2025	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	2	41.59

San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2026	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2027	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2028	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	4	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2029	12	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	1	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	2	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	3	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	4	41.59

San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	5	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	6	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	7	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	8	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	9	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	10	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	11	41.59
San Diego Gas and Electric	ESCNDO_6_PL1X2	RA_and_Energy	Escondido Energy Center	Existing_CAM_Share	47.8	2030	12	41.59
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2018	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2019	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2020	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	6	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2021	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2022	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2023	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2024	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	8	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2025	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2026	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2027	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2028	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	10	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2029	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 1	Existing_CAM_Share	100	2030	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2018	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2019	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2020	12	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2021	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2022	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2023	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2024	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	2	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2025	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2026	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2027	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2028	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	4	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2029	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 2	Existing_CAM_Share	100	2030	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2018	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2019	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	6	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2020	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2021	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2022	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2023	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	8	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2024	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2025	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2026	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	8	87
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San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2027	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	10	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2028	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2029	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 3	Existing_CAM_Share	100	2030	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2018	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2019	12	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2020	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	1	87
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San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2021	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2022	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	5	87
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San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2023	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2024	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2024	2	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2024	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2024	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2024	5	87
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San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2025	2	87
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San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2025	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2025	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2025	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2025	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2026	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2027	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	4	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2028	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2029	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 4	Existing_CAM_Share	100	2030	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2018	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	6	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2019	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2020	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2021	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2022	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	8	87

San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2023	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2024	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2025	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	10	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	11	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2026	12	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	1	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	2	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	3	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	4	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	5	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	6	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	7	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	8	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	9	87
San Diego Gas and Electric	RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	10	87

San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2027	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2028	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2029	12	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	1	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	2	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	3	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	4	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	5	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	6	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	7	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	8	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	9	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	10	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	11	87
San Diego Gas and Electric		RA_and_Energy	Carlsbad Energy Center 5	Existing_CAM_Share	100	2030	12	87
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2018	12	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2019	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2020	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2021	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2022	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	2	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2023	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2024	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2025	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2026	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	4	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2027	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2028	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2029	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT1	LSE_Owned	Escondido BESS 1	Existing_CAM_Share	10	2030	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	6	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2018	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2019	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2020	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2021	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	8	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2022	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2023	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2024	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2025	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	10	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2026	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2027	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2028	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2029	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT2	LSE_Owned	Escondido BESS 2	Existing_CAM_Share	10	2030	12	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2018	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2019	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2020	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2021	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	2	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2022	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2023	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2024	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2025	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	4	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2026	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2027	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2028	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	6	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2029	12	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	1	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	2	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	3	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	4	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	5	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	6	8.7

San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	7	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	8	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	9	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	10	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	11	8.7
San Diego Gas and Electric	ESCNDO_6_EB1BT3	LSE_Owned	Escondido BESS 3	Existing_CAM_Share	10	2030	12	8.7
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2018	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2019	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2020	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	8	6.53

San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2021	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2022	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2023	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2024	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	10	6.53

San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2025	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2026	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2027	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2028	12	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2029	12	6.53

San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	1	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	2	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	3	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	4	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	5	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	6	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	7	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	8	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	9	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	10	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	11	6.53
San Diego Gas and Electric	ELCAJN_6_EB1BT1	LSE_Owned	Eastern BESS 1	Existing_CAM_Share	7.5	2030	12	6.53
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	1	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	2	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	3	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	4	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	5	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	6	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	7	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	8	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	9	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	10	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	11	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2018	12	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	1	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	2	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	3	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	4	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	5	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	6	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	7	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	8	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	9	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	10	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	0	2019	11	0.00
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2019	12	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	1	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	2	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	3	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	4	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	5	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	6	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	7	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	8	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	9	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	10	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	11	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2020	12	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	1	26.10
San Diego Gas and Electric		LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	2	26.10

San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2021	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2022	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2023	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2024	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	4	26.10

San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2025	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2026	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2027	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2028	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	6	26.10

San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2029	12	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	1	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	2	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	3	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	4	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	5	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	6	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	7	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	8	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	9	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	10	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	11	26.10
San Diego Gas and Electric	LSE_Owned	Miramar Energy Storage	Existing_CAM_Share	30	2030	12	26.10
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	1	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	2	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	3	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	4	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	5	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	6	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	7	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	8	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	9	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	10	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	11	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2018	12	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	1	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	2	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	3	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	4	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	5	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	6	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	7	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	8	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	9	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	10	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	0	2019	11	0
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2019	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	8	3.48

San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2020	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2021	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2022	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2023	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	10	3.48

San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2024	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2025	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2026	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2027	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2028	12	3.48

San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2029	12	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	1	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	2	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	3	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	4	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	5	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	6	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	7	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	8	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	9	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	10	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	11	3.48
San Diego Gas and Electric	RA_and_Energy	AMS Energy Storage	Existing_CAM_Share	4	2030	12	3.48
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	1	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	2	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	3	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	4	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	5	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	6	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	7	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	8	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	9	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	10	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	11	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2018	12	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	1	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	2	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	3	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	4	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	5	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	6	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	7	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	8	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	9	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	10	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	11	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2019	12	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	1	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	2	0

San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	3	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	4	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	5	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	6	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	7	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	8	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	9	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	10	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	11	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2020	12	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2021	1	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	0	2021	2	0
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2021	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2022	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2023	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	4	34.80

San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2024	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2025	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2026	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2027	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	6	34.80

San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2028	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2029	12	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	1	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	2	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	3	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	4	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	5	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	6	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	7	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	8	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	9	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	10	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	11	34.80
San Diego Gas and Electric	LSE_Owned	Fallbrook Energy Storage	Existing_CAM_Share	40.00	2030	12	34.80
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	1	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	2	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	3	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	4	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	5	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	6	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	7	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	8	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	9	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	10	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	11	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2018	12	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	1	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	2	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	3	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	4	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	5	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	6	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	7	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	8	0

San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	9	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	10	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	11	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2019	12	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	1	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	2	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	3	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	4	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	5	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	6	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	7	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	8	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	9	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	10	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	11	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2020	12	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	1	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	2	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	3	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	4	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	5	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	6	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	7	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	8	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	9	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	10	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	11	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	0	2021	12	0
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2022	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	10	2.61

San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2023	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2024	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2025	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2026	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2027	12	2.61

San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2028	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2029	12	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	1	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	2	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	3	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	4	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	5	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	6	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	7	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	8	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	9	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	10	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	11	2.61
San Diego Gas and Electric	RA_and_Energy	Pomerado Energy Storage	Existing_CAM_Share	3	2030	12	2.61
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	1	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	2	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	3	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	4	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	5	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	6	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	7	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	8	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	9	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	10	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	11	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2018	12	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	1	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	2	0.00

San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	3	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	4	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	5	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	6	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	7	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	8	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	9	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	10	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	11	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2019	12	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	1	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	2	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	3	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	4	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	5	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	6	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	7	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	8	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	9	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	10	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	11	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2020	12	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	1	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	2	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	3	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	4	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	5	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	0.00	2021	6	0.00
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2021	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	4	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	6	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2022	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	4	5.66

San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	6	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2023	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	4	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	6	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2024	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	4	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	6	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2025	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	4	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	6	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	7	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	8	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	9	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	10	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	11	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2026	12	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	1	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	2	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	3	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	4	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	5	5.66
San Diego Gas and Electric	RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	6	5.66

San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	7	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	8	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	9	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	10	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	11	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2027	12	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	1	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	2	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	3	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	4	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	5	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	6	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	7	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	8	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	9	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	10	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	11	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2028	12	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	1	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	2	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	3	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	4	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	5	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	6	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	7	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	8	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	9	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	10	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	11	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2029	12	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	1	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	2	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	3	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	4	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	5	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	6	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	7	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	8	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	9	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	10	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	11	5.66	
San Diego Gas and Electric		RA_and_Energy	Powin Energy Storage	Existing_CAM_Share	6.50	2030	12	5.66	
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	1	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	2	2.73	0.28
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	3	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	4	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	5	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	6	2.73	0.32
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	7	2.73	0.55
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	8	2.73	0.39

San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	9	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	10	2.73	0.38
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	11	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2018	12	2.73	0.38
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	1	2.73	0.42
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	2	2.73	0.31
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	3	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	4	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	5	2.73	0.44
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	6	2.73	0.39
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	7	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	8	2.73	0.51
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	9	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	10	2.73	0.47
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	11	2.73	0.31
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2019	12	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	1	2.73	0.34
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	2	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	3	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	4	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	5	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	6	2.73	0.44
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	7	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	8	2.73	0.43
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	9	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	10	2.73	0.42
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	11	2.73	0.38
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2020	12	2.73	0.42
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	1	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	2	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	3	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	4	2.73	0.38
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	5	2.73	0.40
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	6	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	7	2.73	0.50
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	8	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	9	2.73	0.51
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	10	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	11	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2021	12	2.73	0.35
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	1	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	2	2.73	0.31
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	3	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	4	2.73	0.35
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	5	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	6	2.73	0.33
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	7	2.73	0.48
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	8	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	9	2.73	0.42
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	10	2.73	0.41

San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	11	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2022	12	2.73	0.45
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	1	2.73	0.40
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	2	2.73	0.34
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	3	2.73	0.46
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	4	2.73	0.37
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	5	2.73	0.39
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	6	2.73	0.43
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	7	2.73	0.41
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	8	2.73	0.51
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	9	2.73	0.35
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	10	2.73	0.52
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	11	2.73	0.28
San Diego Gas and Electric	SAMPSN_6_KELCO1	RA_and_Energy	Kelco 2	Existing_CAM_Share	3.14	2023	12	2.73	0.46
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	1	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	2	24.00	13.54
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	3	24.00	14.62
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	4	24.00	14.54
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	5	24.00	15.17
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	6	24.00	14.28
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	7	24.00	15.05
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	8	24.00	15.17
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	9	24.00	14.35
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	10	24.00	14.83
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	11	24.00	14.47
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2018	12	24.00	15.19
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	1	24.00	15.36
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	2	24.00	12.89
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	3	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	4	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	5	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	6	24.00	14.04
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	7	24.00	14.78
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	8	24.00	15.10
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	9	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	10	24.00	14.62
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	11	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2019	12	24.00	15.10
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	1	24.00	14.81
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	2	24.00	14.11
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	3	24.00	14.71
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	4	24.00	15.22
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	5	24.00	14.64
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	6	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	7	24.00	14.62
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	8	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	9	24.00	14.04
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	10	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	11	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2020	12	24.00	14.90

San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	1	24.00	15.00
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	2	24.00	13.54
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	3	24.00	14.62
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	4	24.00	14.69
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	5	24.00	15.26
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	6	24.00	14.09
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	7	24.00	15.43
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	8	24.00	14.47
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	9	24.00	14.83
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	10	24.00	15.05
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	11	24.00	14.62
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2021	12	24.00	14.88
San Diego Gas and Electric	LASSEN_6_UNITS	RA_and_Energy	Honey Lake Power	Existing_CAISO_Biomass	24.00	2022	1	24.00	14.52

Cost Category	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Distribution	$1,210,537	$1,222,809	$1,255,731	$1,275,810	$1,300,513	$1,325,113	$1,348,081	$1,368,872	$1,387,427	$1,405,151	$1,423,100	$1,441,259	$1,460,094
Transmission	$531,286	$531,556	$561,981	$585,627	$589,285	$592,607	$595,645	$598,866	$602,059	$605,150	$608,213	$611,283	$614,556
Generation	$1,587,045	$1,616,968	$1,573,224	$1,576,291	$1,537,293	$1,490,937	$1,466,787	$1,425,151	$1,402,744	$1,424,980	$1,442,557	$1,449,334	$1,444,691
Demand Side Programs	$90,480	$90,558	$90,686	$90,852	$91,034	$91,057	$91,057	$91,057	$91,057	$91,057	$91,057	$91,057	$91,057
Other	$100,692	$108,347	$111,086	$139,147	$56,586	$40,226	$18,664	$3,580	-$14,750	-$26,192	-$35,131	-$47,121	-$63,222
Baseline Revenue Requirement	$3,520,039	$3,570,238	$3,592,708	$3,667,727	$3,574,710	$3,539,941	$3,520,234	$3,487,526	$3,468,537	$3,500,146	$3,529,795	$3,545,813	$3,547,177

Notes
"Other" category includes GHG Allowance Revenues (negative value)

Id_Type	Id_Entity_Type
1000	Ambulance Service
1001	Blood Bank
1002	Blood Collection Center
1003	Blood Component Manufacturing Center
1004	Blood Donation Center
1005	Blood Donation Camp
1006	Blood Donation Mobile Unit
1007	Blood Donation Mobile Unit Camp
1008	Blood Donation Camp Mobile Unit
1009	Blood Donation Camp Mobile Unit Camp
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Id_Type	Id_Entity_Type
1000	Ambulance Service
1001	Blood Bank
1002	Blood Collection Center
1003	Blood Component Manufacturing Center
1004	Blood Donation Center
1005	Blood Donation Camp
1006	Blood Donation Mobile Unit
1007	Blood Donation Mobile Unit Camp
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1041	Blood Donation Camp Mobile Unit

Appendix B

New Resource Data Template

Data Template Instructions	On the "New_Resources" tab, please report each new resource (chosen from among RESOLVE candidate resource types or indicate Other_New) that the LSE plans to invest in through the IRP planning horizon. These are analogous to “candidate” resources as defined in the RESOLVE model, and incremental to any resource that was reported in the Baseline Resource Data Template, i.e. "new steel in the ground." For situations where the LSE is reporting a future contract with unknown existing resource(s) (e.g. a new RA contract with an existing unit that comes off its existing contract in a future year), do NOT report it in this workbook, rather, report it in the Baseline Resource Data Template. On the "New_Resources" tab, also report the total fixed cost of each new resource. Column heading definitions are below. On the "New_Costs" tab, please report cost projections if applicable to the reporting entity. These are costs associated with the resources in the "New_Resources" tab and incremental to any costs reported in the Baseline Resource Data Template. Report all costs in 2016 dollars, using the IEPR dollar deflator series posted to the IRP Filing Materials and Templates webpage. Explain the composition of each cost category in the text body of the Standard LSE Plan Template. Incremental revenue requirement should be the sum of the other components in this worksheet. If including new load or load modifying resource information as part of a portfolio reported in the Standard LSE Plan Template, then follow the instructions on the "Instructions_IEPR_Forms" tab of this workbook to report that data. Many cells include data validation that requires the LSE to populate cells with only the allowed values shown in the cell's drop down menu. Data entry may be done manually, with copy/paste, or with a script - but only allowed values for that cell must be entered - this is critical to ensuring clean and reconciliable data. Cells must contain only text or numerical data. Do not use the "Insert Comment" feature of Excel to comment on specific cells. Instead please comment on specific cells in the text body of the Standard LSE Plan Template.
New_Resources Column Heading	**Instruction and Description**
LSE_Name	Select from the drop-down menu the Load Serving Entity (LSE) name. This column must not be blank.
New_Resource_Type	Select a RESOLVE candidate resource type from the dropdown. Select "Other_New" if LSE's selected resource does not match any of the RESOLVE candidate resource types. This column must not be blank.
Other_New_Description	Default: leave blank. If LSE selects "Other_New" under column New_Resource_Type, then fill in this cell with a description of the resource technology and operational attributes.
Location	Select from the drop down menu the resource location. If the location is inside the CAISO balancing area, then select the local capacity area or select "CAISO_System" if not within any local capacity area. If the location is outside the CAISO balancing area, then select the appropriate non-CAISO location. This column must not be blank.
Year_Begin	Expected online year in yyyy format. This column must not be blank.
Year_End	Expected end of long-term contract or retirement year in yyyy format. Enter 2050 if no end date. This column must not be blank.
Nameplate_MW	Enter the resource's nameplate capacity value (MW). The nameplate capacity is the maximum rated AC output of the unit. This column must not be blank.
AnnualEnergy_GWh	Enter the resource's expected annual energy production (GWh). This column must not be blank.
Tech_Sub_Type	If applicable to the type of technology, select the sub-type from the dropdown (e.g. fixed vs. tracking solar). Otherwise leave blank.
SolarPV_InverterLoading	If resource is solar PV, enter the ratio of installed DC panel capacity to installed AC inverter capacity (unitless number between 2 and 1). Otherwise leave blank.
Storage_Depth_MWh	If resource is energy storage, enter the discharge capacity in MWh at max output. Otherwise leave blank.
Storage_Efficiency	If resource is energy storage, enter the round-trip efficiency (unitless number between 0 and 1). Otherwise leave blank.
FCDS	1 = This resource is fully deliverable; 0 = This resource is energy-only. This column must not be blank.
New_Rsrc_Total_Fixed_Costs	In 2016 $, enter the total fixed cost of this new resource. This column must not be blank.
New_Tx_Name	If new transmission is required for this new resource, enter the new transmission project name/identifier. Otherwise leave blank.
New_Tx_LSE_Share_MW	If new transmission is required for this new resource, enter the LSE's share in MW of the total new transmission line capacity. Otherwise leave blank.
New_Tx_Total_MW	If new transmission is required for this new resource, enter the total new transmission line capacity in MW. Otherwise leave blank.
New_Tx_LSE_Share_Fixed_Costs	If new transmission is required for this new resource, enter in 2016 $ the LSE's share of the total fixed cost of the new transmission triggered by this new resource. Otherwise leave blank.
New_Tx_Total_Fixed_Costs	If new transmission is required for this new resource, enter in 2016 $ the total fixed cost of the new transmission triggered by this new resource. Otherwise leave blank.

If LSEs use different load and load modifier assumptions as part of any Alternate portfolios, the LSE should report that information using the standard IEPR filing form templates associated with that information, included as additional tabs within this workbook, one tab per IEPR Form. The LSE should clearly identify the data that differs from the forms it submitted to the CEC in 2017 as part of the 2017 IEPR process. The table below indicates which standard IEPR filing forms apply to which entity. IEPR Forms may be downloaded here:

CEC IEPR Forms http://docketpublic.energy.ca.gov/PublicDocuments/17-IEPR-03/TN215680-1_20170131T142702_FINAL_2017_Electricity_Demand_Forecast_Forms.xlsx

CEC Instructions http://docketpublic.energy.ca.gov/PublicDocuments/17-IEPR-03/TN215675_20170131T111216_FINAL_Forms_and_Instructions_for_Submitting_Electricity_Demand.pdf

		IOU	CCA	ESP
Form 1.1a	RETAIL SALES OF ELECTRICITY BY CLASS OR SECTOR (GWh) Bundled & Direct Access	X		
Form 1.1b	RETAIL SALES OF ELECTRICITY BY CLASS OR SECTOR (GWh) Bundled Customers	X		
Form 1.2	DISTRIBUTION AREA NET ELECTRICITY FOR GENERATION LOAD (GWh)	X		
Form 1.3	LSE COINCIDENT PEAK DEMAND BY SECTOR (Bundled Customers)	X		
Form 1.4	DISTRIBUTION AREA COINCIDENT PEAK DEMAND	X		
Form 3.2	ENERGY EFFICIENCY - CUMULATIVE INCREMENTAL IMPACTS	X		
Form 3.3	DISTRIBUTED GENERATION - CUMULATIVE INCREMENTAL IMPACTS	X		
Form 3.4	DEMAND RESPONSE - CUMULATIVE INCREMENTAL IMPACTS	X		
Form 4	REPORT ON FORECAST METHODS AND MODELS	X	X	
Form 6	UNCOMMITTED DEMAND-SIDE PROGRAM METHODOLOGY	X		
Form 7.1	ESP DEMAND FORECAST			X
Form 7.2	CCA DEMAND FORECAST		X	

LSE_Name	New_Resource_Type	Other_New_Description	Location	Year_Begin	Year_End	Nameplate_MW	AnnualEnergy_GWh	Tech_Sub_Type	SolarPV_InverterLoading	Storage_Depth_MWh	Storage_Efficiency	FCDS	New_Rsrc_Total_Fixed_Costs	New_Tx_Name	New_Tx_LSE_Share_MW	New_Tx_Total_MW	New_Tx_LSE_Share_Fixed_Costs	New_Tx_Total_Fixed_Costs
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2020		30				40	0.89	1	$ 31,415					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2020		20				20	0.89	1	$ 16,820					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2020		10				10	0.89	1	$ 8,410					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2021		10				10	0.89	1	$ 7,930					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2021		10				10	0.89	1	$ 7,930					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2021		10				10	0.89	1	$ 7,930					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2021		10				10	0.89	1	$ 7,930					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2022		22				22	0.89	1	$ 16,390					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2023		22				22	0.89	1	$ 15,873					
San Diego Gas and Elec	CAISO_New_Li_Battery		SanDiegoImperialValley	2024		22				22	0.89	1	$ 15,356					

Cost Category	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Incremental Distribution	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Incremental Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Incremental Generation	$0	$0	$6,261	$9,661	$14,909	$14,447	$14,032	$13,360	$12,830	$13,528	$13,306	$13,042	$12,712
Incremental Demand Side Programs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Incremental Other	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Incremental Revenue Requirement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Notes:
Incremental Generation costs are based on levelized values for Battery- Li [Capacity] and [Energy] from RESOLVE "STOR_Inputs" tab of the RESOLVE Use Interface 2017-09-07.
These prices are multiplied by SDG&E's forecast MW and presented in 2016$

LSE_Type	LSE_Name_Long	LSE_Name_Short
ESP	3 Phases Renewables Inc	3PhasesRenewable
ESP	Agera Energy LLC	AgeraEnergy
ESP	American Powernet Management	AmericanPowerNetM
Co-op	Anza Electric Cooperative	AnzaElecCoop
CCA	Apple Valley Choice Energy	AppleVlyChoiceEn
Utility	Bear Valley Electric Service	BearValley
ESP	Calpine Energy Solutions LLC	CalpineEnergySoln
ESP	Calpine Poweramerica-CA LLC	CalpinePowerAmCA
CCA	Clean Power San Francisco	CleanPowerSF
ESP	Commercial Energy of California	CommercialEnergyCA
ESP	Constellation New Energy Inc	ConstellationNewEn
CCA	Desert Community Energy	DesertCommunityEn
ESP	Direct Energy Business	DirectEnergyBusiness
CCA	East Bay Community Energy	EastBayCommunityEn
ESP	EDF Industrial Power Services CA LLC	EDFIndustrialPowerSrv
ESP	Just Energy Solutions Inc	JustEnergySolutions
CCA	King City CCA	KingCityCCA
CCA	Lancaster Choice Energy	LancasterChoiceEn
Utility	Liberty Utilities	LibertyUtilities
CCA	Los Angeles Community Choice	LosAngelCommChoice
CCA	Marin Clean Energy	MarinCleanEnergy
CCA	Monterey Bay Community Power	MontereyBayCommPwr
Utility	Pacific Gas and Electric	PacificGasAndElectric
Utility	PacifiCorp	PacifiCorp
CCA	Peninsula Clean Energy	PeninsulaCleanEnAuth
CCA	Pico Rivera Innovative Municipal Energy	PicoRiveraInnovMuniEn
ESP	Pilot Power Group Inc	PilotPowerGroup
CCA	Pioneer Community Energy	PioneerCommunityEn
Co-op	Plumas Sierra Rural Elec Coop	PlumasSierraCoop
CCA	Rancho Mirage Energy Authority	RanchoMirageEnAuth
CCA	Redwood Coast Energy	RedwoodCoastEnergy
Utility	San Diego Gas and Electric	SanDiegoGasAndElectric
CCA	San Jacinto Power	SanJacintoPower
CCA	San Jose City	SanJoseCity
ESP	Shell Energy North America	ShellEnergyNorthAm
CCA	Silicon Valley Clean Energy	SiliconVlyCleanEnAuth
CCA	Solana Energy Alliance	SolanaEnergyAlliance
CCA	Sonoma Clean Power	SonomaCleanPower
Utility	Southern California Edison	SouthernCalEdison
Co-op	Surprise Valley Electric Corp	SurpriseValleyElectric
ESP	The Regents of the University of California	TheRegentsUnivCA
ESP	Tiger Natural Gas Inc	TigerNaturalGas
CCA	Valley Clean Energy Alliance	ValleyCleanEnAlliance
Co-op	Valley Electric Association	ValleyElectricAssoc

New_Resource_Type
CAISO_New_Advanced_CCGT
CAISO_New_Aero_CT
CAISO_New_Conventional_DR
CAISO_New_Flexible_Load_Shift
CAISO_New_Flow_Battery
CAISO_New_Li_Battery
CAISO_New_Pumped_Storage
CAISO_New_Reciprocating_Engine
CAISO_New_Small_Hydro
Northern_California_Solar
Solano_Solar
Central_Valley_North_Los_Banos_Solar
Westlands_Solar
Greater_Carrizo_Solar
Tehachapi_Solar
Kramer_Inyokern_Solar
Mountain_Pass_El_Dorado_Solar
Southern_California_Desert_Solar
Riverside_East_Palm_Springs_Solar
Greater_Imperial_Solar
Distributed_Solar
Baja_California_Solar
Utah_Solar
Southern_Nevada_Solar
Arizona_Solar
New_Mexico_Solar
Northern_California_Wind
Solano_Wind
Central_Valley_North_Los_Banos_Wind
Greater_Carrizo_Wind
Tehachapi_Wind
Kramer_Inyokern_Wind
Southern_California_Desert_Wind
Riverside_East_Palm_Springs_Wind
Greater_Imperial_Wind
Distributed_Wind
Baja_California_Wind
Pacific_Northwest_Wind
NW_Ext_Tx_WIND
Idaho_Wind
Utah_Wind
Wyoming_Wind
Southern_Nevada_Wind
Arizona_Wind
New_Mexico_Wind
SW_Ext_Tx_Wind
InState_Biomass
Greater_Imperial_Geothermal
Northern_California_Geothermal
Pacific_Northwest_Geothermal
Southern_Nevada_Geothermal
Other_New

Location
BigCreekVentura
GreaterBayArea
LABasin
Other_PGE
SanDiegoImperialValley
CAISO_System
Non_CAISO_In_State
Out_Of_State

Year_Begin	Year_End	Tech_Sub_Type	SolarPV_InverterLoading	Storage_Efficiency	FCDS	
yyyy	yyyy	Solar_FixedTilt	1 <= R <= 2	0 <= E <= 1	0 or 1	
2018	2018	Solar_Track1axis	1	0	0	
2050	2050	Solar_Track2axis	2	1	1	
		Solar_Thermal				

Appendix C

Clean Net Short Calculator

Cell Color Scheme

- Yellow cells are inputs that can be changed by the user (only in the Dashboard and Custom Profiles tabs)
- Orange cells contain drop down menus that allow the user to input custom values
- Grey cells are intermediate calculations or results (should NOT be changed)
- Green cells are final outputs

Tab Color Scheme

- Light Orange tabs are where the user inputs values and views results
- Blue tab contains LSE-specific data from the 2017 IEPR that the user should input into the "IEPR Managed Retail Sales Forecast" cells on the Dashboard
- Gray tab documents data sources
- Yellow tabs are read-only tabs that contain inputs and calculations

INPUTS

Notes:

Input values (yellow cells) shown here are placeholders. Users should replace all inputs with values specific to their system.

Inputs and results are included for the 2018, 2022, 2026, and 2030 modeling years. Any intermediate years should be interpolated outside of this tool.

General Inputs

Metric	Unit	2018	2022	2026	2030	Notes
Owned or contracted non-dispatchable GHG-emitting resources	MW	80	63	-	-	*Perfect capacity - 100% CF; e.g. cogeneration*
Emission Factor - Owned or contracted non-dispatchable GHG-emitting resources	tCO2/MWh	0.43	0.43	0.43	0.43	*For multiple resources, input weighted average*
Fraction of EV owners that can charge at work	%	6%	14%	22%	30%	*Values shown are "Mid" from CPUC IRP RESOLVE User Interface*

Demand Inputs

Assigned Load Forecast for IRP (i.e., Managed Retail Sales Forecast)	GWh	14,682	14,675	14,617	14,244	*Includes effect of BTM PV, AAEE, etc.*

Default Demand Inputs (based on sales-weighted share of total from IEPR)		Units	2018	2022	2026	2030	Notes
Baseline net energy for load (no BTM PV, EV, electrification, energy efficiency)		GWh	16,805	17,777	18,719	19,143	*Grossed up for T&D losses; demand met by BTM CHP excluded*
Electrice Vehicle Load - Home Charging Only		GWh	115	297	478	598	*Grossed up for T&D losses*
Electrice Vehicle Load - Home + Work Charging		GWh	7	48	135	256	*Grossed up for T&D losses*
Other Electrification		GWh	8	22	37	48	*Grossed up for T&D losses*
Building Electrification		GWh	-	-	-	-	*Grossed up for T&D losses*
Energy Efficiency		GWh	(163)	(796)	(1,518)	(2,139)	*Grossed up for T&D losses*
BTM PV		GWh	(927)	(1,516)	(2,086)	(2,552)	*Grossed up for T&D losses*
Custom Demand Inputs (OPTIONAL; overwrites Assigned Load Forecast for IRP)	***Use Custom?***	***Units***	**2018**	**2022**	**2026**	**2030**	***Notes***
Baseline net energy for load (no BTM PV, EV, electrification, energy efficiency)	*No*	GWh					*To overwrite, set "Use Custom" to "Yes" and input forecast. Custom demand values should be grossed up for T&D losses. User-specified load profiles should be input in the "Custom Profiles" tab. Energy efficiency and BTM PV subtract from demand and therefore should be entered as negative values.*
Electrice Vehicle Load - Home Charging Only	*No*	GWh					
Electrice Vehicle Load - Home + Work Charging	*No*	GWh					
Other Electrification	*No*	GWh					
Building Electrification	*No*	GWh					
Energy Efficiency	*No*	GWh					
BTM PV	*No*	GWh					
Active Demand Inputs	***Source***	***Units***	**2018**	**2022**	**2026**	**2030**	***Notes***
Baseline net energy for load (no BTM PV, EV, electrification, energy efficiency)	IEPR	GWh	16,805	17,777	18,719	19,143	
Electrice Vehicle Load - Home Charging Only	IEPR	GWh	115	297	478	598	
Electrice Vehicle Load - Home + Work Charging	IEPR	GWh	7	48	135	256	
Other Electrification	IEPR	GWh	8	22	37	48	
Building Electrification	IEPR	GWh	-	-	-	-	
Energy Efficiency	IEPR	GWh	(163)	(796)	(1,518)	(2,139)	
BTM PV	IEPR	GWh	(927)	(1,516)	(2,086)	(2,552)	

Capacity Inputs (MW)

Candidate Resource	Type	2018	2022	2026	2030	Notes
Battery Storage	Storage	33	134	144	144	*Assumes 4-hr battery storage duration*
Pumped Storage	Storage	40	40	40	40	*Assumes at least 12-hr pumped storage duration*
Large Hydro	Large Hydro	-	-	-	-	*Assumes average dispatch based on RESOLVE*
Nuclear	Nuclear	-	-	-	-	*Perfect capacity - 100% CF*
CAISO_Wind_for_CAISO	Wind	-	-	-	-	*Existing wind located in CAISO*
SW_Wind_for_CAISO	Wind	-	-	-	-	*Existing wind located in SW and delivered to CAISO*
Contracted_NW_Wind	Wind	-	-	-	-	*Existing wind located in NW and delivered to CAISO*
Northern_California_Wind	Wind	-	-	-	-	
Solano_Wind	Wind	-	-	-	-	
Central_Valley_North_Los_Banos_Wind	Wind	-	-	-	-	
Greater_Carrizo_Wind	Wind	-	-	-	-	
Tehachapi_Wind	Wind	311	251	311	311	
Kramer_Inyokern_Wind	Wind	-	-	-	-	
Southern_California_Desert_Wind	Wind	-	-	-	-	
Riverside_East_Palm_Springs_Wind	Wind	53	11	-	53	
Greater_Imperial_Wind	Wind	315	315	315	315	
Distributed_Wind	Wind	-	-	-	-	
Baja_California_Wind	Wind	156	261	261	261	
Pacific_Northwest_Wind	Wind	-	-	-	-	
NW_Ext_Tx_Wind	Wind	-	-	-	-	
Idaho_Wind	Wind	-	-	-	-	
Utah_Wind	Wind	-	-	-	-	
Wyoming_Wind	Wind	-	-	-	-	
Southern_Nevada_Northwest_Arizona_Wind	Wind	-	-	-	-	
Arizona_Wind	Wind	-	-	-	-	
New_Mexico_Wind	Wind	-	-	-	-	
SW_Ext_Tx_Wind	Wind	-	-	-	-	
BTM_Distributed_PV	Solar	461	753	1,036	1,267	*Derived from demand inputs, grossed up for T&D losses. DO NOT EDIT*
CAISO_Solar_for_CAISO	Solar	-	-	-	-	*Existing solar located in CAISO*
SW_Solar_for_CAISO	Solar	-	-	-	-	*Existing solar located in SW and delivered to CAISO*
IID_Solar_for_CAISO	Solar	-	-	-	-	*Existing solar located in IID and delivered to CAISO*
Northern_California_Solar	Solar	-	-	-	-	
Solano_Solar	Solar	-	-	-	-	
Central_Valley_North_Los_Banos_Solar	Solar	-	-	-	-	
Westlands_Solar	Solar	-	-	-	-	
Greater_Carrizo_Solar	Solar	-	-	-	-	
Tehachapi_Solar	Solar	-	-	-	-	
Kramer_Inyokern_Solar	Solar	-	-	-	-	
Mountain_Pass_El_Dorado_Solar	Solar	-	-	-	-	
Southern_California_Desert_Solar	Solar	-	-	-	-	
Riverside_East_Palm_Springs_Solar	Solar	-	-	-	-	
Greater_Imperial_Solar	Solar	1,205	1,203	1,203	1,203	

RESULTS

Energy Balance	Unit	2018	2022	2026	2030	Notes
Energy for Load (excluding BTM PV)	GWh	16,773	17,349	17,851	17,908	
Owned or contracted non-dispatchable GHG-emitting resources	GWh	701	552	-	-	
Large Hydro	GWh	-	-	-	-	
Nuclear	GWh	-	-	-	-	
Renewable Generation (including BTM PV)	GWh	7,561	8,019	8,735	9,457	*Includes oversupply*
User-specified GHG-free Power	GWh	-	-	-	-	
Storage Energy Imbalance	GWh	(12)	(62)	(68)	(78)	*Due to storage losses and subhourly reserves.*
Clean Net Short	***GWh***	**8,523**	**8,840**	**9,184**	**8,528**	

Emissions	Unit	2018	2022	2026	2030	Notes
Clean Net Short	MMtCO2/yr.	3.3	3.4	3.5	3.2	*Includes oversupply emissions credits*
Owned or contracted non-dispatchable GHG-emitting resources	MMtCO2/yr.	0.3	0.2	-	-	
Emissions offset for NW hydroelectric imports	MMtCO2/yr.	(0.2)	(0.2)	(0.2)	(0.2)	*Scaled to LSE load ratio share within CAISO*
Total	***MMtCO2/yr.***	**3.42**	**3.39**	**3.30**	**2.96**	
Average emission intensity	tCO2/MWh	0.20	0.20	0.18	0.17	

Oversupply	Unit	2018	2022	2026	2030	Notes
Oversupply	GWh	117	153	243	449	*Occurs when hourly supply exceeds hourly load*
Oversupply Emission Credits	MMtCO2/yr.	0.0	0.0	0.1	0.0	

Capacity/Peak	Unit	2018	2022	2026	2030	Notes
Profile Peak Load	MW	3,387	3,514	3,628	3,656	*Peak of hourly load profile - not a 1:10 peak*
Owned or contracted non-dispatchable GHG-emitting resources	MW	80	63	-	-	
Large Hydro	MW	-	-	-	-	
Nuclear	MW	-	-	-	-	
Total Baseload Renewables	MW	37	20	20	32	
Total Variable Renewables	MW	2,628	2,921	3,253	3,537	*Includes BTM PV*
User-specified GHG-free Power	MW	-	-	-	-	
Energy Storage	MW	73	174	184	184	
Maximum Clean Net Short	MW	2,882	3,062	3,231	3,233	

SDG&E Added Calculations		2018	2022	2026	2030	Notes
Oversupply as Percent of total energy needs	%	0.7%	0.9%	1.3%	2.3%	Oversupply devided by Baseline Energy for Load

Emissions		2018	2022	2026	2030	
NOx	1000 lb/yr.	799	953	955	930	From Nox Sheet
PM 2.5	1000 lb/yr.	409	389	405	374	From PM Sheet

Baja_California_Solar	*Solar*	-	-	-	-	
Utah_Solar	*Solar*	-	-	-	-	
Southern_Nevada_Solar	*Solar*	-	-	-	-	
Arizona_Solar	*Solar*	127	127	127	127	
New_Mexico_Solar	*Solar*	-	-	-	-	
Geothermal	*Geothermal*	-	-	-	-	*perfect capacity - 100% CF*
Biomass	*Biomass*	37	20	20	32	*perfect capacity - 100% CF*
Small Hydro	*Small Hydro*	0	0	0	0	*perfect capacity - 100% CF*

Notes:

RESOLVE renewable and load shapes in this document are based on 2007 weather year. If possible, user should synchronize custom shapes with 2007 weather

Profiles

	User-defined GHG-free power	Load and load modifier shapes				
Use Shape?	No	No	No	No	No	No
Notes	*To include a custom shape, set toggle to "yes" and add profile below (units = MW). Users wishing to add multiple custom GHG-free resources should add together the hourly production values outside of this tool and input the final 8760 shape in this tab.*	*Set toggle to "yes" to override default shape with custom shape below. Shape should be normalized - the sum of the hourly values over the entire year should equal 1. To normalize, divide original non-normalized shape by the annual total to get the normalized shape in "MW / annual MWh".*				

Month	Day	Hour	2018	2022	2026	2030	Baseline Load	EV - Home Charging	EV - Home and Work Charging	Building Electrification	Energy Efficiency
1	1	1	-	-	-	-	-	-	-	-	-
12	31	24	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	-

Form 1.1c - Statewide
California Energy Demand Forecast 2018 - 2030, Mid Demand Baseline Case, Mid AAEE and AAPV Savings
Electricity Deliveries to End Users by Agency (GWh)

Planning Area	Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Average Annual Growth 2016 - 2030
PGE	Calaveras Public Power Agency	33	33	33	33	33	33	34	34	34	35	35	35	35	36	36	0.6%
	City of Alameda	360	359	354	351	352	352	352	352	352	352	352	352	353	352	353	-0.1%
	City of Biggs	16	16	16	16	16	16	15	15	15	16	16	16	16	16	16	-0.2%
	City of Gridley	33	33	33	32	32	32	32	32	32	32	32	32	33	32	32	-0.2%
	City of Healdsburg	73	73	72	70	70	70	70	69	69	69	69	69	69	69	69	-0.4%
	City of Lodi	411	410	405	402	402	402	402	401	399	400	398	398	397	397	396	-0.3%
	City of Lompoc	125	124	123	122	122	122	123	123	123	122	122	122	122	122	122	-0.2%
	City of Palo Alto	885	883	868	854	849	841	837	830	822	817	810	804	798	793	788	-0.8%
	City of San Francisco	949	947	936	927	929	928	930	929	927	927	926	926	926	926	926	-0.2%
	City of Ukiah	103	103	102	101	101	101	101	100	100	99	99	99	98	97	97	-0.4%
	Department of Water Resources (North)	1,701	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	1,572	-0.6%
	Island Energy/Pittsburg	20	20	20	20	19	20	20	20	19	19	20	20	20	19	19	-0.3%
	Lassen Municipal Utility District	152	151	150	149	148	149	149	149	149	149	149	149	150	149	149	-0.1%
	Pacific Gas and Electric Company (Bundled)	70,430	62,936	50,747	39,974	40,124	40,030	40,112	40,010	39,851	39,855	39,735	39,636	39,500	39,401	39,320	-4.1%
	Pacific Gas and Electric Company (Direct Access)	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	9,520	0.0%
	Pacific Gas and Electric Company (Marin Clean Energy CCA)	1,966	2,841	5,160	5,069	5,061	5,037	5,031	5,006	4,977	4,964	4,938	4,916	4,892	4,872	4,854	6.7%
	Pacific Gas and Electric Company (Sonoma Clean Power CCA)	2,108	2,313	2,665	2,617	2,613	2,601	2,598	2,585	2,570	2,564	2,550	2,539	2,526	2,516	2,507	1.2%
	Pacific Gas and Electric Company (Clean Power San Francisco Clean CCA)	176	524	610	599	599	596	595	592	589	587	584	581	579	577	574	8.8%
	Pacific Gas and Electric Company (Peninsula Clean Energy Authority CCA)	146	2,645	3,804	3,737	3,731	3,713	3,710	3,691	3,669	3,660	3,641	3,625	3,607	3,592	3,579	25.7%
	Pacific Gas and Electric Company (Silicon Valley Clean Energy CCA)	-	3,325	3,713	3,646	3,640	3,624	3,620	3,602	3,581	3,571	3,553	3,537	3,520	3,505	3,492	--
	Pacific Gas and Electric Company (Redwood Coast Energy Authority CCA)	-	188	663	651	650	647	646	643	639	638	634	631	628	626	623	--
	Pacific Gas and Electric Company (Pioneer Community Energy CCA)	-	-	1,144	1,124	1,122	1,116	1,115	1,109	1,103	1,100	1,095	1,090	1,084	1,079	1,075	--
	Pacific Gas and Electric Company (Monterrey Bay Community Power Authority CCA)	-	-	2,370	3,500	3,473	3,456	3,452	3,435	3,415	3,406	3,389	3,374	3,357	3,343	3,331	--
	Pacific Gas and Electric Company (East Bay Community Energy CCA)	-	-	1,415	6,447	6,396	6,367	6,359	6,327	6,290	6,274	6,242	6,214	6,183	6,158	6,136	--
	Pacific Gas and Electric Company (Valley Clean Energy Alliance CCA)	-	-	456	762	756	753	752	748	744	742	738	735	731	728	726	--
	Pacific Gas and Electric Company (San Jose City CCA)	-	-	843	4,498	4,462	4,441	4,437	4,414	4,389	4,377	4,354	4,335	4,314	4,296	4,280	--
	Plumas-Sierra Rural Electric Cooperation	142	142	142	141	143	144	146	147	149	150	151	153	154	155	156	0.7%
	Port of Oakland	48	48	48	46	47	47	47	47	47	47	47	47	47	47	46	-0.3%
	Port of Stockton	20	20	20	20	20	20	20	21	21	21	21	21	22	22	22	0.7%
	Silicon Valley Power	3,306	3,297	3,256	3,221	3,223	3,216	3,220	3,210	3,199	3,201	3,195	3,193	3,190	3,189	3,190	-0.3%
	Tuolumne County Public Power Agency	23	23	23	23	23	23	24	24	24	24	24	25	25	25	25	0.6%
	WAPA (CAISO)	1,305	1,294	1,305	1,317	1,328	1,342	1,357	1,372	1,385	1,397	1,408	1,420	1,435	1,450	1,463	0.8%
PGE Total		94,051	93,840	92,588	91,561	91,576	91,329	91,399	91,129	90,774	90,708	90,420	90,184	89,903	89,683	89,494	-0.4%
SCE	Anza Electric Cooperative, Inc.	53	53	52	53	53	54	54	55	56	56	56	57	57	58	58	0.6%
	Azusa Light & Water	266	263	259	257	257	256	257	257	256	256	254	253	252	252	251	-0.4%
	Bear Valley Electric Service	129	128	127	128	129	130	132	134	135	136	137	138	139	140	141	0.6%
	City of Anaheim	2,484	2,457	2,422	2,404	2,398	2,392	2,393	2,396	2,386	2,377	2,364	2,355	2,347	2,340	2,333	-0.4%
	City of Banning	134	133	131	131	131	131	131	132	131	131	131	131	131	131	131	-0.2%
	City of Cerritos	75	75	74	75	75	76	77	78	79	80	80	81	81	82	82	0.6%
	City of Colton	371	367	361	358	357	356	355	355	354	353	350	349	349	348	348	-0.5%
	City of Corona	137	136	134	134	134	135	135	136	137	137	137	137	137	137	137	0.0%
	City of Pasadena	1,154	1,142	1,119	1,106	1,097	1,089	1,084	1,080	1,071	1,062	1,053	1,046	1,039	1,033	1,026	-0.8%
	City of Rancho Cucamonga	77	76	75	75	75	75	75	75	74	74	74	74	74	73	73	-0.3%
	City of Riverside	2,323	2,298	2,259	2,237	2,226	2,216	2,214	2,214	2,204	2,194	2,182	2,173	2,166	2,162	2,157	-0.5%
	City of Vernon	1,118	1,106	1,095	1,091	1,092	1,275	1,279	1,285	1,285	1,286	1,285	1,285	1,286	1,286	1,287	1.0%
	Department of Water Resources (South)	5,167	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	4,953	-0.3%
	Metropolitan Water District	2,071	2,051	2,043	2,051	2,069	2,090	2,115	2,148	2,166	2,184	2,198	2,213	2,228	2,242	2,256	0.6%
	Moreno Valley Utilities	192	190	187	187	187	187	187	187	187	186	187	186	185	186	186	-0.2%
	Southern California Edison Company (Bundled)	73,260	72,331	69,216	68,771	68,567	68,353	68,305	68,328	67,923	67,481	66,937	66,426	65,925	65,421	64,936	-0.9%
	Southern California Edison Company (Direct Access)	10,929	10,806	10,451	10,499	10,599	10,713	10,852	11,026	11,129	11,226	11,302	11,385	11,465	11,541	11,618	0.4%
	Southern California Edison Company (Lancaster Energy Clean CCA)	640	633	623	620	617	615	614	614	610	605	600	595	591	586	581	-0.7%
	Southern California Edison Company (Apple Valley Choice Energy CCA)	-	221	215	213	212	212	211	212	210	209	207	205	203	202	200	--
	Southern California Edison Company (Pico Rivera Innovative Municipal Energy CCA)	-	77	75	75	74	74	74	74	74	74	72	72	71	71	70	--
	Southern California Edison Company (Los Angeles Community Choice Energy CCA)	-	-	2,340	2,291	2,283	2,275	2,271	2,270	2,256	2,240	2,221	2,203	2,186	2,168	2,151	--
	Victorville Municipal	93	93	91	92	91	92	92	93	93	93	93	93	93	93	93	0.0%
SCE Total		100,673	99,587	98,302	97,801	97,678	97,749	97,860	98,104	97,770	97,394	96,873	96,411	95,959	95,505	95,070	-0.4%
SDGE	San Diego Gas and Electric Company (Bundled)	15,653	15,188	15,016	14,916	14,834	14,751	14,861	14,870	14,883	14,864	14,787	14,680	14,571	14,448	14,318	-0.6%
	San Diego Gas and Electric Company (Direct Access)	3,516	3,416	3,414	3,432	3,459	3,490	3,562	3,562	3,562	3,562	3,562	3,562	3,562	3,562	3,562	0.1%

SDGE Total		19,169	18,604	18,430	18,348	18,293	18,241	18,423	18,432	18,445	18,426	18,349	18,242	18,133	18,010	17,880	-0.5%
Northern California Non-CAISO	City of Redding	745	738	736	735	731	727	725	720	716	711	708	704	704	704	704	-0.4%
	City of Roseville	1,173	1,162	1,156	1,150	1,140	1,130	1,122	1,110	1,097	1,086	1,077	1,068	1,064	1,059	1,053	-0.8%
	City of Shasta Lake	197	196	196	195	194	193	192	191	190	188	187	186	185	185	184	-0.5%
	Merced Irrigation District	460	461	456	454	451	448	447	442	439	435	432	428	426	422	419	-0.7%
	Modesto Irrigation District	2,487	2,464	2,459	2,453	2,440	2,428	2,419	2,398	2,377	2,358	2,340	2,326	2,320	2,315	2,309	-0.5%
	Sacramento Municipal Utility District	10,485	10,506	10,500	10,517	10,535	10,551	10,575	10,567	10,565	10,573	10,571	10,585	10,625	10,677	10,724	0.2%
	Turlock Irrigation District	2,059	2,063	2,041	2,027	2,010	1,994	1,981	1,959	1,937	1,916	1,897	1,878	1,863	1,845	1,825	-0.9%
	WAPA (BANC)	381	382	388	393	399	405	411	417	422	428	435	440	445	450	454	1.3%
Northern California Non-CAISO Total		17,987	17,972	17,932	17,925	17,900	17,876	17,872	17,804	17,744	17,696	17,646	17,615	17,631	17,657	17,672	-0.1%
LADWP	Los Angeles Department of Water and Power	23,495	22,987	22,459	22,282	22,189	22,118	22,088	21,822	21,676	21,425	21,338	21,154	21,001	20,835	20,647	-0.9%
BUGL	City of Burbank	1,047	1,048	1,048	1,049	1,053	1,057	1,072	1,078	1,082	1,093	1,097	1,104	1,115	1,129	1,145	0.6%
	City of Glendale	1,066	1,066	1,068	1,070	1,075	1,081	1,097	1,105	1,113	1,127	1,135	1,146	1,162	1,181	1,203	0.9%
BUGL Total		2,113	2,115	2,116	2,119	2,128	2,138	2,169	2,184	2,196	2,220	2,232	2,250	2,277	2,310	2,348	0.8%
IID	Imperial Irrigation District	3,386	3,406	3,426	3,423	3,437	3,436	3,448	3,444	3,439	3,440	3,435	3,428	3,426	3,419	3,409	0.0%
VEA	Valley Electric Association, Inc.	10	10	11	11	11	11	11	12	12	12	12	12	13	13	13	1.9%
OTHER	Kirkwood Meadows Public Utility District	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.0%
	Lathrop Irrigation District	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0.0%
	Liberty Utilities	558	557	555	554	560	565	572	578	583	588	593	598	602	606	610	0.6%
	City of Needles	36	36	36	36	36	36	37	37	38	38	38	38	39	39	39	0.6%
	PacifiCorp	740	739	736	735	743	749	758	767	774	780	786	793	798	804	809	0.6%
	Surprise Valley Electrification Corporation	102	102	102	102	103	104	105	106	107	108	109	110	111	111	112	0.7%
	Truckee-Donner Public Utility District	163	163	162	162	164	165	167	169	171	172	174	175	176	177	179	0.7%
OTHER Total		1,610	1,608	1,602	1,600	1,617	1,630	1,650	1,668	1,684	1,697	1,711	1,725	1,737	1,748	1,760	0.6%
Statewide Total		262,494	260,129	256,866	255,070	254,828	254,529	254,920	254,599	253,740	253,018	252,016	251,020	250,079	249,179	248,293	-0.4%
Total Pumping Load		8,939	8,576	8,567	8,575	8,593	8,614	8,640	8,672	8,691	8,709	8,723	8,738	8,753	8,767	8,781	-0.1%
Total Statewide Retail Deliveries excluding pumping		253,555	251,553	248,299	246,495	246,235	245,915	246,280	245,927	245,049	244,309	243,293	242,282	241,326	240,412	239,512	-0.4%

This table includes retail sales and other deliveries only measured at the customer level. Losses and consumption served by self-generation are excluded. Table developed based on actual 2016 data.

Table includes sales from entities outside of California control area. Thus, total sales in row 85 are higher than state totals given in Form 1.1b.

Pacific Gas and Electric Company (Direct Access) includes BART.

Data Sources

1. Hourly Profiles (Renewable Profiles and Load Profiles)

Variable renewable profiles are created using NREL weather data (NSRDB / Wind Toolkit), and NREL's System Advisor Model (SAM), assuming 2007 weather

Historical Load profiles are based on 2007 CAISO loads

RESOLVE uses the same hourly data sources as this GHG calculator but models 37 different days from 2007-2008-2009, sampled such that these 37 days represent the full distribution as closely as possible

2. Load Modifiers Shapes

Load modifier shapes (shown in the Load Profiles tab) are taken from the RESOLVE User Interface, released on 2017-09-07, LOADS_HourlyProfiles tab

3. Emissions Factors

Values in the Emissions Factors tab are based on hourly average GHG emissions from dispatchable GHG-emitting resources in the 42mmt_Ref_20170831 scenario, released on 2017-09-07 as part of the CPUC Public Release

The CAISO Import Emissions Offset is based on data in the RESOLVE User Interface, released on 2017-09-07, tab SYS_RPS_GHG_Targets

4. Hydro Dispatch

The hydro dispatch tables on the Hydro Dispatch tab are based on the modeled dispatch patterns of the CAISO Hydro resource in the 42mmt_Ref_20170831 scenario

5. Battery Storage and Pumped Storage Dispatch

The storage charge/discharge tables on the (Pumped) Storage Dispatch tab are based on the modeled charge/discharge patterns of the Storage Mandate Batteries (1325 MW, 4 hours duration) and the Pumped Storage resources in the 42mmt_Ref_20170831 scenario

6. IEPR Form 1.1c

CEC 2017 IEPR data: TN222582 LSE and BA Tables Mid Baseline Mid AAEE-AAPV (Revised CCA). Available here:

http://docketpublic.energy.ca.gov/PublicDocuments/17-IEPR-03/TN222582_20180216T094947_LSE_and_BA_Tables_Mid_Baseline_Demand_Mid_AAEEAAPV_Revised_CCA.xlsx

7. IEPR CAISO Load Modifiers

CEC 2017 IEPR data: TN222501 CAISO Load Modifiers (Corrected) Mid Baseline Mid AAEE-AAPV CED 2017. Available here:

http://docketpublic.energy.ca.gov/PublicDocuments/17-IEPR-03/TN222501_20180209T074222_CAISO_Load_Modifiers_Corrected_Mid_Baseline_Mid_AAEEAAPV_CED_20.xlsx

Clean Net Short Calculations

			Load (MW)				Owned and Contracted Fossil (MW)				Large Hydro (MW)				Nuclear (MW)				Renewables (MW)				User-specified GHG-free Power (MW)				Battery Storage (MW)				Pumped Storage (MW)				Clean Net Short (MW)				Emission Intensity (tCO2/MWh)				Emissions from Clean Net Short (tCO2)				Emission Intensity (lbNOx/MWh)				Emission Intensity (lbPM/MWh)				Emissions from Clean Net Short (LbNOx)				Emissions from Clean Net Short (lbPM)			
Month	Day	Hour	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030	2018	2022	2026	2030
1	1	1	1,526	1,587	1,641	1,652	80	63	-	-	-	-	-	-	-	-	-	-	219	190	216	230	-	-	-	-	4	(3)	10	28	4	12	13	12	1,219	1,325	1,402	1,383	0.399	0.392	0.386	0.367	486	519	541	507	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	106	132	136	140	57	57	61	60
1	1	2	1,436	1,486	1,529	1,533	80	63	-	-	-	-	-	-	-	-	-	-	193	161	185	199	-	-	-	-	4	10	(4)	(1)	4	10	17	3	1,155	1,242	1,331	1,332	0.399	0.392	0.384	0.366	461	487	511	488	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	101	124	129	135	54	53	57	57
1	1	3	1,376	1,417	1,451	1,448	80	63	-	-	-	-	-	-	-	-	-	-	149	115	135	148	-	-	-	-	(3)	(11)	45	(31)	6	12	6	3	1,145	1,239	1,266	1,329	0.399	0.392	0.382	0.366	456	485	484	486	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	100	123	122	135	54	53	54	57
1	1	4	1,342	1,377	1,403	1,394	80	63	-	-	-	-	-	-	-	-	-	-	135	104	119	136	-	-	-	-	(3)	(2)	(15)	(16)	2	2	10	2	1,128	1,210	1,289	1,271	0.398	0.391	0.382	0.366	449	473	492	465	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	98	120	124	129	53	52	55	54
1	1	5	1,339	1,367	1,385	1,370	80	63	-	-	-	-	-	-	-	-	-	-	188	165	175	202	-	-	-	-	(4)	(2)	6	(7)	5	14	2	2	1,070	1,128	1,202	1,173	0.396	0.388	0.382	0.365	424	438	459	428	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	93	112	116	119	50	48	52	50
1	1	6	1,364	1,385	1,396	1,374	80	63	-	-	-	-	-	-	-	-	-	-	220	199	207	240	-	-	-	-	8	58	(2)	(12)	4	13	13	2	1,052	1,053	1,178	1,143	0.396	0.389	0.383	0.366	416	409	451	418	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	91	105	114	116	49	45	51	49
1	1	7	1,406	1,423	1,429	1,403	80	63	-	-	-	-	-	-	-	-	-	-	239	224	229	265	-	-	-	-	6	68	52	33	6	8	10	1	1,081	1,061	1,138	1,105	0.395	0.393	0.386	0.370	427	417	439	409	0.086	0.100	0.097	0.101	0.047	0.043	0.043	0.043	93	106	110	112	51	46	50	48
1	1	8	1,416	1,431	1,438	1,414	80	63	-	-	-	-	-	-	-	-	-	-	800	818	843	899	-	-	-	-	(3)	(5)	10	(7)	1	1	(1)	(5)	538	554	585	527	0.394	0.385	0.384	0.375	212	213	225	197	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	47	55	57	53	25	24	25	23
1	1	9	1,470	1,491	1,505	1,488	80	63	-	-	-	-	-	-	-	-	-	-	1,306	1,407	1,503	1,628	-	-	-	-	(4)	(53)	(21)	(13)	(1)	(16)	(14)	(19)	89	90	33	(108)	0.377	0.198	0.195	0.195	34	18	6	(21)	0.087	0.101	0.097	0.102	0.048	0.044	0.043	0.044	8	9	3	(11)	4	4	1	(5)
1	1	10	1,527	1,550	1,567	1,550	80	63	-	-	-	-	-	-	-	-	-	-	1,651	1,815	1,982	2,153	-	-	-	-	(7)	(46)	(58)	(94)	(1)	(19)	(18)	(30)	(196)	(262)	(339)	(480)	0.379	0.195	0.195	0.193	(74)	(51)	(66)	(49)	0.089	0.102	0.098	0.104	0.049	0.046	0.047	0.048	(17)	(27)	(33)	(50)	(10)	(12)	(16)	(23)
1	1	11	1,565	1,591	1,608	1,590	80	63	-	-	-	-	-	-	-	-	-	-	1,885	2,088	2,296	2,505	-	-	-	-	(7)	(65)	(77)	(87)	(12)	(25)	(27)	(35)	(381)	(471)	(585)	(794)	0.380	0.199	0.200	0.103	(145)	(94)	(117)	(81)	0.089	0.103	0.098	0.105	0.050	0.048	0.047	0.053	(34)	(49)	(57)	(83)	(19)	(23)	(27)	(42)
1	1	12	1,578	1,605	1,623	1,605	80	63	-	-	-	-	-	-	-	-	-	-	1,939	2,156	2,381	2,616	-	-	-	-	(13)	(65)	(81)	(90)	(19)	(26)	(28)	(40)	(409)	(523)	(649)	(880)	0.379	0.199	0.200	0.103	(155)	(104)	(130)	(90)	0.090	0.103	0.098	0.105	0.050	0.048	0.047	0.052	(37)	(54)	(64)	(92)	(20)	(25)	(30)	(46)
1	1	13	1,576	1,609	1,632	1,618	80	63	-	-	-	-	-	-	-	-	-	-	2,039	2,263	2,495	2,740	-	-	-	-	(12)	(64)	(80)	(88)	(19)	(27)	(28)	(36)	(512)	(627)	(755)	(998)	0.379	0.199	0.200	0.103	(194)	(125)	(151)	(102)	0.090	0.104	0.099	0.105	0.052	0.048	0.049	0.055	(46)	(65)	(75)	(105)	(27)	(30)	(37)	(55)
1	1	14	1,562	1,597	1,623	1,611	80	63	-	-	-	-	-	-	-	-	-	-	1,928	2,133	2,346	2,577	-	-	-	-	(14)	(68)	(73)	(69)	(18)	(26)	(28)	(31)	(414)	(505)	(623)	(865)	0.379	0.199	0.200	0.103	(157)	(101)	(124)	(89)	0.090	0.104	0.098	0.105	0.050	0.048	0.047	0.053	(37)	(52)	(61)	(91)	(21)	(24)	(29)	(46)
1	1	15	1,544	1,582	1,611	1,602	80	63	-	-	-	-	-	-	-	-	-	-	1,786	1,963	2,149	2,354	-	-	-	-	(12)	(49)	(53)	(54)	(14)	(18)	(21)	(31)	(297)	(377)	(464)	(666)	0.379	0.196	0.196	0.097	(112)	(74)	(91)	(65)	0.090	0.103	0.098	0.105	0.050	0.048	0.047	0.051	(27)	(39)	(46)	(70)	(15)	(18)	(22)	(34)
1	1	16	1,544	1,589	1,627	1,626	80	63	-	-	-	-	-	-	-	-	-	-	1,385	1,496	1,621	1,768	-	-	-	-	(2)	(28)	(2)	(7)	(2)	(14)	(14)	(19)	84	71	23	(117)	0.380	0.193	0.194	0.187	32	14	4	(22)	0.089	0.102	0.098	0.103	0.049	0.046	0.044	0.046	7	7	2	(12)	4	3	1	(5)
1	1	17	1,615	1,669	1,715	1,720	80	63	-	-	-	-	-	-	-	-	-	-	649	654	691	756	-	-	-	-	(3)	(2)	(3)	21	1	1	(0)	1	888	953	1,028	943	0.397	0.402	0.399	0.387	352	383	410	365	0.087	0.100	0.097	0.102	0.047	0.043	0.043	0.043	77	95	100	96	42	41	45	41
1	1	18	1,899	1,975	2,045	2,062	80	63	-	-	-	-	-	-	-	-	-	-	397	370	392	436	-	-	-	-	7	39	30	70	4	7	14	37	1,410	1,496	1,608	1,519	0.404	0.404	0.398	0.382	570	605	641	580	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	122	150	157	154	66	65	71	66
1	1	19	1,962	2,048	2,128	2,154	80	63	-	-	-	-	-	-	-	-	-	-	459	434	457	507	-	-	-	-	11	35	40	61	4	8	12	36	1,408	1,508	1,619	1,550	0.406	0.406	0.401	0.384	572	612	650	595	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	122	151	158	158	66	66	72	68
1	1	20	1,936	2,034	2,105	2,132	80	63	-	-	-	-	-	-	-	-	-	-	485	462	486	538	-	-	-	-	9	6	19	52	4	8	5	27	1,357	1,485	1,595	1,514	0.405	0.405	0.400	0.383	550	601	638	580	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	118	149	156	154	64	64	71	66
1	1	21	1,884	1,970	2,050	2,075	80	63	-	-	-	-	-	-	-	-	-	-	467	441	464	516	-	-	-	-	6	10	16	66	6	10	12	20	1,325	1,447	1,559	1,474	0.404	0.403	0.399	0.382	535	583	621	563	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	115	145	152	150	62	63	69	64
1	1	22	1,788	1,872	1,950	1,976	80	63	-	-	-	-	-	-	-	-	-	-	457	436	458	506	-	-	-	-	9	34	49	15	5	8	4	29	1,237	1,331	1,439	1,426	0.401	0.401	0.396	0.378	496	533	570	539	0.086	0.100	0.097	0.102	0.047	0.043	0.044	0.044	107	133	140	145	58	58	63	62
1	1	23	1,651	1,729	1,802	1,827	80	63	-	-	-	-	-	-	-	-	-	-	463	446	466	516	-	-	-	-	5	38	15	52	3	14	11	14	1,100	1,169	1,310	1,246	0.398	0.396	0.392	0.373	438	462	513	464	0.086	0.100	0.097	0.102	0.047	0.043	0.044	0.044	95	117	127	127	51	51	57	54
1	1	24	1,498	1,564	1,625	1,643	80	63	-	-	-	-	-	-	-	-	-	-	449	437	455	502	-	-	-	-	(4)	31	42	24	3	2	5	3	970	1,031	1,123	1,113	0.397	0.393	0.387	0.369	385	405	434	411	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.043	84	103	109	113	46	44	49	48
2	1	1	1,396	1,450	1,497	1,504	80	63	-	-	-	-	-	-	-	-	-	-	441	429	446	494	-	-	-	-	4	(3)	10	28	4	12	13	12	867	949	1,027	971	0.399	0.392	0.386	0.367	346	372	396	356	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	75	94	99	98	41	41	45	42
2	1	2	1,338	1,383	1,420	1,421	80	63	-	-	-	-	-	-	-	-	-	-	445	437	450	501	-	-	-	-	4	10	(4)	(1)	4	10	17	3	805	864	957	918	0.399	0.392	0.384	0.366	322	338	368	337	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	70	86	92	93	38	37	41	39
2	1	3	1,313	1,351	1,381	1,376	80	63	-	-	-	-	-	-	-	-	-	-	467	469	481	530	-	-	-	-	(3)	(11)	45	(31)	6	12	6	3	764	818	849	875	0.399	0.392	0.382	0.366	305	320	325	320	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	66	81	82	89	36	35	37	37
2	1	4	1,309	1,341	1,365	1,355	80	63	-	-	-	-	-	-	-	-	-	-	429	429	438	487	-	-	-	-	(3)	(2)	(15)	(16)	2	2	10	2	801	849	931	882	0.398	0.391	0.382	0.366	318	332	356	323	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	70	85	90	89	38	36	40	38
2	1	5	1,350	1,379	1,398	1,383	80	63	-	-	-	-	-	-	-	-	-	-	406	408	415	461	-	-	-	-	(4)	(2)	6	(7)	5	14	2	2	864	897	975	927	0.396	0.388	0.382	0.365	342	348	372	338	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	75	89	94	94	41	38	42	40
2	1	6	1,470	1,497	1,514	1,495	80	63	-	-	-	-	-	-	-	-	-	-	429	437	447	489	-	-	-	-	8	58	(2)	(12)	4	13	13	2	949	925	1,056	1,015	0.396	0.389	0.383	0.366	375	360	404	371	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	82	92	102	103	44	40	46	44
2	1	7	1,647	1,679	1,699	1,679	80	63	-	-	-	-	-	-	-	-	-	-	405	409	418	459	-	-	-	-	0	68	52	33	6	8	10	1	1,156	1,131	1,219	1,186	0.395	0.393	0.386	0.370	457	445	470	439	0.086	0.100	0.097	0.101	0.047	0.043	0.043	0.043	100	113	118	120	54	49	53	51
2	1	8	1,749	1,784	1,809	1,794	80	63	-	-	-	-	-	-	-	-	-	-	929	959	981	1,042	-	-	-	-	(3)	(5)	10	(7)	1	1	(1)	(5)	742	766	819	765	0.394	0.385	0.384	0.375	292	295	314	287	0.087	0.100	0.097	0.101	0.047	0.043	0.044	0.043	64	76	79	78	35	33	36	33
2	1	9	1,832	1,875	1,909	1,901	80	63	-	-	-	-	-	-	-	-	-	-	1,395	1,487	1,565	1,677	-	-	-	-	(4)	(53)	(21)	(13)	(1)	(16)	(14)	(19)	362	394	379	256	0.377	0.196	0.195	0.195	136	77	74	50	0.087	0.101	0.097	0.102	0.048	0.044	0.043	0.044	32	40	27	26	17	17	16	11
2	1	10	1,884	1,929	1,965	1,958	80	63	-	-	-	-	-	-	-	-	-	-	1,663	1,818	1,950	2,106	-	-	-	-	(7)	(46)	(58)	(94)	(1)	(19)	(18)	(30)	150	113	91	(26)	0.379	0.195	0.195	0.193	57	22	18	(3)	0.089	0.102	0.098	0.104	0.049	0.046	0.047	0.048	13	12	9	(3)	7	5	4	(1)
2	1	11	1,924	1,971	2,009	2,000	80	63	-	-	-	-	-	-	-	-	-	-	1,798	1,995	2,164	2,353	-	-	-	-	(7)	(65)	(77)	(87)	(12)	(25)	(27)	(35)	65	3	(52)	(231)	0.380	0.199	0.200	0.103	25	1	(10)	(24)	0.089	0.103	0.098	0.105	0.050	0.048	0.047	0.053	6	0	(5)	(24)	3	0	(2)	(12)
2	1	12	1,925	1,973	2,011	2,000	80	63	-	-	-	-	-	-	-	-	-	-	1,901	2,119	2,309	2,521	-	-	-	-	(13)	(65)	(81)	(90)	(19)	(26)	(28)	(40)	(24)	(117)	(189)	(389)	0.379	0.199	0.200	0.103	(9)	(23)	(38)	(40)	0.090	0.103	0.098	0.105	0.050	0.048	0.047	0.052	(2)	(12)	(19)	(41)	(1)	(6)	(9)	(20)
2	1	13	1,906	1,958	2,000	1,995	80	63	-	-	-	-	-	-	-	-	-	-	1,511	2,128	2,317	2,530	-	-	-	-	(12)	(64)	(80)	(88)	(19)	(27)	(28)	(36)	(54)	(142)	(209)	(410)	0.379	0.199	0.200	0.103	(21)	(28)	(42)	(42)	0.090	0.104	0.099	0.105	0.052	0.048	0.049	0.055	(5)	(15)	(21)	(43)	(3)	(7)	(10)	(22)
2	1	14	1,892	1,946	1,991	1,988	80	63	-	-	-	-	-	-	-	-	-	-	1,861	2,051	2,218	2,414	-	-	-	-	(14)	(68)	(73)	(69)	(18)	(26)	(28)	(31)	(17)	(75)	(127)	(325)	0.379	0.199	0.200	0.103	(7)	(15)	(25)	(33)	0.090	0.104	0.098	0.105	0.050	0.048	0.047	0.053	(2)	(8)	(13)	(34)	(1)	(4)	(6)	(17)
2	1	15	1,882	1,940	1,988	1,988	80	63	-	-	-	-	-	-	-	-	-	-	1,648	1,802	1,937	2,108	-	-	-	-	(12)	(49)	(53)	(54)	(14)	(18)	(21)	(31)	180	142	124	(34)	0.379	0.196	0.196	0.097	68	28	24	(3)	0.090	0.103	0.098	0.105	0.050	0.048	0.047	0.051	16	15	12	(4)	9	7	6	(2)
2	1	16	1,866	1,929	1,985	1,993	80	63	-	-	-	-	-	-	-	-	-	-	1,165	1,261	1,346	1,469	-	-	-	-	(2)	(28)	(2)	(7)	(2)	(14)	(14)	(19)	625	647	657	550	0.380	0.193	0.194	0.187	237	125	127	101	0.089	0.102	0.098	0.103	0.049	0.046	0.044	0.046	55	66	64	57	31	30	29	25
2	1	17	1,892	1,962	2,025	2,037	80	63	-	-	-	-	-	-	-	-	-	-	483	500	508	563	-	-	-	-	(3)	(2)	(3)	21	1	1	(0)	1	1,332	1,400	1,521	1,453	0.397	0.402	0.399	0.387	528	563	606	562	0.087	0.100	0.097	0.102	0.047	0.043	0.043	0.043	115	140	147	148	63	60	66	63
2	1	18	2,138	2,228	2,311	2,335	80	63	-	-	-	-	-	-	-	-	-	-	224	227	251	259	-	-	-	-	7	39	30	70	4	7	14	37	1,822	1,892	2,045	1,968	0.404	0.404	0.398	0.382	737	765	815	752	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	158	189	199	200	86	82	90	86
2	1	19	2,178	2,277	2,370	2,400	80	63	-	-	-	-	-	-	-	-	-	-	244	254	249	285	-	-	-	-	11	35	40	61	4	8	12	36	1,839	1,917	2,069	2,019	0.406	0.406	0.401	0.384	747	778	830	775	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	160	192	202	205	87	83	92	88
2	1	20	2,135	2,234	2,327	2,359	80	63	-	-	-	-	-	-	-	-	-	-	226	231	226	263	-	-	-	-	9	6	19	52	4	8	5	27	1,815	1,926	2,076	2,017	0.405	0.405	0.400	0.383	736	780	830	772	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	157	193	202	205	85	84	92	88
2	1	21	2,059	2,155	2,244	2,274	80	63	-	-	-	-	-	-	-	-	-	-	209	209	204	242	-	-	-	-	6	10	16	66	6	10	12	20	1,757	1,862	2,013	1,947	0.404	0.403	0.399	0.382	710	751	802	743	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.044	152	186	196	198	83	81	89	85
2	1	22	1,931	2,023	2,109	2,139	80	63	-	-	-	-	-	-	-	-	-	-	182	180	175	209	-	-	-	-	9	34	49	15	5	8	4	29	1,655	1,738	1,886	1,886	0.401	0.401	0.396	0.378	663	697	745	713	0.086	0.100	0.097	0.102	0.047	0.043	0.044	0.044	143	174	183	192	78	75	83	82
2	1	23	1,771	1,856	1,936	1,963	80	63	-	-	-	-	-	-	-	-	-	-	181	181	177	208	-	-	-	-	5	38	15	52	3	14	11	14	1,501	1,561	1,732	1,690	0.398	0.396	0.392	0.373	597	617	678	630	0.086	0.100	0.097	0.102	0.047	0.043	0.044	0.044	130	156	168	172	70	68	76	74
2	1	24	1,608	1,680	1,748	1,768	80	63	-	-	-	-	-	-	-	-	-	-	177	178	175	204	-	-	-	-	(4)	31	42	24	3	2	5	3	1,352	1,406	1,526	1,537	0.397	0.393	0.387	0.369	537	552	590	567	0.087	0.100	0.097	0.102	0.047	0.043	0.044	0.043	117	140	148	156	64	61	66	67
3	1	1	1,495	1,554	1,607	1,617	80	63	-	-	-	-	-	-	-	-	-	-	146	143	140	168	-	-	-	-	4	(3)	10	28	4	12	13	12	1,261	1,339	1,443	1,410	0.399	0.392	0.386	0.367	503	525	557	517	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	110	133	140	143	59	57	63	61
3	1	2	1,428	1,478	1,521	1,524	80	63	-	-	-	-	-	-	-	-	-	-	111	105	103	126	-	-	-	-	4	10	(4)	(1)	4	10	17	3	1,229	1,291	1,405	1,396	0.399	0.392	0.384	0.366	491	506	540	512	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	107	128	136	142	58	55	61	60
3	1	3	1,392	1,435	1,470	1,467	80	63	-	-	-	-	-	-	-	-	-	-	90	81	80	100	-	-	-	-	(3)	(11)	45	(31)	6	12	6	3	1,220	1,290	1,339	1,396	0.399	0.392	0.382	0.366	487	505	512	511	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	106	128	129	142	58	55	58	60
3	1	4	1,388	1,425	1,453	1,445	80	63	-	-	-	-	-	-	-	-	-	-	86	81	80	97	-	-	-	-	(3)	(2)	(15)	(16)	2	2	10	2	1,222	1,280	1,377	1,362	0.398	0.391	0.382	0.366	486	501	526	498	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	106	127	133	138	58	55	59	58
3	1	5	1,424	1,457	1,481	1,468	80	63	-	-	-	-	-	-	-	-	-	-	70	63	63	77	-	-	-	-	(4)	(2)	6	(7)	5	14	2	2	1,274	1,320	1,410	1,397	0.396	0.388	0.382	0.365	504	513	539	510	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	111	131	136	142	60	56	61	60
3	1	6	1,536	1,567	1,588	1,570	80	63	-	-	-	-	-	-	-	-	-	-	60	53	53	65	-	-	-	-	8	58	(2)	(12)	4	13	13	2	1,384	1,380	1,524	1,515	0.396	0.389	0.383	0.366	548	537	583	554	0.087	0.100	0.097	0.101	0.047	0.043	0.043	0.043	120	137	147	154	65	59	66	65
3	1	7	1,712	1,747	1,771	1,753	80	63	-	-	-	-	-	-	-	-	-	-	72	66	66	78	-	-	-	-	0	68	52	33	6	8	10	1	1,554	1,543	1,643	1,641	0.395	0.393	0.386	0.370	614	607	634	608	0.086	0.100	0.097	0.101	0.047	0.043	0.044	0.043	134	154	159	166	73	67	72	71
3	1	8	1,832	1,872	1,902	1,888	80	63	-	-	-	-	-	-	-	-	-	-	413	419	431	451	-	-	-	-	(3)	(5)	10	(7)	1	1	(1)	(5)	1,341	1,393	1,462	1,450	0.394	0.385	0.384	0.375	528	537	561	543	0.087	0.100	0.097	0.101	0.047	0.043	0.044	0.043	116	139	141	147	63	60	64	63
3	1	9	1,898	1,944	1,982	1,976	80	63	-	-	-	-	-	-	-	-	-	-	978	1,060	1,146	1,225	-	-	-	-	(4)	(53)	(21)	(13)	(1)	(16)	(14)	(19)	845	890	871	782	0.377	0.196	0.195	0.195	318	174	170	153	0.087	0.101	0.097	0.102	0.048	0.044	0.043	0.044	74	90	85	80	40	39	38	34
3	1	10	1,929	1,977	2,016	2,009	80	63	-	-	-	-	-	-	-	-	-	-	1,450	1,596	1,750	1,884	-	-	-	-	(7)	(46)	(58)	(94)	(1)	(19)	(18)	(30)	408	383	342	248	0.379	0.195	0.195	0.193	154	75	67	25	0.089	0.102	0.098	0.104

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CAISO Peak and Energy Forecasts: CED 2017 Forecast, Mid Baseline-Mid AAEE/AAPV

Coincident Peak 1 in 2 (MW)			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1	Noncoincident Peak End Use Consumption (sum of TACs)		48588	49136	49735	50665	51513	52455	53403	54154	54932	55620	56294
2		1 Includes EVs	30	63	108	165	227	286	369	437	513	548	603
3		1 Includes Other Electrification	9	17	25	33	39	46	53	61	70	78	82
4		1 Includes Incremental Climate Change Impacts	0	0	43	88	132	179	226	275	324	374	424
5	Estimated Losses (sum of TACs)		3777	3747	3743	3768	3800	3836	3866	3886	3912	3932	3962
6	Gross Generation for Noncoincident Peak End Use Consumption (1 plus 5)		52365	52883	53479	54433	55313	56292	57270	58041	58844	59552	60256
7	Self-Generation Corresponding to Noncoincident Peak End Use Consumption (committed)		4819	5726	6357	7009	7490	8021	8607	9130	9619	10085	10430
8		7 Includes Photovoltaic	2830	3388	3865	4317	4709	5153	5653	6090	6496	6881	7144
9		7 Includes Other Private Generation	1899	2064	2076	2086	2096	2105	2113	2120	2125	2130	2135
10		7 includes Storage	90	273	416	606	685	763	842	920	997	1074	1151
11	Load-Modifying Demand Response		107	144	170	173	169	175	173	189	193	198	205
12		11 Includes Non-Event DR	0	16	31	12	13	14	7	16	15	16	16
13		11 Includes Event-Based DR	107	128	139	161	156	161	167	173	178	183	189
14	Baseline Net Load Corresponding to Noncoincident Peak End Consumption (6 minus 7 minus 11)*		47439	47013	46952	47251	47654	48095	48489	48722	49033	49269	49621
15	Peak Shift Impact, Baseline Forecast		480	702	869	888	1090	1283	1519	1668	2042	2244	2276
16	*Baseline Net Peak, Noncoincident (14 plus 15)*		47920	47715	47821	48139	48745	49378	50008	50391	51075	51513	51897
17	Coincidence Factor		0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965
18	*Baseline Net Peak, Coincident*		46243	46045	46147	46454	47039	47650	48258	48627	49287	49710	50080
19	AAEE Savings Corresponding to Noncoincident Peak End Use Consumption (plus losses)		0	375	759	1163	1595	2025	2644	3242	3819	4370	4889
20	AAPV Generation Corresponding to Noncoincident Peak End Use Consumption (plus avoided losses)		0	0	0	64	152	241	331	424	515	604	683
21	Managed Net Load Corresponding to Noncoincident Peak End Consumption (14 minus 19 minus 20)*		47439	46638	46193	46024	45908	45828	45514	45056	44699	44294	44050
22	Peak Shift Impact, Managed Forecast		480	710	884	936	1209	1456	1900	2159	2646	2962	3126
23	*Managed Net Peak, Noncoincident (21 plus 22)*		47920	47347	47077	46960	47116	47284	47414	47214	47345	47256	47175
24	Coincidence Factor		0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965	0.965
25	*Managed Net Peak, Coincident*		46243	45690	45429	45317	45467	45629	45755	45562	45688	45602	45524

* This is the "traditional" (no peak shift) net peak estimate

Sales/Energy (GWh)*			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
26	Total Consumption		235718	238319	240656	244433	248401	252914	257387	260956	264624	267727	270814
27		26 Includes EVs	1204	1618	2164	2866	3630	4533	5482	6396	7343	7987	8686
28		26 Includes Other Electrification	63	115	167	222	262	306	356	408	464	520	544
29		26 Includes Incremental Climate Change Impacts	0	71	143	215	287	362	437	511	586	660	736
30	Consumption from Self-Generation (committed)		23427	26830	28795	30534	32292	34021	35691	37305	38844	40299	41680
31		30 Includes Photovoltaic	10255	12250	14093	15762	17456	19126	20744	22314	23816	25240	26591
32		30 Includes Other Private Generation	13173	14581	14702	14772	14836	14896	14947	14991	15028	15058	15089
33	*Baseline Sales (26 minus 30)*		212290	211488	211861	213899	216109	218892	221696	223651	225781	227428	229134
34	Estimated Losses		16850	16768	16775	16924	17081	17285	17484	17620	17775	17890	18007
35	*Baseline Total Energy to Serve Load (33 plus 34)*		229140	228257	228635	230823	233190	236177	239181	241272	243556	245318	247142
36	AAEE Savings (customer side)		251	2157	4141	6180	8320	10437	12952	15280	17572	19801	22016
37	AAEE Savings (including losses)		271	2332	4476	6681	8993	11281	13998	16512	18988	21395	23788
38	AAPV Generation					160	461	765	1068	1369	1671	1973	2269
39	AAPV Generation (plus avoided losses)					173	498	827	1154	1480	1806	2132	2453
40	*Managed Sales (33 minus 36 minus 38)*		212040	209331	207720	207559	207329	207691	207677	207003	206538	205655	204849
41	*Managed Total Energy to Serve Load (35 minus 37 minus 39)*		228869	225925	224159	223970	223699	224070	224029	223280	222761	221791	220901

			Default Shapes (normalized to annual total; MW/annual MWh)					
Month	Day	Hour	Baseline Load	EV - Home Charging	EV - Home and Work Charging	Other Electrification	Building Electrification	Energy Efficiency
1	1	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	1	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	1	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	1	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	1	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009
1	1	6	0.00008	0.00002	0.00002	0.00008	0.00021	0.00010
1	1	7	0.00008	0.00001	0.00004	0.00008	0.00022	0.00011
1	1	8	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012
1	1	9	0.00009	0.00003	0.00013	0.00009	0.00020	0.00012
1	1	10	0.00009	0.00003	0.00013	0.00009	0.00018	0.00012
1	1	11	0.00009	0.00004	0.00011	0.00009	0.00015	0.00012
1	1	12	0.00009	0.00005	0.00010	0.00009	0.00013	0.00012
1	1	13	0.00009	0.00007	0.00010	0.00009	0.00012	0.00012
1	1	14	0.00009	0.00009	0.00011	0.00009	0.00012	0.00012
1	1	15	0.00009	0.00010	0.00012	0.00009	0.00012	0.00012
1	1	16	0.00009	0.00014	0.00014	0.00009	0.00012	0.00012
1	1	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
1	1	18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013
1	1	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
1	1	20	0.00011	0.00025	0.00020	0.00011	0.00015	0.00013
1	1	21	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012
1	1	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	1	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	1	24	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009
1	2	1	0.00008	0.00014	0.00009	0.00008	0.00018	0.00009
1	2	2	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009
1	2	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	2	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	2	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009
1	2	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	2	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
1	2	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012
1	2	9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012
1	2	10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012
1	2	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	2	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	2	13	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012
1	2	14	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012
1	2	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012
1	2	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	2	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	2	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	2	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	2	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	2	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	2	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	2	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	2	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	3	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	3	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	3	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	3	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	3	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	3	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	3	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
1	3	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012
1	3	9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012
1	3	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012

	Active Shapes					
	Baseline Load	EV - Home Charging	EV - Home and Work Charging	Other Electrification	Building Electrification	Energy Efficiency
1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009
6	0.00008	0.00002	0.00002	0.00008	0.00021	0.00010
7	0.00008	0.00001	0.00004	0.00008	0.00022	0.00011
8	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012
9	0.00009	0.00003	0.00013	0.00009	0.00020	0.00012
10	0.00009	0.00003	0.00013	0.00009	0.00018	0.00012
11	0.00009	0.00004	0.00011	0.00009	0.00015	0.00012
12	0.00009	0.00005	0.00010	0.00009	0.00013	0.00012
13	0.00009	0.00007	0.00010	0.00009	0.00012	0.00012
14	0.00009	0.00009	0.00011	0.00009	0.00012	0.00012
15	0.00009	0.00010	0.00012	0.00009	0.00012	0.00012
16	0.00009	0.00014	0.00014	0.00009	0.00012	0.00012
17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013
19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
20	0.00011	0.00025	0.00020	0.00011	0.00015	0.00013
21	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012
22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
24	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009
1	0.00008	0.00014	0.00009	0.00008	0.00018	0.00009
2	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009
3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009
6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012
9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012
10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012
11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
13	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012
14	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012
15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012
16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012
9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012
10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012

		Month-hour shapes			
Month	Hour	EV - Home Charging	EV - Home and Work Charging	Building Electrification	Energy Efficiency
1	1	0.00014	0.00009	0.00018	0.00009
1	2	0.00010	0.00007	0.00019	0.00009
1	3	0.00007	0.00005	0.00019	0.00009
1	4	0.00005	0.00003	0.00020	0.00009
1	5	0.00003	0.00002	0.00020	0.00009
1	6	0.00002	0.00002	0.00021	0.00010
1	7	0.00001	0.00004	0.00022	0.00011
1	8	0.00002	0.00008	0.00022	0.00012
1	9	0.00003	0.00013	0.00020	0.00012
1	10	0.00003	0.00013	0.00018	0.00012
1	11	0.00004	0.00011	0.00015	0.00012
1	12	0.00005	0.00010	0.00013	0.00012
1	13	0.00007	0.00010	0.00012	0.00012
1	14	0.00009	0.00011	0.00012	0.00012
1	15	0.00010	0.00012	0.00012	0.00012
1	16	0.00014	0.00014	0.00012	0.00012
1	17	0.00017	0.00016	0.00014	0.00012
1	18	0.00021	0.00019	0.00014	0.00013
1	19	0.00024	0.00020	0.00015	0.00013
1	20	0.00025	0.00020	0.00015	0.00013
1	21	0.00024	0.00018	0.00015	0.00012
1	22	0.00023	0.00017	0.00016	0.00011
1	23	0.00022	0.00015	0.00017	0.00010
1	24	0.00018	0.00012	0.00018	0.00009
2	1	0.00014	0.00009	0.00016	0.00009
2	2	0.00010	0.00007	0.00017	0.00008
2	3	0.00007	0.00005	0.00018	0.00008
2	4	0.00005	0.00003	0.00018	0.00008
2	5	0.00003	0.00002	0.00019	0.00009
2	6	0.00002	0.00002	0.00019	0.00010
2	7	0.00001	0.00004	0.00020	0.00011
2	8	0.00001	0.00009	0.00019	0.00012
2	9	0.00003	0.00014	0.00018	0.00012
2	10	0.00003	0.00014	0.00015	0.00012
2	11	0.00004	0.00011	0.00013	0.00012
2	12	0.00005	0.00010	0.00012	0.00012
2	13	0.00007	0.00010	0.00011	0.00012
2	14	0.00009	0.00011	0.00011	0.00012
2	15	0.00010	0.00012	0.00010	0.00012
2	16	0.00013	0.00014	0.00011	0.00012
2	17	0.00017	0.00016	0.00012	0.00012
2	18	0.00021	0.00019	0.00012	0.00012
2	19	0.00025	0.00021	0.00013	0.00012
2	20	0.00025	0.00020	0.00013	0.00012
2	21	0.00025	0.00018	0.00013	0.00012
2	22	0.00023	0.00017	0.00013	0.00011
2	23	0.00022	0.00015	0.00014	0.00010
2	24	0.00018	0.00012	0.00015	0.00009
3	1	0.00014	0.00009	0.00015	0.00009
3	2	0.00010	0.00006	0.00016	0.00008
3	3	0.00007	0.00005	0.00017	0.00008
3	4	0.00005	0.00003	0.00018	0.00008
3	5	0.00003	0.00002	0.00019	0.00009
3	6	0.00002	0.00002	0.00019	0.00010
3	7	0.00001	0.00004	0.00019	0.00011
3	8	0.00001	0.00009	0.00017	0.00012
3	9	0.00003	0.00014	0.00015	0.00012
3	10	0.00003	0.00014	0.00012	0.00012

1	3	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	3	11	0.00004	0.00011	0.00011	0.00012
1	3	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	3	12	0.00005	0.00010	0.00009	0.00012
1	3	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	3	13	0.00007	0.00010	0.00009	0.00012
1	3	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	3	14	0.00009	0.00011	0.00009	0.00012
1	3	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	3	15	0.00010	0.00012	0.00009	0.00012
1	3	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	3	16	0.00013	0.00014	0.00009	0.00012
1	3	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	3	17	0.00017	0.00016	0.00010	0.00012
1	3	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	3	18	0.00022	0.00019	0.00010	0.00012
1	3	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	3	19	0.00025	0.00021	0.00011	0.00012
1	3	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	3	20	0.00026	0.00020	0.00011	0.00012
1	3	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	3	21	0.00025	0.00018	0.00011	0.00012
1	3	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	3	22	0.00023	0.00017	0.00012	0.00011
1	3	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	3	23	0.00022	0.00015	0.00013	0.00010
1	3	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	3	24	0.00018	0.00012	0.00014	0.00009
1	4	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	4	1	0.00014	0.00009	0.00012	0.00008
1	4	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	4	2	0.00010	0.00006	0.00013	0.00008
1	4	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	4	3	0.00007	0.00005	0.00014	0.00008
1	4	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	4	4	0.00005	0.00003	0.00015	0.00008
1	4	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009	4	5	0.00003	0.00002	0.00017	0.00009
1	4	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	4	6	0.00002	0.00002	0.00018	0.00010
1	4	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	4	7	0.00001	0.00004	0.00017	0.00011
1	4	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	4	8	0.00001	0.00009	0.00016	0.00012
1	4	9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012	4	9	0.00003	0.00014	0.00014	0.00012
1	4	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	4	10	0.00003	0.00014	0.00012	0.00012
1	4	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	4	11	0.00004	0.00011	0.00011	0.00012
1	4	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	4	12	0.00005	0.00010	0.00010	0.00012
1	4	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	4	13	0.00007	0.00010	0.00009	0.00012
1	4	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	4	14	0.00009	0.00011	0.00009	0.00012
1	4	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	4	15	0.00010	0.00012	0.00009	0.00012
1	4	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	4	16	0.00013	0.00014	0.00009	0.00012
1	4	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	4	17	0.00017	0.00016	0.00009	0.00011
1	4	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	4	18	0.00022	0.00019	0.00010	0.00011
1	4	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	4	19	0.00025	0.00021	0.00011	0.00012
1	4	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	4	20	0.00026	0.00020	0.00010	0.00011
1	4	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	4	21	0.00025	0.00018	0.00010	0.00011
1	4	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	4	22	0.00023	0.00017	0.00010	0.00010
1	4	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	4	23	0.00022	0.00015	0.00010	0.00009
1	4	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	4	24	0.00018	0.00012	0.00011	0.00008
1	5	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	5	1	0.00014	0.00009	0.00010	0.00009
1	5	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	5	2	0.00010	0.00007	0.00010	0.00008
1	5	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	5	3	0.00007	0.00005	0.00010	0.00008
1	5	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	5	4	0.00005	0.00003	0.00011	0.00009
1	5	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	5	5	0.00003	0.00002	0.00012	0.00009
1	5	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	5	6	0.00002	0.00002	0.00013	0.00011
1	5	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	5	7	0.00001	0.00004	0.00013	0.00011
1	5	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	5	8	0.00002	0.00008	0.00012	0.00012
1	5	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	5	9	0.00003	0.00013	0.00011	0.00013
1	5	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	5	10	0.00003	0.00013	0.00010	0.00013
1	5	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	5	11	0.00004	0.00011	0.00009	0.00013
1	5	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	5	12	0.00005	0.00010	0.00008	0.00012
1	5	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	5	13	0.00007	0.00010	0.00008	0.00012
1	5	14	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012	5	14	0.00009	0.00011	0.00008	0.00012
1	5	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	5	15	0.00010	0.00012	0.00008	0.00012
1	5	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	5	16	0.00014	0.00014	0.00008	0.00012
1	5	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	5	17	0.00017	0.00016	0.00008	0.00011
1	5	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	5	18	0.00021	0.00019	0.00009	0.00011
1	5	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	5	19	0.00024	0.00020	0.00010	0.00012
1	5	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	5	20	0.00025	0.00020	0.00010	0.00012
1	5	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	5	21	0.00024	0.00018	0.00009	0.00011
1	5	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	5	22	0.00023	0.00017	0.00009	0.00010
1	5	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	5	23	0.00022	0.00015	0.00010	0.00009
1	5	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	5	24	0.00018	0.00012	0.00010	0.00009

1	6	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	6	1	0.00014	0.00009	0.00008	0.00009
1	6	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	6	2	0.00010	0.00006	0.00008	0.00009
1	6	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	6	3	0.00007	0.00005	0.00008	0.00009
1	6	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	6	4	0.00005	0.00003	0.00009	0.00009
1	6	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	6	5	0.00003	0.00002	0.00009	0.00010
1	6	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	6	6	0.00002	0.00002	0.00009	0.00011
1	6	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	6	7	0.00001	0.00004	0.00009	0.00012
1	6	8	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012	6	8	0.00001	0.00009	0.00009	0.00013
1	6	9	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	6	9	0.00003	0.00014	0.00009	0.00013
1	6	10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012	6	10	0.00003	0.00014	0.00008	0.00014
1	6	11	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012	6	11	0.00004	0.00011	0.00008	0.00014
1	6	12	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012	6	12	0.00005	0.00010	0.00007	0.00014
1	6	13	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	6	13	0.00007	0.00010	0.00007	0.00014
1	6	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	6	14	0.00009	0.00011	0.00007	0.00014
1	6	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	6	15	0.00010	0.00012	0.00007	0.00014
1	6	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	6	16	0.00013	0.00014	0.00007	0.00014
1	6	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	6	17	0.00017	0.00016	0.00007	0.00013
1	6	18	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	6	18	0.00022	0.00019	0.00007	0.00013
1	6	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	6	19	0.00025	0.00021	0.00008	0.00013
1	6	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	6	20	0.00026	0.00020	0.00008	0.00013
1	6	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	6	21	0.00025	0.00018	0.00008	0.00012
1	6	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	6	22	0.00023	0.00017	0.00008	0.00011
1	6	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	6	23	0.00022	0.00015	0.00008	0.00010
1	6	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	6	24	0.00018	0.00012	0.00008	0.00009
1	7	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	7	1	0.00014	0.00009	0.00008	0.00009
1	7	2	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009	7	2	0.00010	0.00007	0.00008	0.00009
1	7	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	7	3	0.00007	0.00005	0.00008	0.00009
1	7	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	7	4	0.00005	0.00003	0.00008	0.00010
1	7	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009	7	5	0.00003	0.00002	0.00008	0.00010
1	7	6	0.00008	0.00002	0.00002	0.00008	0.00021	0.00010	0.00008	0.00002	0.00002	0.00008	0.00021	0.00010	7	6	0.00002	0.00002	0.00009	0.00011
1	7	7	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011	7	7	0.00001	0.00004	0.00009	0.00012
1	7	8	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012	7	8	0.00001	0.00009	0.00008	0.00013
1	7	9	0.00009	0.00003	0.00013	0.00009	0.00020	0.00012	0.00009	0.00003	0.00013	0.00009	0.00020	0.00012	7	9	0.00003	0.00014	0.00008	0.00014
1	7	10	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012	7	10	0.00003	0.00014	0.00008	0.00014
1	7	11	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012	7	11	0.00004	0.00011	0.00007	0.00014
1	7	12	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012	7	12	0.00005	0.00010	0.00007	0.00014
1	7	13	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	7	13	0.00007	0.00010	0.00007	0.00015
1	7	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	7	14	0.00009	0.00011	0.00007	0.00015
1	7	15	0.00009	0.00010	0.00012	0.00009	0.00012	0.00012	0.00009	0.00010	0.00012	0.00009	0.00012	0.00012	7	15	0.00010	0.00012	0.00007	0.00015
1	7	16	0.00009	0.00014	0.00014	0.00009	0.00012	0.00012	0.00009	0.00014	0.00014	0.00009	0.00012	0.00012	7	16	0.00013	0.00014	0.00007	0.00015
1	7	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	7	17	0.00017	0.00016	0.00007	0.00014
1	7	18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013	7	18	0.00021	0.00019	0.00007	0.00014
1	7	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	7	19	0.00025	0.00021	0.00008	0.00013
1	7	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	7	20	0.00025	0.00020	0.00008	0.00013
1	7	21	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012	7	21	0.00025	0.00018	0.00008	0.00012
1	7	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	7	22	0.00023	0.00017	0.00008	0.00011
1	7	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	7	23	0.00022	0.00015	0.00008	0.00010
1	7	24	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009	7	24	0.00018	0.00012	0.00008	0.00009
1	8	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	8	1	0.00014	0.00009	0.00008	0.00009
1	8	2	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009	8	2	0.00010	0.00007	0.00009	0.00009
1	8	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	8	3	0.00007	0.00005	0.00009	0.00009
1	8	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	8	4	0.00005	0.00003	0.00009	0.00010
1	8	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	8	5	0.00003	0.00002	0.00009	0.00010
1	8	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	8	6	0.00002	0.00002	0.00009	0.00011
1	8	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	8	7	0.00001	0.00004	0.00009	0.00012
1	8	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	8	8	0.00001	0.00009	0.00009	0.00013
1	8	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	8	9	0.00003	0.00014	0.00008	0.00014
1	8	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	8	10	0.00003	0.00014	0.00008	0.00014
1	8	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	8	11	0.00004	0.00011	0.00007	0.00014
1	8	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	8	12	0.00005	0.00010	0.00007	0.00015
1	8	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	8	13	0.00007	0.00010	0.00007	0.00015
1	8	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	8	14	0.00009	0.00011	0.00006	0.00015

1	8	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	8	15	0.00010	0.00012	0.00006	0.00015
1	8	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	8	16	0.00013	0.00014	0.00007	0.00015
1	8	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	8	17	0.00017	0.00016	0.00007	0.00014
1	8	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	8	18	0.00021	0.00019	0.00007	0.00014
1	8	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	8	19	0.00025	0.00021	0.00008	0.00014
1	8	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	8	20	0.00025	0.00020	0.00008	0.00013
1	8	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	8	21	0.00025	0.00018	0.00008	0.00013
1	8	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	8	22	0.00023	0.00017	0.00008	0.00011
1	8	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	8	23	0.00022	0.00015	0.00008	0.00010
1	8	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	8	24	0.00018	0.00012	0.00008	0.00010
1	9	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	9	1	0.00014	0.00009	0.00008	0.00009
1	9	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	9	2	0.00010	0.00006	0.00009	0.00009
1	9	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	9	3	0.00007	0.00005	0.00009	0.00009
1	9	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	9	4	0.00005	0.00003	0.00009	0.00009
1	9	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	9	5	0.00003	0.00002	0.00009	0.00010
1	9	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	9	6	0.00002	0.00002	0.00009	0.00011
1	9	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	9	7	0.00001	0.00004	0.00009	0.00012
1	9	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	9	8	0.00001	0.00009	0.00009	0.00013
1	9	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	9	9	0.00003	0.00014	0.00009	0.00014
1	9	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	9	10	0.00003	0.00014	0.00008	0.00014
1	9	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	9	11	0.00004	0.00011	0.00008	0.00014
1	9	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	9	12	0.00005	0.00010	0.00007	0.00014
1	9	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	9	13	0.00007	0.00010	0.00007	0.00015
1	9	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	9	14	0.00009	0.00011	0.00007	0.00015
1	9	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	9	15	0.00010	0.00012	0.00007	0.00015
1	9	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	9	16	0.00013	0.00014	0.00007	0.00015
1	9	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	9	17	0.00017	0.00016	0.00007	0.00014
1	9	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	9	18	0.00022	0.00019	0.00008	0.00014
1	9	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	9	19	0.00025	0.00021	0.00008	0.00014
1	9	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	9	20	0.00026	0.00020	0.00008	0.00013
1	9	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	9	21	0.00025	0.00018	0.00008	0.00012
1	9	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	9	22	0.00023	0.00017	0.00008	0.00011
1	9	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	9	23	0.00022	0.00015	0.00008	0.00010
1	9	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	9	24	0.00018	0.00012	0.00008	0.00009
1	10	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	10	1	0.00014	0.00009	0.00010	0.00009
1	10	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	10	2	0.00010	0.00007	0.00010	0.00009
1	10	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	10	3	0.00007	0.00005	0.00010	0.00009
1	10	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	10	4	0.00005	0.00003	0.00011	0.00009
1	10	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	10	5	0.00003	0.00002	0.00011	0.00010
1	10	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	10	6	0.00002	0.00002	0.00012	0.00011
1	10	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	10	7	0.00001	0.00004	0.00013	0.00012
1	10	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	10	8	0.00002	0.00008	0.00013	0.00012
1	10	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	10	9	0.00003	0.00013	0.00011	0.00013
1	10	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	10	10	0.00003	0.00013	0.00010	0.00013
1	10	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	10	11	0.00004	0.00011	0.00009	0.00013
1	10	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	10	12	0.00005	0.00010	0.00008	0.00013
1	10	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	10	13	0.00007	0.00010	0.00008	0.00013
1	10	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	10	14	0.00009	0.00011	0.00008	0.00013
1	10	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	10	15	0.00010	0.00012	0.00008	0.00013
1	10	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	10	16	0.00014	0.00014	0.00008	0.00013
1	10	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	10	17	0.00017	0.00016	0.00008	0.00013
1	10	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	10	18	0.00021	0.00019	0.00009	0.00013
1	10	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	10	19	0.00024	0.00020	0.00009	0.00013
1	10	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	10	20	0.00025	0.00020	0.00009	0.00012
1	10	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	10	21	0.00024	0.00018	0.00009	0.00011
1	10	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	10	22	0.00023	0.00017	0.00009	0.00010
1	10	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	10	23	0.00022	0.00015	0.00009	0.00009
1	10	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	10	24	0.00018	0.00012	0.00010	0.00009
1	11	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	11	1	0.00014	0.00009	0.00016	0.00008
1	11	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	11	2	0.00010	0.00007	0.00017	0.00008
1	11	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	11	3	0.00007	0.00005	0.00018	0.00008
1	11	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	11	4	0.00005	0.00003	0.00019	0.00008

1	11	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	11	5	0.00003	0.00002	0.00020	0.00008
1	11	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	11	6	0.00002	0.00002	0.00020	0.00009
1	11	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	11	7	0.00001	0.00004	0.00020	0.00010
1	11	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	11	8	0.00002	0.00008	0.00019	0.00011
1	11	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	11	9	0.00003	0.00013	0.00016	0.00012
1	11	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	11	10	0.00003	0.00013	0.00014	0.00012
1	11	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	11	11	0.00004	0.00011	0.00012	0.00012
1	11	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	11	12	0.00005	0.00009	0.00011	0.00012
1	11	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	11	13	0.00007	0.00010	0.00010	0.00012
1	11	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	11	14	0.00009	0.00011	0.00010	0.00012
1	11	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	11	15	0.00010	0.00012	0.00010	0.00012
1	11	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	11	16	0.00014	0.00014	0.00011	0.00012
1	11	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	11	17	0.00017	0.00016	0.00012	0.00012
1	11	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	11	18	0.00021	0.00019	0.00012	0.00012
1	11	19	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	11	19	0.00024	0.00020	0.00013	0.00012
1	11	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	11	20	0.00025	0.00020	0.00014	0.00012
1	11	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	11	21	0.00024	0.00018	0.00014	0.00011
1	11	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	11	22	0.00023	0.00017	0.00015	0.00010
1	11	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	11	23	0.00022	0.00015	0.00015	0.00009
1	11	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	11	24	0.00018	0.00013	0.00016	0.00009
1	12	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	12	1	0.00014	0.00009	0.00017	0.00009
1	12	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	12	2	0.00010	0.00006	0.00017	0.00009
1	12	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	12	3	0.00007	0.00005	0.00018	0.00009
1	12	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	12	4	0.00005	0.00003	0.00018	0.00009
1	12	5	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	12	5	0.00003	0.00002	0.00018	0.00009
1	12	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	12	6	0.00002	0.00002	0.00019	0.00010
1	12	7	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	12	7	0.00001	0.00004	0.00021	0.00011
1	12	8	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012	12	8	0.00001	0.00009	0.00021	0.00011
1	12	9	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012	12	9	0.00003	0.00014	0.00019	0.00012
1	12	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	12	10	0.00003	0.00014	0.00016	0.00012
1	12	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	12	11	0.00004	0.00011	0.00013	0.00012
1	12	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	12	12	0.00005	0.00010	0.00012	0.00012
1	12	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	12	13	0.00007	0.00010	0.00011	0.00012
1	12	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	12	14	0.00009	0.00011	0.00011	0.00012
1	12	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	12	15	0.00010	0.00012	0.00011	0.00012
1	12	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	12	16	0.00013	0.00014	0.00011	0.00012
1	12	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	12	17	0.00017	0.00016	0.00013	0.00013
1	12	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	12	18	0.00022	0.00019	0.00013	0.00013
1	12	19	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	12	19	0.00025	0.00021	0.00014	0.00013
1	12	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	12	20	0.00026	0.00020	0.00014	0.00013
1	12	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	12	21	0.00025	0.00018	0.00014	0.00012
1	12	22	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011	12	22	0.00023	0.00017	0.00014	0.00011
1	12	23	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010	12	23	0.00022	0.00015	0.00015	0.00010
1	12	24	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	12	24	0.00018	0.00012	0.00016	0.00009
1	13	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009						
1	13	2	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009						
1	13	3	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009						
1	13	4	0.00010	0.00005	0.00003	0.00010	0.00020	0.00009	0.00010	0.00005	0.00003	0.00010	0.00020	0.00009						
1	13	5	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009						
1	13	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010						
1	13	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011						
1	13	8	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012	0.00011	0.00002	0.00008	0.00011	0.00022	0.00012						
1	13	9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012						
1	13	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012						
1	13	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012						
1	13	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012						
1	13	13	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012						
1	13	14	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012	0.00011	0.00009	0.00011	0.00011	0.00012	0.00012						
1	13	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012						
1	13	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012						
1	13	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012						
1	13	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013						

1	13	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	13	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	13	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	13	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	13	23	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010
1	13	24	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009
1	14	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009
1	14	2	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009
1	14	3	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009
1	14	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	14	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	14	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	14	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
1	14	8	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012
1	14	9	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012	0.00011	0.00003	0.00013	0.00011	0.00020	0.00012
1	14	10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012
1	14	11	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012
1	14	12	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012
1	14	13	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012
1	14	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012
1	14	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012
1	14	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012
1	14	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	14	18	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013
1	14	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	14	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	14	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	14	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	14	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	14	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	15	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009
1	15	2	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009
1	15	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	15	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	15	5	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009
1	15	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	15	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	15	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	15	9	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012
1	15	10	0.00013	0.00003	0.00013	0.00013	0.00018	0.00012	0.00013	0.00003	0.00013	0.00013	0.00018	0.00012
1	15	11	0.00013	0.00004	0.00011	0.00013	0.00015	0.00012	0.00013	0.00004	0.00011	0.00013	0.00015	0.00012
1	15	12	0.00013	0.00005	0.00010	0.00013	0.00013	0.00012	0.00013	0.00005	0.00010	0.00013	0.00013	0.00012
1	15	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	15	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	15	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	15	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	15	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	15	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	15	19	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013
1	15	20	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013
1	15	21	0.00014	0.00024	0.00018	0.00014	0.00015	0.00012	0.00014	0.00024	0.00018	0.00014	0.00015	0.00012
1	15	22	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011
1	15	23	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010
1	15	24	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009
1	16	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009
1	16	2	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009
1	16	3	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009	0.00010	0.00007	0.00005	0.00010	0.00019	0.00009
1	16	4	0.00010	0.00005	0.00003	0.00010	0.00020	0.00009	0.00010	0.00005	0.00003	0.00010	0.00020	0.00009
1	16	5	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009
1	16	6	0.00011	0.00002	0.00002	0.00011	0.00021	0.00010	0.00011	0.00002	0.00002	0.00011	0.00021	0.00010
1	16	7	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011
1	16	8	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012

1	16	9	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012	0.00013	0.00003	0.00013	0.00013	0.00020	0.00012
1	16	10	0.00013	0.00003	0.00013	0.00013	0.00018	0.00012	0.00013	0.00003	0.00013	0.00013	0.00018	0.00012
1	16	11	0.00013	0.00004	0.00011	0.00013	0.00015	0.00012	0.00013	0.00004	0.00011	0.00013	0.00015	0.00012
1	16	12	0.00013	0.00005	0.00010	0.00013	0.00013	0.00012	0.00013	0.00005	0.00010	0.00013	0.00013	0.00012
1	16	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	16	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	16	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	16	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	16	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	16	18	0.00014	0.00021	0.00019	0.00014	0.00014	0.00013	0.00014	0.00021	0.00019	0.00014	0.00014	0.00013
1	16	19	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013
1	16	20	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013
1	16	21	0.00014	0.00024	0.00018	0.00014	0.00015	0.00012	0.00014	0.00024	0.00018	0.00014	0.00015	0.00012
1	16	22	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011	0.00013	0.00023	0.00017	0.00013	0.00016	0.00011
1	16	23	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010	0.00012	0.00022	0.00015	0.00012	0.00017	0.00010
1	16	24	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009
1	17	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009
1	17	2	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009	0.00010	0.00010	0.00007	0.00010	0.00019	0.00009
1	17	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	17	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	17	5	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009	0.00010	0.00003	0.00002	0.00010	0.00020	0.00009
1	17	6	0.00011	0.00002	0.00002	0.00011	0.00021	0.00010	0.00011	0.00002	0.00002	0.00011	0.00021	0.00010
1	17	7	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011
1	17	8	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012	0.00013	0.00002	0.00008	0.00013	0.00022	0.00012
1	17	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	17	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	17	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	17	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	17	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	17	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	17	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	17	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	17	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	17	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	17	19	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013	0.00014	0.00024	0.00020	0.00014	0.00015	0.00013
1	17	20	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013	0.00014	0.00025	0.00020	0.00014	0.00015	0.00013
1	17	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	17	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	17	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	17	24	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009	0.00011	0.00018	0.00012	0.00011	0.00018	0.00009
1	18	1	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009	0.00010	0.00014	0.00009	0.00010	0.00018	0.00009
1	18	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	18	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	18	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	18	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	18	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	18	7	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011
1	18	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	18	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	18	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	18	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	18	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	18	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	18	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	18	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	18	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	18	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	18	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	18	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	18	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	18	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	18	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011

1	18	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	18	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	19	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	19	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	19	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	19	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	19	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	19	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	19	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	19	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	19	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	19	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	19	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	19	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	19	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	19	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	19	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	19	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	19	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	19	18	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013
1	19	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	19	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	19	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	19	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	19	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	19	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	20	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	20	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	20	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	20	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	20	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	20	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	20	7	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011	0.00010	0.00001	0.00004	0.00010	0.00022	0.00011
1	20	8	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012
1	20	9	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012
1	20	10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012
1	20	11	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012
1	20	12	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012
1	20	13	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012
1	20	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012
1	20	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012
1	20	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012
1	20	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
1	20	18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013
1	20	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
1	20	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013
1	20	21	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012
1	20	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	20	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	20	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	21	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	21	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	21	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	21	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	21	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	21	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	21	7	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011
1	21	8	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012
1	21	9	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012
1	21	10	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012
1	21	11	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012
1	21	12	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012

1	21	13	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012
1	21	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012
1	21	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012
1	21	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012
1	21	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
1	21	18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013
1	21	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
1	21	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013
1	21	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	21	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	21	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	21	24	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009
1	22	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	22	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	22	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	22	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	22	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	22	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	22	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	22	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	22	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	22	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	22	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	22	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	22	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	22	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	22	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	22	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	22	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	22	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	22	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	22	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	22	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	22	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	22	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	22	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	23	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	23	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	23	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	23	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	23	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	23	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	23	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	23	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	23	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	23	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	23	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	23	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	23	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	23	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	23	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012
1	23	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	23	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	23	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	23	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	23	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	23	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	23	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	23	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	23	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	24	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	24	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009

1	24	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	24	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	24	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	24	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	24	7	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011	0.00012	0.00001	0.00004	0.00012	0.00022	0.00011
1	24	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	24	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	24	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	24	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	24	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	24	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	24	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	24	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	24	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	24	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	24	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	24	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	24	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	24	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	24	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	24	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	24	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	25	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	25	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	25	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	25	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	25	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	25	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	25	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	25	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	25	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	25	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	25	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	25	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	25	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	25	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	25	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	25	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	25	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	25	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	25	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	25	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	25	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	25	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	25	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	25	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	26	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	26	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	26	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	26	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	26	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	26	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	26	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	26	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	26	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	26	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	26	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	26	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	26	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	26	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	26	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	26	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012

1	26	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	26	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	26	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	26	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	26	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	26	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	26	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	26	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	27	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	27	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	27	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	27	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	27	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	27	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	27	7	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011
1	27	8	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012	0.00010	0.00002	0.00008	0.00010	0.00022	0.00012
1	27	9	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012
1	27	10	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012	0.00011	0.00003	0.00013	0.00011	0.00018	0.00012
1	27	11	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012	0.00011	0.00004	0.00011	0.00011	0.00015	0.00012
1	27	12	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012	0.00011	0.00005	0.00010	0.00011	0.00013	0.00012
1	27	13	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012	0.00011	0.00007	0.00010	0.00011	0.00012	0.00012
1	27	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012
1	27	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012
1	27	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012
1	27	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
1	27	18	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013
1	27	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
1	27	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013
1	27	21	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012	0.00011	0.00024	0.00018	0.00011	0.00015	0.00012
1	27	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	27	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	27	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	28	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	28	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	28	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	28	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	28	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009	0.00008	0.00003	0.00002	0.00008	0.00020	0.00009
1	28	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	28	7	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011	0.00009	0.00001	0.00004	0.00009	0.00022	0.00011
1	28	8	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012	0.00009	0.00002	0.00008	0.00009	0.00022	0.00012
1	28	9	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012	0.00010	0.00003	0.00013	0.00010	0.00020	0.00012
1	28	10	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012	0.00010	0.00003	0.00013	0.00010	0.00018	0.00012
1	28	11	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012	0.00010	0.00004	0.00011	0.00010	0.00015	0.00012
1	28	12	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012	0.00010	0.00005	0.00010	0.00010	0.00013	0.00012
1	28	13	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012	0.00010	0.00007	0.00010	0.00010	0.00012	0.00012
1	28	14	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012	0.00010	0.00009	0.00011	0.00010	0.00012	0.00012
1	28	15	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012	0.00010	0.00010	0.00012	0.00010	0.00012	0.00012
1	28	16	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012	0.00010	0.00014	0.00014	0.00010	0.00012	0.00012
1	28	17	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012	0.00010	0.00017	0.00016	0.00010	0.00014	0.00012
1	28	18	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013	0.00011	0.00021	0.00019	0.00011	0.00014	0.00013
1	28	19	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013	0.00012	0.00024	0.00020	0.00012	0.00015	0.00013
1	28	20	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013	0.00012	0.00025	0.00020	0.00012	0.00015	0.00013
1	28	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	28	22	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011	0.00011	0.00023	0.00017	0.00011	0.00016	0.00011
1	28	23	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010	0.00010	0.00022	0.00015	0.00010	0.00017	0.00010
1	28	24	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009	0.00009	0.00018	0.00012	0.00009	0.00018	0.00009
1	29	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	29	2	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009	0.00008	0.00010	0.00007	0.00008	0.00019	0.00009
1	29	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	29	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	29	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	29	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010

1	29	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	29	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	29	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	29	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	29	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	29	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	29	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	29	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	29	15	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012	0.00011	0.00010	0.00012	0.00011	0.00012	0.00012
1	29	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	29	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	29	18	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013	0.00012	0.00021	0.00019	0.00012	0.00014	0.00013
1	29	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	29	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	29	21	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012	0.00012	0.00024	0.00018	0.00012	0.00015	0.00012
1	29	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	29	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	29	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	30	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	30	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	30	3	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009	0.00008	0.00007	0.00005	0.00008	0.00019	0.00009
1	30	4	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009	0.00008	0.00005	0.00003	0.00008	0.00020	0.00009
1	30	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	30	6	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010	0.00009	0.00002	0.00002	0.00009	0.00021	0.00010
1	30	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	30	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	30	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	30	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	30	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	30	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	30	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	30	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	30	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	30	16	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012	0.00012	0.00014	0.00014	0.00012	0.00012	0.00012
1	30	17	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012	0.00012	0.00017	0.00016	0.00012	0.00014	0.00012
1	30	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	30	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	30	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013
1	30	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	30	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	30	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	30	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
1	31	1	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009	0.00009	0.00014	0.00009	0.00009	0.00018	0.00009
1	31	2	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009	0.00009	0.00010	0.00007	0.00009	0.00019	0.00009
1	31	3	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009	0.00009	0.00007	0.00005	0.00009	0.00019	0.00009
1	31	4	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009	0.00009	0.00005	0.00003	0.00009	0.00020	0.00009
1	31	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009	0.00009	0.00003	0.00002	0.00009	0.00020	0.00009
1	31	6	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010	0.00010	0.00002	0.00002	0.00010	0.00021	0.00010
1	31	7	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011	0.00011	0.00001	0.00004	0.00011	0.00022	0.00011
1	31	8	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012	0.00012	0.00002	0.00008	0.00012	0.00022	0.00012
1	31	9	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012	0.00012	0.00003	0.00013	0.00012	0.00020	0.00012
1	31	10	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012	0.00012	0.00003	0.00013	0.00012	0.00018	0.00012
1	31	11	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012	0.00012	0.00004	0.00011	0.00012	0.00015	0.00012
1	31	12	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012	0.00012	0.00005	0.00010	0.00012	0.00013	0.00012
1	31	13	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012	0.00012	0.00007	0.00010	0.00012	0.00012	0.00012
1	31	14	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012	0.00012	0.00009	0.00011	0.00012	0.00012	0.00012
1	31	15	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012	0.00012	0.00010	0.00012	0.00012	0.00012	0.00012
1	31	16	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012	0.00011	0.00014	0.00014	0.00011	0.00012	0.00012
1	31	17	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012	0.00011	0.00017	0.00016	0.00011	0.00014	0.00012
1	31	18	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013	0.00013	0.00021	0.00019	0.00013	0.00014	0.00013
1	31	19	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013	0.00013	0.00024	0.00020	0.00013	0.00015	0.00013
1	31	20	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013	0.00013	0.00025	0.00020	0.00013	0.00015	0.00013

1	31	21	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012	0.00013	0.00024	0.00018	0.00013	0.00015	0.00012
1	31	22	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011	0.00012	0.00023	0.00017	0.00012	0.00016	0.00011
1	31	23	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010	0.00011	0.00022	0.00015	0.00011	0.00017	0.00010
1	31	24	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009	0.00010	0.00018	0.00012	0.00010	0.00018	0.00009
2	1	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	1	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	1	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	1	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	1	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	1	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	1	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	1	8	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012
2	1	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	1	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	1	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	1	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	1	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	1	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	1	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	1	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	1	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	1	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
2	1	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	1	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	1	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	1	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	1	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	1	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	2	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	2	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	2	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	2	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	2	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	2	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	2	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	2	8	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012
2	2	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	2	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	2	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	2	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	2	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	2	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
2	2	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	2	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	2	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	2	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	2	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	2	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	2	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	2	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	2	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	2	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	3	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	3	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	3	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	3	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	3	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	3	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	3	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	3	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	3	9	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012
2	3	10	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012

2	3	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	3	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	3	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	3	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	3	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	3	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	3	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	3	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	3	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	3	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	3	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	3	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	3	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	3	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	4	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	4	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	4	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	4	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	4	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	4	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	4	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	4	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	4	9	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012
2	4	10	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
2	4	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	4	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	4	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	4	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	4	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	4	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	4	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	4	18	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012
2	4	19	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012
2	4	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	4	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	4	22	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011
2	4	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	4	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	5	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00009	0.00008	0.00014	0.00009	0.00008	0.00016	0.00009
2	5	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	5	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	5	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	5	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	5	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	5	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011
2	5	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	5	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	5	10	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
2	5	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	5	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	5	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	5	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	5	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	5	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	5	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	5	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	5	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	5	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	5	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	5	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	5	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	5	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009

2	6	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	6	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	6	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	6	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	6	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	6	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	6	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	6	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	6	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	6	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	6	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	6	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	6	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	6	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	6	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	6	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	6	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	6	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	6	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	6	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	6	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	6	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	6	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	6	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	7	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	7	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	7	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	7	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	7	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	7	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	7	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011
2	7	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	7	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	7	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	7	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	7	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	7	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	7	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	7	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	7	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	7	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	7	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	7	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	7	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	7	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	7	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	7	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	7	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	8	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	8	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	8	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	8	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	8	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	8	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	8	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	8	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	8	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	8	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	8	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	8	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	8	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	8	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012

2	8	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	8	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	8	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	8	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	8	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	8	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	8	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	8	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	8	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	8	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	9	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	9	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	9	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	9	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	9	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	9	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	9	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011
2	9	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	9	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	9	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	9	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	9	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	9	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	9	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	9	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	9	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	9	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	9	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	9	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	9	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	9	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	9	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	9	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	9	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	10	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	10	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	10	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	10	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	10	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	10	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	10	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	10	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	10	9	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012
2	10	10	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
2	10	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	10	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	10	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	10	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	10	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	10	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	10	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	10	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	10	19	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012
2	10	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	10	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	10	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	10	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	10	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	11	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	11	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	11	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	11	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008

2	11	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	11	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	11	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00011	0.00008	0.00001	0.00004	0.00008	0.00020	0.00011
2	11	8	0.00008	0.00001	0.00009	0.00008	0.00019	0.00012	0.00008	0.00001	0.00009	0.00008	0.00019	0.00012
2	11	9	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012
2	11	10	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012
2	11	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	11	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	11	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	11	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	11	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	11	16	0.00009	0.00013	0.00014	0.00009	0.00011	0.00012	0.00009	0.00013	0.00014	0.00009	0.00011	0.00012
2	11	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	11	18	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012
2	11	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	11	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	11	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	11	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	11	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	11	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	12	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00009	0.00008	0.00014	0.00009	0.00008	0.00016	0.00009
2	12	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	12	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	12	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	12	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	12	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	12	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011
2	12	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	12	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	12	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	12	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	12	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	12	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	12	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	12	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	12	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	12	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	12	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	12	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	12	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	12	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	12	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	12	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	12	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	13	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	13	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	13	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	13	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	13	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	13	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	13	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	13	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	13	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	13	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	13	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	13	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	13	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	13	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	13	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	13	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	13	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	13	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012

2	13	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	13	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	13	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	13	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	13	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	13	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	14	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	14	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	14	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	14	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	14	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	14	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	14	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011	0.00010	0.00001	0.00004	0.00010	0.00020	0.00011
2	14	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	14	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	14	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	14	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	14	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	14	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	14	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
2	14	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	14	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	14	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	14	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	14	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	14	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	14	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	14	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	14	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	14	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	15	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	15	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	15	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	15	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	15	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	15	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	15	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	15	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	15	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	15	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	15	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	15	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	15	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	15	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	15	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	15	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	15	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	15	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	15	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	15	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	15	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	15	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	15	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	15	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	16	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	16	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	16	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	16	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	16	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	16	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	16	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	16	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012

2	16	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	16	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	16	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	16	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	16	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	16	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	16	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	16	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	16	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	16	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	16	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	16	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	16	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	16	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	16	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	16	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	17	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	17	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	17	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	17	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	17	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	17	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	17	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	17	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	17	9	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012
2	17	10	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
2	17	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	17	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
2	17	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
2	17	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	17	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	17	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	17	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	17	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	17	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	17	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	17	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	17	22	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011
2	17	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	17	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	18	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	18	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	18	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	18	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	18	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	18	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	18	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00011	0.00008	0.00001	0.00004	0.00008	0.00020	0.00011
2	18	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	18	9	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012	0.00009	0.00003	0.00014	0.00009	0.00018	0.00012
2	18	10	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012
2	18	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	18	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	18	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	18	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	18	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	18	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	18	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	18	18	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012
2	18	19	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012	0.00011	0.00025	0.00021	0.00011	0.00013	0.00012
2	18	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	18	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	18	22	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011	0.00010	0.00023	0.00017	0.00010	0.00013	0.00011

2	18	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	18	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	19	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	19	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	19	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	19	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	19	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	19	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	19	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	19	8	0.00010	0.00001	0.00009	0.00010	0.00019	0.00012	0.00010	0.00001	0.00009	0.00010	0.00019	0.00012
2	19	9	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012	0.00011	0.00003	0.00014	0.00011	0.00018	0.00012
2	19	10	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
2	19	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
2	19	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	19	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	19	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
2	19	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	19	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	19	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	19	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	19	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	19	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	19	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	19	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	19	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	19	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	20	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	20	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	20	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	20	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	20	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	20	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	20	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	20	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	20	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	20	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	20	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	20	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	20	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	20	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	20	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	20	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	20	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	20	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	20	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	20	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	20	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	20	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	20	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	20	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	21	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	21	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	21	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	21	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	21	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	21	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	21	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	21	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	21	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	21	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	21	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	21	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012

2	21	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	21	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	21	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	21	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	21	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	21	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	21	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	21	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	21	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	21	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	21	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	21	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	22	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	22	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	22	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	22	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	22	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	22	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	22	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	22	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	22	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	22	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	22	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	22	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	22	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	22	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	22	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	22	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	22	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	22	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
2	22	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	22	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	22	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	22	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	22	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	22	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	23	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	23	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	23	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	23	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	23	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	23	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	23	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	23	8	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012
2	23	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	23	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	23	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	23	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	23	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	23	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	23	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
2	23	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
2	23	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
2	23	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	23	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	23	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	23	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	23	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	23	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	23	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	24	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	24	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008

2	24	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	24	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	24	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	24	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	24	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	24	8	0.00010	0.00001	0.00009	0.00010	0.00019	0.00012	0.00010	0.00001	0.00009	0.00010	0.00019	0.00012
2	24	9	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012
2	24	10	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
2	24	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
2	24	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
2	24	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
2	24	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	24	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	24	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	24	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	24	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	24	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	24	20	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012	0.00011	0.00025	0.00020	0.00011	0.00013	0.00012
2	24	21	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012	0.00011	0.00025	0.00018	0.00011	0.00013	0.00012
2	24	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	24	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	24	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	25	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	25	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	25	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	25	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	25	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
2	25	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
2	25	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011	0.00009	0.00001	0.00004	0.00009	0.00020	0.00011
2	25	8	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012	0.00009	0.00001	0.00009	0.00009	0.00019	0.00012
2	25	9	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012	0.00010	0.00003	0.00014	0.00010	0.00018	0.00012
2	25	10	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
2	25	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
2	25	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
2	25	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
2	25	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
2	25	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
2	25	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
2	25	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
2	25	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
2	25	19	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012	0.00012	0.00025	0.00021	0.00012	0.00013	0.00012
2	25	20	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012	0.00012	0.00025	0.00020	0.00012	0.00013	0.00012
2	25	21	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012	0.00012	0.00025	0.00018	0.00012	0.00013	0.00012
2	25	22	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011	0.00011	0.00023	0.00017	0.00011	0.00013	0.00011
2	25	23	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010	0.00010	0.00022	0.00015	0.00010	0.00014	0.00010
2	25	24	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009	0.00009	0.00018	0.00012	0.00009	0.00015	0.00009
2	26	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	26	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
2	26	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
2	26	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
2	26	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	26	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
2	26	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	26	8	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012	0.00011	0.00001	0.00009	0.00011	0.00019	0.00012
2	26	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	26	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	26	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	26	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	26	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	26	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	26	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	26	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012

2	26	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	26	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	26	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	26	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	26	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	26	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	26	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	26	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	27	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	27	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	27	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	27	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	27	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	27	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	27	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	27	8	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012
2	27	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	27	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	27	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	27	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	27	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	27	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	27	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	27	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	27	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	27	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
2	27	19	0.00014	0.00025	0.00021	0.00014	0.00013	0.00012	0.00014	0.00025	0.00021	0.00014	0.00013	0.00012
2	27	20	0.00014	0.00025	0.00020	0.00014	0.00013	0.00012	0.00014	0.00025	0.00020	0.00014	0.00013	0.00012
2	27	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	27	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	27	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	27	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
2	28	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009	0.00009	0.00014	0.00009	0.00009	0.00016	0.00009
2	28	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
2	28	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
2	28	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
2	28	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
2	28	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
2	28	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011	0.00011	0.00001	0.00004	0.00011	0.00020	0.00011
2	28	8	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012	0.00012	0.00001	0.00009	0.00012	0.00019	0.00012
2	28	9	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012	0.00012	0.00003	0.00014	0.00012	0.00018	0.00012
2	28	10	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
2	28	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
2	28	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
2	28	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
2	28	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
2	28	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
2	28	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
2	28	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
2	28	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
2	28	19	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012	0.00013	0.00025	0.00021	0.00013	0.00013	0.00012
2	28	20	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012	0.00013	0.00025	0.00020	0.00013	0.00013	0.00012
2	28	21	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012	0.00013	0.00025	0.00018	0.00013	0.00013	0.00012
2	28	22	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011	0.00012	0.00023	0.00017	0.00012	0.00013	0.00011
2	28	23	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010	0.00011	0.00022	0.00015	0.00011	0.00014	0.00010
2	28	24	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009	0.00010	0.00018	0.00012	0.00010	0.00015	0.00009
3	1	1	0.00010	0.00014	0.00009	0.00010	0.00015	0.00009	0.00010	0.00014	0.00009	0.00010	0.00015	0.00009
3	1	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	1	3	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008
3	1	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	1	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	1	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010

3	1	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	1	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	1	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	1	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	1	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	1	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	1	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	1	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	1	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	1	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	1	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	1	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	1	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	1	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	1	21	0.00013	0.00025	0.00018	0.00013	0.00011	0.00012	0.00013	0.00025	0.00018	0.00013	0.00011	0.00012
3	1	22	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011
3	1	23	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010
3	1	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	2	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	2	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	2	3	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008
3	2	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	2	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	2	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	2	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	2	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	2	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	2	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	2	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	2	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	2	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	2	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	2	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	2	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	2	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	2	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	2	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	2	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	2	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	2	22	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011
3	2	23	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010
3	2	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	3	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	3	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	3	3	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008
3	3	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	3	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	3	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	3	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	3	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	3	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	3	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
3	3	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
3	3	12	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012
3	3	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	3	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	3	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	3	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	3	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	3	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012
3	3	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	3	20	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012

3	3	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	3	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	3	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	3	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	4	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	4	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	4	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	4	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	4	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	4	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
3	4	7	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011
3	4	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	4	9	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012
3	4	10	0.00009	0.00003	0.00014	0.00009	0.00012	0.00012	0.00009	0.00003	0.00014	0.00009	0.00012	0.00012
3	4	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
3	4	12	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012
3	4	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	4	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	4	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	4	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	4	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	4	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	4	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	4	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	4	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	4	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	4	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	4	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	5	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	5	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	5	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	5	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	5	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	5	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	5	7	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011
3	5	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	5	9	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
3	5	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	5	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	5	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	5	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	5	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	5	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	5	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	5	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	5	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	5	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	5	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	5	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	5	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	5	23	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010
3	5	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	6	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	6	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	6	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	6	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	6	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	6	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	6	7	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011
3	6	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	6	9	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
3	6	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012

3	6	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	6	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	6	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	6	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	6	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	6	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	6	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	6	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	6	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	6	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	6	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	6	22	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011
3	6	23	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010
3	6	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	7	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	7	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	7	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	7	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	7	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	7	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	7	7	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011
3	7	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	7	9	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
3	7	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	7	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	7	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	7	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	7	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	7	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	7	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	7	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	7	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	7	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	7	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	7	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	7	22	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011
3	7	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	7	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	8	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	8	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	8	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	8	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	8	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	8	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	8	7	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011
3	8	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	8	9	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
3	8	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	8	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	8	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	8	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	8	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	8	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	8	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	8	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	8	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	8	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	8	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	8	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	8	22	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011	0.00012	0.00023	0.00017	0.00012	0.00012	0.00011
3	8	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	8	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009

3	9	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	9	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	9	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	9	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	9	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	9	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	9	7	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011	0.00010	0.00001	0.00004	0.00010	0.00019	0.00011
3	9	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	9	9	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012	0.00011	0.00003	0.00014	0.00011	0.00015	0.00012
3	9	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	9	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	9	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	9	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	9	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	9	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	9	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	9	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	9	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	9	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	9	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	9	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	9	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	9	23	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010	0.00011	0.00022	0.00015	0.00011	0.00013	0.00010
3	9	24	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009	0.00010	0.00018	0.00012	0.00010	0.00014	0.00009
3	10	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	10	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	10	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	10	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	10	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	10	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	10	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	10	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	10	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	10	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
3	10	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
3	10	12	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012
3	10	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	10	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	10	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	10	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	10	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	10	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012
3	10	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
3	10	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	10	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	10	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	10	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	10	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	11	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	11	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	11	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	11	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	11	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	11	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
3	11	7	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011
3	11	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	11	9	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012
3	11	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
3	11	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
3	11	12	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012
3	11	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	11	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012

3	11	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	11	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	11	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	11	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	11	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	11	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	11	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	11	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	11	23	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010
3	11	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	12	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	12	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	12	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	12	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	12	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	12	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	12	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	12	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	12	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	12	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	12	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
3	12	12	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012
3	12	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
3	12	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
3	12	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
3	12	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
3	12	17	0.00013	0.00017	0.00016	0.00013	0.00010	0.00012	0.00013	0.00017	0.00016	0.00013	0.00010	0.00012
3	12	18	0.00013	0.00022	0.00019	0.00013	0.00010	0.00012	0.00013	0.00022	0.00019	0.00013	0.00010	0.00012
3	12	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	12	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	12	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	12	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	12	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	12	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	13	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	13	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	13	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	13	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	13	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	13	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	13	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	13	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	13	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	13	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	13	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
3	13	12	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012
3	13	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
3	13	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
3	13	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
3	13	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
3	13	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	13	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	13	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	13	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	13	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	13	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	13	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	13	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	14	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	14	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	14	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	14	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008

3	14	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	14	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	14	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	14	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	14	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	14	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	14	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	14	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	14	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	14	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	14	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	14	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	14	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	14	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	14	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	14	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	14	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	14	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	14	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	14	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	15	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	15	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	15	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	15	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	15	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	15	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	15	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	15	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	15	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	15	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	15	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	15	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	15	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
3	15	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
3	15	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
3	15	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	15	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	15	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	15	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	15	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	15	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	15	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	15	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	15	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	16	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	16	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	16	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	16	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	16	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	16	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	16	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	16	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	16	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	16	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	16	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	16	12	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012	0.00013	0.00005	0.00010	0.00013	0.00009	0.00012
3	16	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
3	16	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
3	16	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
3	16	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
3	16	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	16	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012

3	16	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	16	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	16	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	16	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	16	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	16	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	17	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	17	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	17	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	17	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	17	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	17	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	17	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	17	8	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012
3	17	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	17	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
3	17	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
3	17	12	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012
3	17	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
3	17	14	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012
3	17	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
3	17	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	17	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	17	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	17	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
3	17	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	17	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	17	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	17	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	17	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	18	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	18	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	18	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	18	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	18	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	18	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
3	18	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	18	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	18	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	18	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
3	18	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
3	18	12	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012
3	18	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	18	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	18	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	18	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	18	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	18	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	18	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	18	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	18	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	18	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	18	23	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010
3	18	24	0.00008	0.00018	0.00012	0.00008	0.00014	0.00009	0.00008	0.00018	0.00012	0.00008	0.00014	0.00009
3	19	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	19	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	19	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	19	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	19	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	19	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	19	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	19	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012

3	19	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	19	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	19	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	19	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	19	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	19	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	19	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	19	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	19	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	19	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	19	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
3	19	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	19	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	19	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	19	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	19	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	20	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	20	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	20	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	20	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	20	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	20	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	20	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	20	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	20	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	20	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	20	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	20	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	20	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	20	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	20	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	20	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	20	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	20	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	20	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	20	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	20	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	20	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	20	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	20	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	21	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	21	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	21	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	21	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	21	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	21	6	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010
3	21	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	21	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	21	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	21	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	21	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	21	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	21	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	21	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	21	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	21	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	21	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	21	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	21	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	21	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	21	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	21	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011

3	21	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	21	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	22	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	22	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	22	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	22	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	22	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	22	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	22	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	22	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	22	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	22	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	22	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	22	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	22	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	22	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	22	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	22	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	22	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	22	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	22	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	22	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	22	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	22	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	22	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	22	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	23	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	23	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	23	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	23	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	23	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	23	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	23	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	23	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	23	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	23	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	23	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	23	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	23	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	23	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	23	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	23	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	23	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	23	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	23	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	23	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	23	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	23	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	23	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	23	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	24	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	24	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	24	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	24	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	24	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	24	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	24	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	24	8	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012
3	24	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	24	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
3	24	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
3	24	12	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012

3	24	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	24	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	24	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	24	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	24	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	24	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012
3	24	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
3	24	20	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012
3	24	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	24	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	24	23	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010
3	24	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	25	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	25	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	25	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	25	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	25	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	25	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
3	25	7	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011	0.00008	0.00001	0.00004	0.00008	0.00019	0.00011
3	25	8	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012	0.00009	0.00001	0.00009	0.00009	0.00017	0.00012
3	25	9	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012	0.00009	0.00003	0.00014	0.00009	0.00015	0.00012
3	25	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
3	25	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
3	25	12	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012	0.00010	0.00005	0.00010	0.00010	0.00009	0.00012
3	25	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
3	25	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
3	25	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
3	25	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
3	25	17	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012	0.00010	0.00017	0.00016	0.00010	0.00010	0.00012
3	25	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012	0.00010	0.00022	0.00019	0.00010	0.00010	0.00012
3	25	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
3	25	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	25	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	25	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	25	23	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010	0.00009	0.00022	0.00015	0.00009	0.00013	0.00010
3	25	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	26	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	26	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	26	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	26	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	26	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	26	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	26	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	26	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	26	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	26	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	26	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	26	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	26	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	26	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	26	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	26	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	26	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	26	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	26	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	26	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	26	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	26	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	26	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	26	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	27	1	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009	0.00008	0.00014	0.00009	0.00008	0.00015	0.00009
3	27	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008

3	27	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	27	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	27	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	27	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	27	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	27	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	27	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	27	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	27	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	27	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	27	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	27	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	27	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
3	27	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	27	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	27	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	27	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	27	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	27	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	27	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	27	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	27	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	28	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	28	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	28	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	28	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	28	5	0.00010	0.00003	0.00002	0.00010	0.00019	0.00009	0.00010	0.00003	0.00002	0.00010	0.00019	0.00009
3	28	6	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010
3	28	7	0.00012	0.00001	0.00004	0.00012	0.00019	0.00011	0.00012	0.00001	0.00004	0.00012	0.00019	0.00011
3	28	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	28	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	28	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	28	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	28	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	28	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	28	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	28	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	28	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	28	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	28	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	28	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	28	20	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012	0.00013	0.00026	0.00020	0.00013	0.00011	0.00012
3	28	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	28	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	28	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	28	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	29	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	29	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	29	3	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008	0.00009	0.00007	0.00005	0.00009	0.00017	0.00008
3	29	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	29	5	0.00010	0.00003	0.00002	0.00010	0.00019	0.00009	0.00010	0.00003	0.00002	0.00010	0.00019	0.00009
3	29	6	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010	0.00011	0.00002	0.00002	0.00011	0.00019	0.00010
3	29	7	0.00012	0.00001	0.00004	0.00012	0.00019	0.00011	0.00012	0.00001	0.00004	0.00012	0.00019	0.00011
3	29	8	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012	0.00012	0.00001	0.00009	0.00012	0.00017	0.00012
3	29	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	29	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	29	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	29	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	29	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	29	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	29	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	29	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012

3	29	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	29	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012	0.00012	0.00022	0.00019	0.00012	0.00010	0.00012
3	29	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	29	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	29	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	29	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	29	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	29	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	30	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	30	2	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008	0.00009	0.00010	0.00006	0.00009	0.00016	0.00008
3	30	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	30	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008	0.00009	0.00005	0.00003	0.00009	0.00018	0.00008
3	30	5	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009	0.00009	0.00003	0.00002	0.00009	0.00019	0.00009
3	30	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
3	30	7	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011	0.00011	0.00001	0.00004	0.00011	0.00019	0.00011
3	30	8	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012	0.00011	0.00001	0.00009	0.00011	0.00017	0.00012
3	30	9	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012	0.00012	0.00003	0.00014	0.00012	0.00015	0.00012
3	30	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
3	30	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
3	30	12	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012	0.00012	0.00005	0.00010	0.00012	0.00009	0.00012
3	30	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
3	30	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
3	30	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
3	30	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
3	30	17	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012	0.00012	0.00017	0.00016	0.00012	0.00010	0.00012
3	30	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	30	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
3	30	20	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012	0.00012	0.00026	0.00020	0.00012	0.00011	0.00012
3	30	21	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012	0.00012	0.00025	0.00018	0.00012	0.00011	0.00012
3	30	22	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011	0.00011	0.00023	0.00017	0.00011	0.00012	0.00011
3	30	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	30	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
3	31	1	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009	0.00009	0.00014	0.00009	0.00009	0.00015	0.00009
3	31	2	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008	0.00008	0.00010	0.00006	0.00008	0.00016	0.00008
3	31	3	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008	0.00008	0.00007	0.00005	0.00008	0.00017	0.00008
3	31	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008	0.00008	0.00005	0.00003	0.00008	0.00018	0.00008
3	31	5	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009	0.00008	0.00003	0.00002	0.00008	0.00019	0.00009
3	31	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
3	31	7	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011	0.00009	0.00001	0.00004	0.00009	0.00019	0.00011
3	31	8	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012	0.00010	0.00001	0.00009	0.00010	0.00017	0.00012
3	31	9	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012	0.00010	0.00003	0.00014	0.00010	0.00015	0.00012
3	31	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
3	31	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
3	31	12	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012	0.00011	0.00005	0.00010	0.00011	0.00009	0.00012
3	31	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
3	31	14	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012
3	31	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
3	31	16	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012	0.00011	0.00013	0.00014	0.00011	0.00009	0.00012
3	31	17	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012	0.00011	0.00017	0.00016	0.00011	0.00010	0.00012
3	31	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012	0.00011	0.00022	0.00019	0.00011	0.00010	0.00012
3	31	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
3	31	20	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012	0.00011	0.00026	0.00020	0.00011	0.00011	0.00012
3	31	21	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012	0.00011	0.00025	0.00018	0.00011	0.00011	0.00012
3	31	22	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011	0.00010	0.00023	0.00017	0.00010	0.00012	0.00011
3	31	23	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010	0.00010	0.00022	0.00015	0.00010	0.00013	0.00010
3	31	24	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009	0.00009	0.00018	0.00012	0.00009	0.00014	0.00009
4	1	1	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008
4	1	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	1	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	1	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	1	5	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009
4	1	6	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010

4	1	7	0.00008	0.00001	0.00004	0.00008	0.00017	0.00011	0.00008	0.00001	0.00004	0.00008	0.00017	0.00011
4	1	8	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012
4	1	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	1	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
4	1	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
4	1	12	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012
4	1	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
4	1	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
4	1	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
4	1	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	1	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	1	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011
4	1	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	1	20	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011
4	1	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	1	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	1	23	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009
4	1	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	2	1	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008
4	2	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	2	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	2	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	2	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	2	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	2	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	2	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	2	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	2	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	2	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	2	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	2	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	2	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	2	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	2	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	2	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	2	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	2	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	2	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	2	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	2	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	2	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	2	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	3	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	3	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	3	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	3	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	3	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	3	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	3	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	3	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	3	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	3	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	3	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	3	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	3	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	3	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
4	3	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	3	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	3	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	3	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	3	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	3	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011

4	3	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	3	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	3	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	3	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	4	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	4	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	4	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	4	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	4	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	4	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	4	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	4	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	4	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	4	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	4	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	4	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	4	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	4	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	4	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	4	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	4	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	4	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	4	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	4	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	4	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	4	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	4	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	4	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	5	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	5	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	5	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	5	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	5	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	5	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	5	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	5	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	5	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	5	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	5	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	5	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	5	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	5	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	5	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	5	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	5	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	5	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	5	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	5	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	5	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	5	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	5	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	5	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	6	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	6	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	6	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	6	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	6	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	6	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	6	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	6	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	6	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	6	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012

4	6	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	6	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	6	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	6	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	6	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	6	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	6	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	6	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	6	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	6	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	6	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	6	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	6	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	6	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	7	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	7	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	7	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	7	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	7	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	7	6	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010
4	7	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	7	8	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012
4	7	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	7	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
4	7	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
4	7	12	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012
4	7	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
4	7	14	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012
4	7	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
4	7	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	7	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	7	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	7	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	7	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	7	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	7	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	7	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	7	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	8	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	8	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	8	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	8	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	8	5	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009
4	8	6	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010
4	8	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	8	8	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012
4	8	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	8	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
4	8	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
4	8	12	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012
4	8	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
4	8	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
4	8	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
4	8	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	8	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	8	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011
4	8	19	0.00010	0.00025	0.00021	0.00010	0.00011	0.00012	0.00010	0.00025	0.00021	0.00010	0.00011	0.00012
4	8	20	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011
4	8	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	8	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	8	23	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009
4	8	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008

4	9	1	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008
4	9	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	9	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	9	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	9	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	9	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	9	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	9	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	9	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	9	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	9	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	9	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	9	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	9	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	9	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	9	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	9	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	9	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	9	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	9	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	9	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	9	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	9	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	9	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	10	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	10	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	10	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	10	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	10	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	10	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	10	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	10	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	10	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	10	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	10	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	10	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	10	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	10	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
4	10	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	10	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	10	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	10	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	10	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	10	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	10	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	10	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	10	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	10	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	11	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	11	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	11	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	11	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	11	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	11	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	11	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	11	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	11	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	11	10	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012
4	11	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
4	11	12	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012
4	11	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	11	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012

4	11	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	11	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	11	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	11	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	11	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	11	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	11	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	11	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	11	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	11	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	12	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	12	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	12	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	12	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	12	5	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009
4	12	6	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010
4	12	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	12	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	12	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	12	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	12	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	12	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	12	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	12	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	12	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	12	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	12	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	12	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	12	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	12	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	12	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	12	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	12	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	12	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	13	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	13	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	13	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	13	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	13	5	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009
4	13	6	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010
4	13	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	13	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	13	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	13	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	13	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	13	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	13	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	13	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	13	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	13	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	13	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	13	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	13	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	13	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	13	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	13	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	13	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	13	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	14	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	14	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	14	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	14	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008

4	14	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	14	6	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010
4	14	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	14	8	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012
4	14	9	0.00011	0.00003	0.00014	0.00011	0.00014	0.00012	0.00011	0.00003	0.00014	0.00011	0.00014	0.00012
4	14	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
4	14	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
4	14	12	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012
4	14	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
4	14	14	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012
4	14	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
4	14	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	14	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	14	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	14	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	14	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	14	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	14	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	14	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	14	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	15	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	15	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	15	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	15	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	15	5	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009
4	15	6	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010
4	15	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	15	8	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012
4	15	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	15	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
4	15	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
4	15	12	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012
4	15	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
4	15	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
4	15	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
4	15	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	15	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	15	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011
4	15	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	15	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	15	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	15	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	15	23	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009
4	15	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	16	1	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008
4	16	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	16	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	16	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	16	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	16	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	16	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	16	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	16	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	16	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	16	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	16	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	16	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	16	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	16	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	16	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	16	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	16	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011

4	16	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	16	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	16	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	16	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	16	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	16	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	17	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	17	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	17	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	17	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	17	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	17	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	17	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	17	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	17	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	17	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	17	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	17	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	17	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	17	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	17	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	17	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	17	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	17	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	17	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	17	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	17	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	17	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	17	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	17	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	18	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	18	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	18	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	18	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	18	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	18	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	18	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	18	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	18	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	18	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	18	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	18	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	18	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	18	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	18	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	18	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	18	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	18	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	18	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	18	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	18	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	18	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	18	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	18	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	19	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	19	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	19	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	19	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	19	5	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009
4	19	6	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010	0.00011	0.00002	0.00002	0.00011	0.00018	0.00010
4	19	7	0.00012	0.00001	0.00004	0.00012	0.00017	0.00011	0.00012	0.00001	0.00004	0.00012	0.00017	0.00011
4	19	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012

4	19	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	19	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	19	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	19	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	19	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	19	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	19	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	19	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	19	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	19	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	19	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	19	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	19	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	19	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	19	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	19	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	20	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	20	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	20	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	20	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	20	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	20	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	20	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	20	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	20	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	20	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	20	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	20	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	20	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	20	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	20	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	20	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	20	17	0.00011	0.00017	0.00016	0.00011	0.00009	0.00011	0.00011	0.00017	0.00016	0.00011	0.00009	0.00011
4	20	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	20	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	20	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	20	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	20	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	20	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	20	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	21	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	21	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	21	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	21	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	21	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	21	6	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010
4	21	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	21	8	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012
4	21	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	21	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
4	21	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
4	21	12	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012
4	21	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
4	21	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
4	21	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
4	21	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	21	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	21	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	21	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	21	20	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011	0.00011	0.00026	0.00020	0.00011	0.00010	0.00011
4	21	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	21	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010

4	21	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	21	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	22	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	22	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	22	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	22	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	22	5	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009
4	22	6	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010
4	22	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	22	8	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012
4	22	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	22	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
4	22	11	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012	0.00010	0.00004	0.00011	0.00010	0.00011	0.00012
4	22	12	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012	0.00010	0.00005	0.00010	0.00010	0.00010	0.00012
4	22	13	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012	0.00010	0.00007	0.00010	0.00010	0.00009	0.00012
4	22	14	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012	0.00010	0.00009	0.00011	0.00010	0.00009	0.00012
4	22	15	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012	0.00010	0.00010	0.00012	0.00010	0.00009	0.00012
4	22	16	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012	0.00010	0.00013	0.00014	0.00010	0.00009	0.00012
4	22	17	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011	0.00010	0.00017	0.00016	0.00010	0.00009	0.00011
4	22	18	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011	0.00010	0.00022	0.00019	0.00010	0.00010	0.00011
4	22	19	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012	0.00011	0.00025	0.00021	0.00011	0.00011	0.00012
4	22	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	22	21	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011	0.00011	0.00025	0.00018	0.00011	0.00010	0.00011
4	22	22	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010	0.00010	0.00023	0.00017	0.00010	0.00010	0.00010
4	22	23	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009	0.00009	0.00022	0.00015	0.00009	0.00010	0.00009
4	22	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	23	1	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008	0.00008	0.00014	0.00009	0.00008	0.00012	0.00008
4	23	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	23	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	23	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	23	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	23	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	23	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	23	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	23	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	23	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	23	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	23	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	23	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	23	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	23	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	23	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	23	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	23	18	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011	0.00011	0.00022	0.00019	0.00011	0.00010	0.00011
4	23	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	23	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	23	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	23	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	23	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	23	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	24	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	24	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	24	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	24	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	24	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	24	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	24	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	24	8	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012	0.00011	0.00001	0.00009	0.00011	0.00016	0.00012
4	24	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	24	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	24	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	24	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012

4	24	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	24	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	24	15	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012	0.00012	0.00010	0.00012	0.00012	0.00009	0.00012
4	24	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012
4	24	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	24	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	24	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	24	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	24	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	24	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	24	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	24	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	25	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	25	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	25	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	25	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	25	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	25	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	25	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	25	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	25	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	25	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	25	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
4	25	12	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012
4	25	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	25	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
4	25	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
4	25	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
4	25	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	25	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	25	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	25	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	25	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	25	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	25	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	25	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	26	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	26	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	26	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	26	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	26	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	26	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	26	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	26	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	26	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	26	10	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012	0.00012	0.00003	0.00014	0.00012	0.00012	0.00012
4	26	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
4	26	12	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012
4	26	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	26	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
4	26	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
4	26	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
4	26	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	26	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	26	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	26	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	26	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	26	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	26	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	26	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	27	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	27	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008

4	27	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	27	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	27	5	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009	0.00010	0.00003	0.00002	0.00010	0.00017	0.00009
4	27	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	27	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	27	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	27	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	27	10	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012
4	27	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
4	27	12	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012
4	27	13	0.00014	0.00007	0.00010	0.00014	0.00009	0.00012	0.00014	0.00007	0.00010	0.00014	0.00009	0.00012
4	27	14	0.00014	0.00009	0.00011	0.00014	0.00009	0.00012	0.00014	0.00009	0.00011	0.00014	0.00009	0.00012
4	27	15	0.00014	0.00010	0.00012	0.00014	0.00009	0.00012	0.00014	0.00010	0.00012	0.00014	0.00009	0.00012
4	27	16	0.00014	0.00013	0.00014	0.00014	0.00009	0.00012	0.00014	0.00013	0.00014	0.00014	0.00009	0.00012
4	27	17	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011
4	27	18	0.00013	0.00022	0.00019	0.00013	0.00010	0.00011	0.00013	0.00022	0.00019	0.00013	0.00010	0.00011
4	27	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
4	27	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	27	21	0.00013	0.00025	0.00018	0.00013	0.00010	0.00011	0.00013	0.00025	0.00018	0.00013	0.00010	0.00011
4	27	22	0.00012	0.00023	0.00017	0.00012	0.00010	0.00010	0.00012	0.00023	0.00017	0.00012	0.00010	0.00010
4	27	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
4	27	24	0.00010	0.00018	0.00012	0.00010	0.00011	0.00008	0.00010	0.00018	0.00012	0.00010	0.00011	0.00008
4	28	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	28	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	28	3	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008	0.00009	0.00007	0.00005	0.00009	0.00014	0.00008
4	28	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	28	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	28	6	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010	0.00009	0.00002	0.00002	0.00009	0.00018	0.00010
4	28	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	28	8	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012	0.00010	0.00001	0.00009	0.00010	0.00016	0.00012
4	28	9	0.00011	0.00003	0.00014	0.00011	0.00014	0.00012	0.00011	0.00003	0.00014	0.00011	0.00014	0.00012
4	28	10	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012	0.00011	0.00003	0.00014	0.00011	0.00012	0.00012
4	28	11	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012	0.00012	0.00004	0.00011	0.00012	0.00011	0.00012
4	28	12	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012	0.00012	0.00005	0.00010	0.00012	0.00010	0.00012
4	28	13	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012	0.00012	0.00007	0.00010	0.00012	0.00009	0.00012
4	28	14	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012	0.00012	0.00009	0.00011	0.00012	0.00009	0.00012
4	28	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
4	28	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
4	28	17	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011
4	28	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	28	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	28	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	28	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	28	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	28	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	28	24	0.00010	0.00018	0.00012	0.00010	0.00011	0.00008	0.00010	0.00018	0.00012	0.00010	0.00011	0.00008
4	29	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	29	2	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008	0.00009	0.00010	0.00006	0.00009	0.00013	0.00008
4	29	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	29	4	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008	0.00008	0.00005	0.00003	0.00008	0.00015	0.00008
4	29	5	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009	0.00008	0.00003	0.00002	0.00008	0.00017	0.00009
4	29	6	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010	0.00008	0.00002	0.00002	0.00008	0.00018	0.00010
4	29	7	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011	0.00009	0.00001	0.00004	0.00009	0.00017	0.00011
4	29	8	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012	0.00009	0.00001	0.00009	0.00009	0.00016	0.00012
4	29	9	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012	0.00010	0.00003	0.00014	0.00010	0.00014	0.00012
4	29	10	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012	0.00010	0.00003	0.00014	0.00010	0.00012	0.00012
4	29	11	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012	0.00011	0.00004	0.00011	0.00011	0.00011	0.00012
4	29	12	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012	0.00011	0.00005	0.00010	0.00011	0.00010	0.00012
4	29	13	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012	0.00011	0.00007	0.00010	0.00011	0.00009	0.00012
4	29	14	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012	0.00011	0.00009	0.00011	0.00011	0.00009	0.00012
4	29	15	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012	0.00011	0.00010	0.00012	0.00011	0.00009	0.00012
4	29	16	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012	0.00012	0.00013	0.00014	0.00012	0.00009	0.00012

4	29	17	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011	0.00012	0.00017	0.00016	0.00012	0.00009	0.00011
4	29	18	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011	0.00012	0.00022	0.00019	0.00012	0.00010	0.00011
4	29	19	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012	0.00012	0.00025	0.00021	0.00012	0.00011	0.00012
4	29	20	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011	0.00012	0.00026	0.00020	0.00012	0.00010	0.00011
4	29	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	29	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	29	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	29	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
4	30	1	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008	0.00009	0.00014	0.00009	0.00009	0.00012	0.00008
4	30	2	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008	0.00008	0.00010	0.00006	0.00008	0.00013	0.00008
4	30	3	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008	0.00008	0.00007	0.00005	0.00008	0.00014	0.00008
4	30	4	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008	0.00009	0.00005	0.00003	0.00009	0.00015	0.00008
4	30	5	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009	0.00009	0.00003	0.00002	0.00009	0.00017	0.00009
4	30	6	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010	0.00010	0.00002	0.00002	0.00010	0.00018	0.00010
4	30	7	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011	0.00011	0.00001	0.00004	0.00011	0.00017	0.00011
4	30	8	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012	0.00012	0.00001	0.00009	0.00012	0.00016	0.00012
4	30	9	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012	0.00012	0.00003	0.00014	0.00012	0.00014	0.00012
4	30	10	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012	0.00013	0.00003	0.00014	0.00013	0.00012	0.00012
4	30	11	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012	0.00013	0.00004	0.00011	0.00013	0.00011	0.00012
4	30	12	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012	0.00013	0.00005	0.00010	0.00013	0.00010	0.00012
4	30	13	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012	0.00013	0.00007	0.00010	0.00013	0.00009	0.00012
4	30	14	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012	0.00013	0.00009	0.00011	0.00013	0.00009	0.00012
4	30	15	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012	0.00013	0.00010	0.00012	0.00013	0.00009	0.00012
4	30	16	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012	0.00013	0.00013	0.00014	0.00013	0.00009	0.00012
4	30	17	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011	0.00013	0.00017	0.00016	0.00013	0.00009	0.00011
4	30	18	0.00013	0.00022	0.00019	0.00013	0.00010	0.00011	0.00013	0.00022	0.00019	0.00013	0.00010	0.00011
4	30	19	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012	0.00013	0.00025	0.00021	0.00013	0.00011	0.00012
4	30	20	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011	0.00013	0.00026	0.00020	0.00013	0.00010	0.00011
4	30	21	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011	0.00012	0.00025	0.00018	0.00012	0.00010	0.00011
4	30	22	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010	0.00011	0.00023	0.00017	0.00011	0.00010	0.00010
4	30	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
4	30	24	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008	0.00009	0.00018	0.00012	0.00009	0.00011	0.00008
5	1	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	1	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	1	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	1	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	1	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	1	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	1	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	1	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	1	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	1	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
5	1	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
5	1	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	1	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	1	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	1	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	1	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	1	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	1	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	1	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	1	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	1	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	1	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	1	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	1	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	2	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	2	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	2	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	2	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	2	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	2	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011

5	2	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	2	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	2	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	2	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
5	2	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	2	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012
5	2	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012
5	2	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	2	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	2	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	2	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	2	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	2	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	2	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	2	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	2	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	2	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	2	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	3	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	3	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	3	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	3	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	3	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	3	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	3	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	3	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	3	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	3	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
5	3	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
5	3	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012
5	3	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012
5	3	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	3	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	3	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	3	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	3	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	3	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	3	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	3	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	3	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	3	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	3	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	4	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	4	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	4	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	4	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	4	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	4	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	4	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	4	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	4	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	4	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
5	4	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
5	4	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012
5	4	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012
5	4	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	4	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	4	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	4	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	4	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	4	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	4	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012

5	4	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	4	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	4	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	4	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	5	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	5	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	5	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	5	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	5	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	5	6	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011
5	5	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	5	8	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012
5	5	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	5	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
5	5	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	5	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	5	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	5	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012
5	5	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00012	0.00010	0.00010	0.00012	0.00010	0.00008	0.00012
5	5	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00012	0.00010	0.00014	0.00014	0.00010	0.00008	0.00012
5	5	17	0.00010	0.00017	0.00016	0.00010	0.00008	0.00011	0.00010	0.00017	0.00016	0.00010	0.00008	0.00011
5	5	18	0.00010	0.00021	0.00019	0.00010	0.00009	0.00011	0.00010	0.00021	0.00019	0.00010	0.00009	0.00011
5	5	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	5	20	0.00011	0.00025	0.00020	0.00011	0.00010	0.00012	0.00011	0.00025	0.00020	0.00011	0.00010	0.00012
5	5	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
5	5	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
5	5	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	5	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	6	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
5	6	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008
5	6	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	6	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	6	5	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009
5	6	6	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011
5	6	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	6	8	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012
5	6	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	6	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
5	6	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
5	6	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	6	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	6	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012
5	6	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012
5	6	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012
5	6	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	6	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	6	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	6	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	6	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	6	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	6	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	6	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	7	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	7	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008
5	7	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	7	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	7	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	7	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	7	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	7	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	7	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	7	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013

5	7	11	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013
5	7	12	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012
5	7	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012
5	7	14	0.00015	0.00009	0.00011	0.00015	0.00008	0.00012	0.00015	0.00009	0.00011	0.00015	0.00008	0.00012
5	7	15	0.00015	0.00010	0.00012	0.00015	0.00008	0.00012	0.00015	0.00010	0.00012	0.00015	0.00008	0.00012
5	7	16	0.00015	0.00014	0.00014	0.00015	0.00008	0.00012	0.00015	0.00014	0.00014	0.00015	0.00008	0.00012
5	7	17	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011
5	7	18	0.00014	0.00021	0.00019	0.00014	0.00009	0.00011	0.00014	0.00021	0.00019	0.00014	0.00009	0.00011
5	7	19	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012
5	7	20	0.00014	0.00025	0.00020	0.00014	0.00010	0.00012	0.00014	0.00025	0.00020	0.00014	0.00010	0.00012
5	7	21	0.00014	0.00024	0.00018	0.00014	0.00009	0.00011	0.00014	0.00024	0.00018	0.00014	0.00009	0.00011
5	7	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	7	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	7	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	8	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	8	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	8	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	8	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	8	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	8	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	8	7	0.00012	0.00001	0.00004	0.00012	0.00013	0.00011	0.00012	0.00001	0.00004	0.00012	0.00013	0.00011
5	8	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	8	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	8	10	0.00014	0.00003	0.00013	0.00014	0.00010	0.00013	0.00014	0.00003	0.00013	0.00014	0.00010	0.00013
5	8	11	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013
5	8	12	0.00015	0.00005	0.00010	0.00015	0.00008	0.00012	0.00015	0.00005	0.00010	0.00015	0.00008	0.00012
5	8	13	0.00015	0.00007	0.00010	0.00015	0.00008	0.00012	0.00015	0.00007	0.00010	0.00015	0.00008	0.00012
5	8	14	0.00016	0.00009	0.00011	0.00016	0.00008	0.00012	0.00016	0.00009	0.00011	0.00016	0.00008	0.00012
5	8	15	0.00016	0.00010	0.00012	0.00016	0.00008	0.00012	0.00016	0.00010	0.00012	0.00016	0.00008	0.00012
5	8	16	0.00016	0.00014	0.00014	0.00016	0.00008	0.00012	0.00016	0.00014	0.00014	0.00016	0.00008	0.00012
5	8	17	0.00015	0.00017	0.00016	0.00015	0.00008	0.00011	0.00015	0.00017	0.00016	0.00015	0.00008	0.00011
5	8	18	0.00015	0.00021	0.00019	0.00015	0.00009	0.00011	0.00015	0.00021	0.00019	0.00015	0.00009	0.00011
5	8	19	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012
5	8	20	0.00015	0.00025	0.00020	0.00015	0.00010	0.00012	0.00015	0.00025	0.00020	0.00015	0.00010	0.00012
5	8	21	0.00014	0.00024	0.00018	0.00014	0.00009	0.00011	0.00014	0.00024	0.00018	0.00014	0.00009	0.00011
5	8	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	8	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	8	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	9	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	9	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	9	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	9	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	9	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	9	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	9	7	0.00012	0.00001	0.00004	0.00012	0.00013	0.00011	0.00012	0.00001	0.00004	0.00012	0.00013	0.00011
5	9	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	9	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	9	10	0.00014	0.00003	0.00013	0.00014	0.00010	0.00013	0.00014	0.00003	0.00013	0.00014	0.00010	0.00013
5	9	11	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013	0.00014	0.00004	0.00011	0.00014	0.00009	0.00013
5	9	12	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012
5	9	13	0.00015	0.00007	0.00010	0.00015	0.00008	0.00012	0.00015	0.00007	0.00010	0.00015	0.00008	0.00012
5	9	14	0.00015	0.00009	0.00011	0.00015	0.00008	0.00012	0.00015	0.00009	0.00011	0.00015	0.00008	0.00012
5	9	15	0.00015	0.00010	0.00012	0.00015	0.00008	0.00012	0.00015	0.00010	0.00012	0.00015	0.00008	0.00012
5	9	16	0.00015	0.00014	0.00014	0.00015	0.00008	0.00012	0.00015	0.00014	0.00014	0.00015	0.00008	0.00012
5	9	17	0.00015	0.00017	0.00016	0.00015	0.00008	0.00011	0.00015	0.00017	0.00016	0.00015	0.00008	0.00011
5	9	18	0.00014	0.00021	0.00019	0.00014	0.00009	0.00011	0.00014	0.00021	0.00019	0.00014	0.00009	0.00011
5	9	19	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012	0.00014	0.00024	0.00020	0.00014	0.00010	0.00012
5	9	20	0.00014	0.00025	0.00020	0.00014	0.00010	0.00012	0.00014	0.00025	0.00020	0.00014	0.00010	0.00012
5	9	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	9	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	9	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	9	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009

5	10	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	10	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	10	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	10	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	10	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	10	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	10	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	10	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	10	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	10	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	10	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	10	12	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012	0.00014	0.00005	0.00010	0.00014	0.00008	0.00012
5	10	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012
5	10	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012
5	10	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012
5	10	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012
5	10	17	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011
5	10	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	10	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	10	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	10	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	10	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	10	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	10	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	11	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	11	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	11	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	11	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	11	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	11	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	11	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	11	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	11	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	11	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	11	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	11	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	11	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	11	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	11	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	11	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	11	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	11	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	11	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	11	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	11	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	11	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	11	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	11	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	12	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	12	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	12	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	12	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	12	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	12	6	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011
5	12	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	12	8	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012
5	12	9	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013
5	12	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
5	12	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	12	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	12	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	12	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012

5	12	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012
5	12	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012
5	12	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	12	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	12	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	12	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	12	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	12	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	12	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	12	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	13	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	13	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008
5	13	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	13	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	13	5	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009
5	13	6	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011
5	13	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	13	8	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012
5	13	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	13	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
5	13	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
5	13	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	13	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00012	0.00010	0.00007	0.00010	0.00010	0.00008	0.00012
5	13	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012
5	13	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012
5	13	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012
5	13	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	13	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	13	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	13	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	13	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
5	13	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	13	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	13	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	14	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
5	14	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008
5	14	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	14	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	14	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	14	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	14	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	14	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	14	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	14	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	14	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	14	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	14	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	14	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	14	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	14	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	14	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	14	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	14	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	14	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	14	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	14	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	14	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	14	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	15	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	15	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	15	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	15	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009

5	15	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	15	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	15	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	15	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	15	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	15	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	15	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	15	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	15	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	15	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	15	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	15	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	15	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	15	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	15	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	15	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	15	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	15	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	15	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	15	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	16	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	16	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	16	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	16	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	16	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	16	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	16	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	16	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	16	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	16	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	16	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	16	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	16	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	16	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	16	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	16	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	16	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	16	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	16	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	16	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	16	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	16	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	16	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	16	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	17	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	17	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	17	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	17	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	17	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	17	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	17	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	17	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	17	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	17	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	17	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	17	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	17	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	17	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	17	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	17	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	17	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	17	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011

5	17	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	17	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	17	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	17	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	17	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	17	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	18	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	18	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	18	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	18	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	18	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	18	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	18	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	18	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	18	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	18	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	18	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	18	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	18	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	18	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	18	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	18	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	18	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	18	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	18	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	18	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	18	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	18	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	18	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	18	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	19	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	19	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	19	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	19	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	19	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	19	6	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011
5	19	7	0.00010	0.00001	0.00004	0.00010	0.00013	0.00011	0.00010	0.00001	0.00004	0.00010	0.00013	0.00011
5	19	8	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012
5	19	9	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013
5	19	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
5	19	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	19	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012
5	19	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012
5	19	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	19	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	19	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	19	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	19	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	19	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	19	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	19	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	19	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	19	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	19	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	20	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	20	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	20	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	20	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	20	5	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009	0.00008	0.00003	0.00002	0.00008	0.00012	0.00009
5	20	6	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011
5	20	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	20	8	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012

5	20	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	20	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
5	20	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	20	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	20	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	20	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012
5	20	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012
5	20	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012
5	20	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	20	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	20	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	20	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	20	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	20	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	20	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	20	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	21	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	21	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008	0.00008	0.00010	0.00007	0.00008	0.00010	0.00008
5	21	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	21	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	21	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	21	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	21	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	21	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	21	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	21	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	21	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	21	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	21	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	21	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	21	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	21	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	21	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	21	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	21	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	21	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	21	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	21	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	21	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	21	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	22	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	22	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	22	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	22	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	22	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	22	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	22	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	22	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	22	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	22	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	22	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	22	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	22	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	22	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	22	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	22	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	22	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	22	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	22	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	22	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	22	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	22	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010

5	22	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	22	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	23	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	23	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	23	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	23	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	23	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	23	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	23	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	23	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	23	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	23	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	23	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	23	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	23	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	23	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012
5	23	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012
5	23	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012
5	23	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	23	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	23	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	23	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	23	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	23	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	23	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	23	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	24	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	24	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	24	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	24	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	24	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	24	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	24	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	24	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	24	9	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013	0.00013	0.00003	0.00013	0.00013	0.00011	0.00013
5	24	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	24	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	24	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	24	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012
5	24	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012
5	24	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012
5	24	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012
5	24	17	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011	0.00014	0.00017	0.00016	0.00014	0.00008	0.00011
5	24	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	24	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	24	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	24	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	24	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	24	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	24	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	25	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	25	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	25	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	25	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	25	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	25	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	25	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	25	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	25	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	25	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	25	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	25	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012

5	25	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012	0.00014	0.00007	0.00010	0.00014	0.00008	0.00012
5	25	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012
5	25	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012
5	25	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	25	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	25	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	25	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	25	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	25	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	25	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	25	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	25	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	26	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	26	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	26	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	26	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	26	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	26	6	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011
5	26	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	26	8	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012
5	26	9	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013	0.00011	0.00003	0.00013	0.00011	0.00011	0.00013
5	26	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
5	26	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
5	26	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012	0.00012	0.00005	0.00010	0.00012	0.00008	0.00012
5	26	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012	0.00012	0.00007	0.00010	0.00012	0.00008	0.00012
5	26	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	26	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	26	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	26	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	26	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	26	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	26	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	26	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	26	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	26	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	26	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	27	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	27	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	27	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	27	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	27	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	27	6	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011	0.00008	0.00002	0.00002	0.00008	0.00013	0.00011
5	27	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	27	8	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012	0.00009	0.00002	0.00008	0.00009	0.00012	0.00012
5	27	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	27	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
5	27	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	27	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	27	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	27	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012	0.00011	0.00009	0.00011	0.00011	0.00008	0.00012
5	27	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012	0.00011	0.00010	0.00012	0.00011	0.00008	0.00012
5	27	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012	0.00011	0.00014	0.00014	0.00011	0.00008	0.00012
5	27	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011	0.00011	0.00017	0.00016	0.00011	0.00008	0.00011
5	27	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011	0.00011	0.00021	0.00019	0.00011	0.00009	0.00011
5	27	19	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012	0.00011	0.00024	0.00020	0.00011	0.00010	0.00012
5	27	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	27	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
5	27	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	27	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	27	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	28	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	28	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008

5	28	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008	0.00008	0.00007	0.00005	0.00008	0.00010	0.00008
5	28	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
5	28	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	28	6	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011	0.00009	0.00002	0.00002	0.00009	0.00013	0.00011
5	28	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011	0.00009	0.00001	0.00004	0.00009	0.00013	0.00011
5	28	8	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012	0.00010	0.00002	0.00008	0.00010	0.00012	0.00012
5	28	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
5	28	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
5	28	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
5	28	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012	0.00011	0.00005	0.00010	0.00011	0.00008	0.00012
5	28	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012	0.00011	0.00007	0.00010	0.00011	0.00008	0.00012
5	28	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012	0.00012	0.00009	0.00011	0.00012	0.00008	0.00012
5	28	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012	0.00012	0.00010	0.00012	0.00012	0.00008	0.00012
5	28	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012	0.00012	0.00014	0.00014	0.00012	0.00008	0.00012
5	28	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011	0.00012	0.00017	0.00016	0.00012	0.00008	0.00011
5	28	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011	0.00012	0.00021	0.00019	0.00012	0.00009	0.00011
5	28	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	28	20	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012	0.00012	0.00025	0.00020	0.00012	0.00010	0.00012
5	28	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
5	28	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
5	28	23	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009	0.00010	0.00022	0.00015	0.00010	0.00010	0.00009
5	28	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
5	29	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	29	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	29	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	29	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	29	5	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009	0.00009	0.00003	0.00002	0.00009	0.00012	0.00009
5	29	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	29	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	29	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	29	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	29	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	29	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	29	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	29	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	29	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012	0.00014	0.00009	0.00011	0.00014	0.00008	0.00012
5	29	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012	0.00014	0.00010	0.00012	0.00014	0.00008	0.00012
5	29	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012	0.00014	0.00014	0.00014	0.00014	0.00008	0.00012
5	29	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	29	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	29	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	29	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	29	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	29	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	29	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	29	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	30	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	30	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	30	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	30	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	30	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	30	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	30	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	30	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	30	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	30	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	30	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	30	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	30	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	30	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	30	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	30	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012

5	30	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	30	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	30	19	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012	0.00012	0.00024	0.00020	0.00012	0.00010	0.00012
5	30	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	30	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	30	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	30	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	30	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
5	31	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
5	31	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008	0.00009	0.00010	0.00007	0.00009	0.00010	0.00008
5	31	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008	0.00009	0.00007	0.00005	0.00009	0.00010	0.00008
5	31	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
5	31	5	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009	0.00010	0.00003	0.00002	0.00010	0.00012	0.00009
5	31	6	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011	0.00010	0.00002	0.00002	0.00010	0.00013	0.00011
5	31	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011	0.00011	0.00001	0.00004	0.00011	0.00013	0.00011
5	31	8	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012	0.00012	0.00002	0.00008	0.00012	0.00012	0.00012
5	31	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
5	31	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
5	31	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
5	31	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012	0.00013	0.00005	0.00010	0.00013	0.00008	0.00012
5	31	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012	0.00013	0.00007	0.00010	0.00013	0.00008	0.00012
5	31	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012	0.00013	0.00009	0.00011	0.00013	0.00008	0.00012
5	31	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012	0.00013	0.00010	0.00012	0.00013	0.00008	0.00012
5	31	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012	0.00013	0.00014	0.00014	0.00013	0.00008	0.00012
5	31	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011	0.00013	0.00017	0.00016	0.00013	0.00008	0.00011
5	31	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011	0.00013	0.00021	0.00019	0.00013	0.00009	0.00011
5	31	19	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012	0.00013	0.00024	0.00020	0.00013	0.00010	0.00012
5	31	20	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012	0.00013	0.00025	0.00020	0.00013	0.00010	0.00012
5	31	21	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011	0.00013	0.00024	0.00018	0.00013	0.00009	0.00011
5	31	22	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010	0.00012	0.00023	0.00017	0.00012	0.00009	0.00010
5	31	23	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009	0.00011	0.00022	0.00015	0.00011	0.00010	0.00009
5	31	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
6	1	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	1	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	1	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	1	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	1	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	1	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	1	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	1	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	1	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	1	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	1	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	1	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	1	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	1	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	1	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	1	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	1	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	1	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	1	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	1	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	1	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	1	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	1	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	1	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	2	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	2	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	2	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	2	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	2	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	2	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011

6	2	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	2	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
6	2	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013
6	2	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	2	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	2	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
6	2	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014
6	2	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	2	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	2	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014
6	2	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	2	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	2	19	0.00011	0.00025	0.00021	0.00011	0.00008	0.00013	0.00011	0.00025	0.00021	0.00011	0.00008	0.00013
6	2	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	2	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	2	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	2	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	2	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	3	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	3	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	3	3	0.00008	0.00007	0.00005	0.00008	0.00008	0.00009	0.00008	0.00007	0.00005	0.00008	0.00008	0.00009
6	3	4	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009
6	3	5	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010
6	3	6	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011
6	3	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	3	8	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013
6	3	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013
6	3	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	3	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	3	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
6	3	13	0.00011	0.00007	0.00010	0.00011	0.00007	0.00014	0.00011	0.00007	0.00010	0.00011	0.00007	0.00014
6	3	14	0.00011	0.00009	0.00011	0.00011	0.00007	0.00014	0.00011	0.00009	0.00011	0.00011	0.00007	0.00014
6	3	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	3	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014
6	3	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	3	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	3	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	3	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	3	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	3	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	3	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	3	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
6	4	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	4	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	4	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	4	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	4	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	4	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	4	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	4	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	4	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	4	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	4	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	4	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	4	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014
6	4	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014
6	4	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014
6	4	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014
6	4	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013
6	4	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013
6	4	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013
6	4	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013

6	4	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	4	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	4	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	4	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	5	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	5	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	5	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	5	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	5	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	5	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	5	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	5	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	5	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	5	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	5	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	5	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	5	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	5	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	5	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	5	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	5	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	5	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	5	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	5	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	5	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	5	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	5	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	5	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	6	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	6	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	6	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	6	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	6	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	6	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	6	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	6	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	6	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	6	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
6	6	11	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014
6	6	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
6	6	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	6	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	6	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	6	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014
6	6	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	6	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	6	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	6	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	6	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	6	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	6	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	6	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	7	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	7	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	7	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	7	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	7	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	7	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	7	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	7	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
6	7	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	7	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014

6	7	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	7	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	7	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	7	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	7	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	7	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	7	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	7	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	7	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	7	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	7	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	7	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	7	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	7	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	8	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	8	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	8	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	8	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	8	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	8	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	8	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	8	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	8	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	8	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	8	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	8	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	8	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	8	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	8	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	8	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	8	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013
6	8	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	8	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	8	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	8	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	8	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	8	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	8	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	9	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	9	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	9	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	9	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	9	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	9	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
6	9	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	9	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
6	9	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013
6	9	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	9	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	9	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
6	9	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014
6	9	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	9	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	9	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014
6	9	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	9	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	9	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	9	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	9	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	9	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	9	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	9	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009

6	10	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	10	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	10	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	10	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	10	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	10	6	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011
6	10	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	10	8	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013
6	10	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013
6	10	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	10	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	10	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
6	10	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014
6	10	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	10	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	10	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014	0.00012	0.00013	0.00014	0.00012	0.00007	0.00014
6	10	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013	0.00012	0.00017	0.00016	0.00012	0.00007	0.00013
6	10	18	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013	0.00012	0.00022	0.00019	0.00012	0.00007	0.00013
6	10	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	10	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	10	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	10	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
6	10	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	10	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
6	11	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	11	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	11	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	11	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	11	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	11	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	11	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	11	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	11	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	11	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	11	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	11	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	11	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014
6	11	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014
6	11	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014
6	11	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014
6	11	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013
6	11	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013
6	11	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013
6	11	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	11	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	11	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	11	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	11	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	12	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	12	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	12	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	12	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	12	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	12	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	12	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	12	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	12	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	12	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
6	12	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	12	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
6	12	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014
6	12	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014

6	12	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014
6	12	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014
6	12	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	12	18	0.00014	0.00022	0.00019	0.00014	0.00007	0.00013	0.00014	0.00022	0.00019	0.00014	0.00007	0.00013
6	12	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	12	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	12	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	12	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	12	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	12	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	13	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	13	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	13	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	13	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	13	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	13	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	13	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	13	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	13	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	13	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	13	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	13	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	13	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014
6	13	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014
6	13	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	13	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	13	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013
6	13	18	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013
6	13	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
6	13	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
6	13	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
6	13	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	13	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	13	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	14	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	14	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	14	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	14	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
6	14	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	14	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
6	14	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
6	14	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
6	14	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00013	0.00014	0.00003	0.00014	0.00014	0.00009	0.00013
6	14	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
6	14	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	14	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
6	14	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014
6	14	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00014	0.00017	0.00009	0.00011	0.00017	0.00007	0.00014
6	14	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00014	0.00017	0.00010	0.00012	0.00017	0.00007	0.00014
6	14	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00014	0.00017	0.00013	0.00014	0.00017	0.00007	0.00014
6	14	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00013	0.00017	0.00017	0.00016	0.00017	0.00007	0.00013
6	14	18	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013
6	14	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
6	14	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
6	14	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
6	14	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	14	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	14	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	15	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	15	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	15	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
6	15	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009

6	15	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	15	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
6	15	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
6	15	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
6	15	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00013	0.00014	0.00003	0.00014	0.00014	0.00009	0.00013
6	15	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
6	15	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	15	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
6	15	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014	0.00016	0.00007	0.00010	0.00016	0.00007	0.00014
6	15	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014
6	15	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00014	0.00017	0.00010	0.00012	0.00017	0.00007	0.00014
6	15	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00014	0.00017	0.00013	0.00014	0.00017	0.00007	0.00014
6	15	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013
6	15	18	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013	0.00016	0.00022	0.00019	0.00016	0.00007	0.00013
6	15	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
6	15	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	15	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	15	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	15	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	15	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	16	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	16	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	16	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	16	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	16	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	16	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
6	16	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
6	16	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
6	16	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	16	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
6	16	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	16	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	16	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	16	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	16	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	16	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	16	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013
6	16	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013
6	16	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013
6	16	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	16	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	16	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	16	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	16	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	17	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	17	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	17	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	17	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	17	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	17	6	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011	0.00008	0.00002	0.00002	0.00008	0.00009	0.00011
6	17	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	17	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
6	17	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013
6	17	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	17	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	17	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
6	17	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014
6	17	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	17	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014	0.00013	0.00010	0.00012	0.00013	0.00007	0.00014
6	17	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	17	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013
6	17	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013

6	17	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	17	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	17	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	17	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	17	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	17	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	18	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	18	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	18	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	18	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	18	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	18	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	18	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	18	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	18	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	18	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	18	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	18	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
6	18	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	18	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	18	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	18	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	18	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013
6	18	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	18	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
6	18	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	18	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	18	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	18	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	18	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	19	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	19	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	19	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	19	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	19	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	19	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	19	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	19	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	19	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	19	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	19	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	19	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
6	19	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	19	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	19	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014
6	19	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014
6	19	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	19	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	19	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	19	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	19	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	19	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	19	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	19	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	20	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	20	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	20	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	20	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	20	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	20	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	20	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	20	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013

6	20	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	20	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	20	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	20	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
6	20	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	20	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	20	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014
6	20	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014	0.00015	0.00013	0.00014	0.00015	0.00007	0.00014
6	20	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	20	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	20	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	20	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	20	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	20	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	20	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	20	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	21	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	21	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	21	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	21	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	21	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	21	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	21	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	21	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	21	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	21	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	21	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	21	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
6	21	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	21	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	21	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014
6	21	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	21	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	21	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	21	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	21	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	21	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	21	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	21	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	21	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	22	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	22	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	22	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	22	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	22	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	22	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	22	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	22	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	22	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	22	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	22	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	22	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	22	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	22	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	22	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	22	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	22	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	22	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	22	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	22	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	22	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	22	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011

6	22	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	22	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	23	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	23	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	23	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	23	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	23	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	23	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
6	23	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
6	23	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
6	23	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013	0.00011	0.00003	0.00014	0.00011	0.00009	0.00013
6	23	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
6	23	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	23	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	23	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014	0.00013	0.00007	0.00010	0.00013	0.00007	0.00014
6	23	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014	0.00013	0.00009	0.00011	0.00013	0.00007	0.00014
6	23	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014
6	23	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014
6	23	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013
6	23	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013
6	23	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013
6	23	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	23	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	23	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	23	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	23	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	24	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	24	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	24	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	24	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	24	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	24	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
6	24	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
6	24	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
6	24	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013	0.00010	0.00003	0.00014	0.00010	0.00009	0.00013
6	24	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
6	24	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
6	24	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
6	24	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014	0.00012	0.00007	0.00010	0.00012	0.00007	0.00014
6	24	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014	0.00012	0.00009	0.00011	0.00012	0.00007	0.00014
6	24	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014	0.00012	0.00010	0.00012	0.00012	0.00007	0.00014
6	24	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014	0.00013	0.00013	0.00014	0.00013	0.00007	0.00014
6	24	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013	0.00013	0.00017	0.00016	0.00013	0.00007	0.00013
6	24	18	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013	0.00013	0.00022	0.00019	0.00013	0.00007	0.00013
6	24	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013	0.00012	0.00025	0.00021	0.00012	0.00008	0.00013
6	24	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
6	24	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
6	24	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	24	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
6	24	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
6	25	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
6	25	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	25	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	25	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	25	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	25	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	25	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	25	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	25	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	25	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	25	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	25	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014

6	25	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	25	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	25	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014	0.00015	0.00010	0.00012	0.00015	0.00007	0.00014
6	25	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	25	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	25	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	25	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	25	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	25	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	25	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	25	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	25	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	26	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	26	2	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009	0.00009	0.00010	0.00006	0.00009	0.00008	0.00009
6	26	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	26	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	26	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	26	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
6	26	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	26	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	26	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	26	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	26	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	26	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	26	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	26	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014
6	26	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	26	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	26	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013
6	26	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	26	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	26	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	26	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	26	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	26	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	26	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	27	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	27	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	27	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	27	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	27	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	27	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	27	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	27	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	27	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	27	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	27	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
6	27	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	27	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	27	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014	0.00015	0.00009	0.00011	0.00015	0.00007	0.00014
6	27	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	27	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	27	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	27	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	27	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
6	27	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
6	27	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	27	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	27	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	27	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	28	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	28	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009

6	28	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	28	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
6	28	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	28	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
6	28	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
6	28	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
6	28	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	28	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	28	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	28	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	28	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	28	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014
6	28	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	28	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	28	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013	0.00016	0.00017	0.00016	0.00016	0.00007	0.00013
6	28	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	28	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
6	28	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	28	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	28	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	28	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	28	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	29	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	29	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	29	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
6	29	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
6	29	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
6	29	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
6	29	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
6	29	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
6	29	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013	0.00013	0.00003	0.00014	0.00013	0.00009	0.00013
6	29	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
6	29	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
6	29	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
6	29	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014	0.00015	0.00007	0.00010	0.00015	0.00007	0.00014
6	29	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014	0.00016	0.00009	0.00011	0.00016	0.00007	0.00014
6	29	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014	0.00016	0.00010	0.00012	0.00016	0.00007	0.00014
6	29	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014	0.00016	0.00013	0.00014	0.00016	0.00007	0.00014
6	29	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013	0.00015	0.00017	0.00016	0.00015	0.00007	0.00013
6	29	18	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013	0.00015	0.00022	0.00019	0.00015	0.00007	0.00013
6	29	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
6	29	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
6	29	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
6	29	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
6	29	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
6	29	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
6	30	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
6	30	2	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009	0.00010	0.00010	0.00006	0.00010	0.00008	0.00009
6	30	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
6	30	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
6	30	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
6	30	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
6	30	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
6	30	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
6	30	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013	0.00012	0.00003	0.00014	0.00012	0.00009	0.00013
6	30	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
6	30	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
6	30	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
6	30	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014	0.00014	0.00007	0.00010	0.00014	0.00007	0.00014
6	30	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014	0.00014	0.00009	0.00011	0.00014	0.00007	0.00014
6	30	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014	0.00014	0.00010	0.00012	0.00014	0.00007	0.00014
6	30	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014	0.00014	0.00013	0.00014	0.00014	0.00007	0.00014

6	30	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013	0.00014	0.00017	0.00016	0.00014	0.00007	0.00013
6	30	18	0.00014	0.00022	0.00019	0.00014	0.00007	0.00013	0.00014	0.00022	0.00019	0.00014	0.00007	0.00013
6	30	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013	0.00013	0.00025	0.00021	0.00013	0.00008	0.00013
6	30	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
6	30	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
6	30	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
6	30	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
6	30	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
7	1	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	1	2	0.00009	0.00010	0.00007	0.00009	0.00008	0.00009	0.00009	0.00010	0.00007	0.00009	0.00008	0.00009
7	1	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	1	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	1	5	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010
7	1	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
7	1	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
7	1	8	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013
7	1	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
7	1	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	1	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	1	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
7	1	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	1	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
7	1	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
7	1	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	1	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	1	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
7	1	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	1	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	1	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	1	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	1	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	1	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	2	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	2	2	0.00009	0.00010	0.00007	0.00009	0.00008	0.00009	0.00009	0.00010	0.00007	0.00009	0.00008	0.00009
7	2	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	2	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	2	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	2	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	2	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	2	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	2	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	2	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	2	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	2	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	2	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	2	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	2	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	2	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	2	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	2	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	2	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	2	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	2	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	2	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	2	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	2	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	3	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	3	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	3	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	3	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	3	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	3	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011

7	3	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	3	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	3	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	3	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	3	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
7	3	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	3	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	3	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	3	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
7	3	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
7	3	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
7	3	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	3	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	3	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	3	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	3	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	3	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
7	3	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	4	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	4	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	4	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	4	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	4	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	4	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
7	4	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	4	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013
7	4	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	4	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	4	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	4	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	4	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	4	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	4	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	4	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	4	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	4	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
7	4	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	4	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	4	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	4	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	4	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	4	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	5	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	5	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	5	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	5	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	5	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	5	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	5	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	5	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	5	9	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	5	10	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
7	5	11	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014
7	5	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014
7	5	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
7	5	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
7	5	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
7	5	16	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015
7	5	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
7	5	18	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014
7	5	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00013	0.00017	0.00025	0.00021	0.00017	0.00008	0.00013
7	5	20	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013

7	5	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012
7	5	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
7	5	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
7	5	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
7	6	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	6	2	0.00011	0.00010	0.00007	0.00011	0.00008	0.00009	0.00011	0.00010	0.00007	0.00011	0.00008	0.00009
7	6	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	6	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	6	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	6	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	6	7	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012
7	6	8	0.00014	0.00001	0.00009	0.00014	0.00008	0.00013	0.00014	0.00001	0.00009	0.00014	0.00008	0.00013
7	6	9	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	6	10	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
7	6	11	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014
7	6	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014
7	6	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
7	6	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
7	6	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
7	6	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
7	6	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
7	6	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	6	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	6	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	6	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	6	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	6	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	6	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	7	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	7	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	7	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	7	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	7	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	7	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
7	7	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	7	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013
7	7	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	7	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	7	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	7	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
7	7	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	7	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	7	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	7	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	7	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	7	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	7	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	7	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	7	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	7	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	7	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	7	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	8	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	8	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	8	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	8	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	8	5	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010
7	8	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
7	8	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	8	8	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013
7	8	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
7	8	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014

7	8	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	8	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
7	8	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	8	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
7	8	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
7	8	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	8	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	8	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	8	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	8	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	8	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	8	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
7	8	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
7	8	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
7	9	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	9	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	9	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	9	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	9	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	9	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	9	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	9	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	9	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	9	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	9	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	9	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	9	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	9	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	9	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	9	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	9	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	9	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	9	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	9	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	9	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	9	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	9	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	9	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	10	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	10	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	10	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	10	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	10	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	10	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	10	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	10	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	10	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	10	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	10	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	10	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	10	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	10	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	10	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	10	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	10	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
7	10	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
7	10	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	10	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	10	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	10	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	10	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
7	10	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009

7	11	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	11	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	11	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	11	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	11	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	11	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	11	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	11	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	11	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	11	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	11	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	11	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	11	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	11	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	11	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	11	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	11	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	11	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	11	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	11	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	11	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	11	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	11	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
7	11	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
7	12	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	12	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	12	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	12	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	12	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	12	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	12	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	12	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	12	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	12	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	12	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	12	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	12	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	12	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	12	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	12	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	12	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	12	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	12	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	12	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	12	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	12	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	12	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	12	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	13	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	13	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	13	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	13	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	13	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	13	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	13	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	13	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	13	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	13	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	13	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	13	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	13	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	13	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015

7	13	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	13	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	13	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	13	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
7	13	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	13	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	13	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	13	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	13	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	13	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	14	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	14	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	14	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	14	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	14	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	14	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
7	14	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
7	14	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013
7	14	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	14	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	14	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	14	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
7	14	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	14	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	14	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	14	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	14	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	14	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	14	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	14	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	14	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	14	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	14	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	14	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	15	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	15	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	15	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	15	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	15	5	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010
7	15	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
7	15	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	15	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013
7	15	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
7	15	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	15	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	15	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
7	15	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	15	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	15	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	15	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	15	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	15	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	15	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	15	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	15	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	15	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	15	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	15	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	16	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	16	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	16	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	16	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010

7	16	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	16	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	16	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	16	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	16	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	16	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	16	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	16	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	16	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	16	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	16	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	16	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	16	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	16	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	16	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	16	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	16	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	16	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	16	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	16	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	17	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	17	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	17	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	17	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	17	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	17	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	17	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	17	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	17	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	17	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	17	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	17	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	17	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	17	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	17	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	17	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	17	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	17	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	17	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	17	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	17	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	17	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	17	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	17	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	18	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	18	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	18	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	18	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	18	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	18	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	18	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	18	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	18	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	18	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	18	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	18	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	18	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	18	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	18	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	18	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	18	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	18	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014

7	18	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	18	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	18	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	18	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	18	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	18	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	19	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	19	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	19	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	19	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	19	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	19	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	19	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	19	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	19	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	19	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	19	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	19	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	19	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	19	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	19	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	19	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	19	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	19	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	19	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	19	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	19	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	19	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	19	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	19	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	20	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	20	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	20	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	20	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	20	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	20	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	20	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	20	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	20	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	20	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	20	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	20	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	20	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	20	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	20	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	20	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	20	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	20	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	20	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	20	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	20	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	20	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	20	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	20	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	21	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	21	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	21	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	21	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	21	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	21	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
7	21	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	21	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013

7	21	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	21	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	21	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	21	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
7	21	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	21	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
7	21	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	21	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	21	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	21	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
7	21	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	21	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	21	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
7	21	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	21	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	21	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	22	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	22	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	22	3	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009	0.00009	0.00007	0.00005	0.00009	0.00008	0.00009
7	22	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	22	5	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010
7	22	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
7	22	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	22	8	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013	0.00010	0.00001	0.00009	0.00010	0.00008	0.00013
7	22	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
7	22	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	22	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	22	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
7	22	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	22	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
7	22	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	22	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	22	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	22	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
7	22	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	22	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	22	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	22	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	22	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	22	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	23	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	23	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	23	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	23	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	23	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	23	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	23	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	23	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	23	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	23	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	23	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	23	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	23	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	23	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	23	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	23	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	23	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	23	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
7	23	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	23	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	23	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	23	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011

7	23	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	23	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
7	24	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	24	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	24	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	24	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	24	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	24	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	24	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	24	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	24	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	24	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	24	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
7	24	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	24	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	24	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	24	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	24	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	24	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	24	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	24	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	24	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	24	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	24	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	24	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	24	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	25	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	25	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	25	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	25	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	25	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	25	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	25	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	25	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	25	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	25	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	25	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
7	25	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	25	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	25	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	25	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	25	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	25	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	25	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	25	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	25	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	25	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	25	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	25	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	25	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	26	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	26	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	26	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	26	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	26	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	26	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	26	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	26	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	26	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	26	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	26	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
7	26	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014

7	26	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	26	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
7	26	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
7	26	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
7	26	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
7	26	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	26	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	26	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	26	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	26	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	26	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
7	26	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
7	27	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	27	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	27	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	27	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	27	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	27	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	27	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	27	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	27	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	27	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	27	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
7	27	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	27	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
7	27	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	27	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
7	27	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
7	27	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	27	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	27	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	27	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	27	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	27	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	27	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
7	27	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	28	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	28	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	28	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	28	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	28	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	28	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
7	28	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
7	28	8	0.00012	0.00001	0.00009	0.00012	0.00008	0.00013	0.00012	0.00001	0.00009	0.00012	0.00008	0.00013
7	28	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	28	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
7	28	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
7	28	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
7	28	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
7	28	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
7	28	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
7	28	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
7	28	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
7	28	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	28	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013	0.00015	0.00025	0.00021	0.00015	0.00008	0.00013
7	28	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
7	28	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	28	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	28	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	28	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	29	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	29	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009

7	29	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	29	4	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010	0.00009	0.00005	0.00003	0.00009	0.00008	0.00010
7	29	5	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010	0.00009	0.00003	0.00002	0.00009	0.00008	0.00010
7	29	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
7	29	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
7	29	8	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013	0.00011	0.00001	0.00009	0.00011	0.00008	0.00013
7	29	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
7	29	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
7	29	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
7	29	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
7	29	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
7	29	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
7	29	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
7	29	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
7	29	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
7	29	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
7	29	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013	0.00014	0.00025	0.00021	0.00014	0.00008	0.00013
7	29	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
7	29	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
7	29	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
7	29	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	29	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	30	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
7	30	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	30	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	30	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	30	5	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010	0.00010	0.00003	0.00002	0.00010	0.00008	0.00010
7	30	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	30	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	30	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	30	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	30	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	30	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	30	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	30	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	30	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	30	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	30	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
7	30	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	30	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
7	30	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	30	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	30	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	30	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	30	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	30	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
7	31	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
7	31	2	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009	0.00010	0.00010	0.00007	0.00010	0.00008	0.00009
7	31	3	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009	0.00010	0.00007	0.00005	0.00010	0.00008	0.00009
7	31	4	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010	0.00010	0.00005	0.00003	0.00010	0.00008	0.00010
7	31	5	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010	0.00011	0.00003	0.00002	0.00011	0.00008	0.00010
7	31	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
7	31	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
7	31	8	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013	0.00013	0.00001	0.00009	0.00013	0.00008	0.00013
7	31	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
7	31	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
7	31	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
7	31	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
7	31	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
7	31	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
7	31	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
7	31	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015

7	31	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
7	31	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
7	31	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013	0.00016	0.00025	0.00021	0.00016	0.00008	0.00013
7	31	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
7	31	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
7	31	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
7	31	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
7	31	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
8	1	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	1	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	1	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	1	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	1	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	1	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	1	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	1	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	1	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	1	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	1	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
8	1	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	1	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
8	1	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	1	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	1	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
8	1	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	1	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	1	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	1	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	1	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	1	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	1	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	1	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	2	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	2	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	2	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	2	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	2	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	2	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	2	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	2	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	2	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	2	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	2	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	2	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	2	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	2	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	2	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	2	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	2	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	2	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	2	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	2	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	2	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	2	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	2	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	2	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	3	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	3	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	3	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	3	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	3	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	3	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011

8	3	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	3	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	3	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	3	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	3	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	3	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	3	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	3	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	3	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	3	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	3	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	3	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	3	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	3	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	3	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	3	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	3	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	3	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010
8	4	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	4	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	4	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	4	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	4	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	4	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
8	4	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
8	4	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
8	4	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	4	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	4	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	4	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015
8	4	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
8	4	14	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015
8	4	15	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015
8	4	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
8	4	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
8	4	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	4	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	4	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	4	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	4	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	4	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	4	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	5	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	5	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	5	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	5	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010
8	5	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
8	5	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
8	5	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	5	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
8	5	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
8	5	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	5	11	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014
8	5	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015
8	5	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
8	5	14	0.00013	0.00009	0.00011	0.00013	0.00006	0.00015	0.00013	0.00009	0.00011	0.00013	0.00006	0.00015
8	5	15	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015
8	5	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
8	5	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
8	5	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	5	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
8	5	20	0.00013	0.00025	0.00020	0.00013	0.00008	0.00013	0.00013	0.00025	0.00020	0.00013	0.00008	0.00013

8	5	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013
8	5	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
8	5	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	5	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	6	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	6	2	0.00009	0.00010	0.00007	0.00009	0.00009	0.00009	0.00009	0.00010	0.00007	0.00009	0.00009	0.00009
8	6	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	6	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	6	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	6	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	6	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	6	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	6	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	6	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	6	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	6	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015
8	6	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
8	6	14	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015
8	6	15	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015
8	6	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
8	6	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
8	6	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	6	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	6	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	6	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	6	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
8	6	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	6	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	7	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	7	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	7	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	7	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	7	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	7	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	7	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	7	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
8	7	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	7	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	7	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	7	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015
8	7	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
8	7	14	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015
8	7	15	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015
8	7	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
8	7	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
8	7	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	7	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	7	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	7	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	7	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	7	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	7	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	8	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	8	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	8	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	8	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	8	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	8	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	8	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	8	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
8	8	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	8	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014

8	8	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	8	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015
8	8	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
8	8	14	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015
8	8	15	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015
8	8	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
8	8	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
8	8	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	8	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	8	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	8	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	8	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	8	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	8	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	9	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	9	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	9	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	9	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	9	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	9	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	9	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	9	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	9	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	9	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	9	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
8	9	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015
8	9	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
8	9	14	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015
8	9	15	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015
8	9	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
8	9	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
8	9	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	9	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	9	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	9	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	9	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	9	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	9	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	10	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	10	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	10	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	10	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	10	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	10	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	10	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	10	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	10	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	10	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	10	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
8	10	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015
8	10	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
8	10	14	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015
8	10	15	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015
8	10	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
8	10	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
8	10	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	10	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	10	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	10	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	10	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	10	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	10	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010

8	11	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	11	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	11	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	11	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	11	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	11	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
8	11	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	11	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
8	11	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	11	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	11	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
8	11	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015
8	11	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
8	11	14	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015
8	11	15	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015
8	11	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
8	11	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
8	11	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	11	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	11	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	11	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013
8	11	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
8	11	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	11	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	12	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	12	2	0.00009	0.00010	0.00007	0.00009	0.00009	0.00009	0.00009	0.00010	0.00007	0.00009	0.00009	0.00009
8	12	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	12	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010
8	12	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
8	12	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
8	12	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	12	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
8	12	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
8	12	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	12	11	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014
8	12	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015
8	12	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
8	12	14	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015
8	12	15	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015
8	12	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
8	12	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
8	12	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	12	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	12	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	12	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	12	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
8	12	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	12	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	13	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	13	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	13	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	13	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	13	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	13	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	13	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	13	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	13	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	13	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	13	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
8	13	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	13	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	13	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015

8	13	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	13	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
8	13	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	13	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	13	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	13	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	13	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	13	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	13	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	13	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	14	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	14	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	14	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	14	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	14	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	14	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	14	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	14	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	14	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	14	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	14	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	14	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	14	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	14	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	14	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	14	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	14	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	14	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	14	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	14	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	14	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	14	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	14	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	14	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	15	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	15	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	15	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	15	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	15	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	15	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	15	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	15	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	15	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	15	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	15	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	15	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	15	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	15	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	15	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	15	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	15	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	15	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	15	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	15	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	15	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013
8	15	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	15	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	15	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010
8	16	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	16	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	16	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	16	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010

8	16	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	16	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	16	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	16	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	16	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	16	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	16	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	16	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	16	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	16	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	16	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	16	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	16	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	16	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	16	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	16	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	16	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	16	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	16	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	16	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	17	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	17	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	17	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	17	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	17	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	17	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	17	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	17	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	17	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	17	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	17	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	17	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	17	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	17	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	17	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	17	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	17	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	17	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
8	17	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	17	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	17	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	17	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	17	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	17	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	18	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	18	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	18	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	18	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	18	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	18	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
8	18	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
8	18	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
8	18	9	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	18	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	18	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	18	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015	0.00015	0.00005	0.00010	0.00015	0.00007	0.00015
8	18	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
8	18	14	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015	0.00016	0.00009	0.00011	0.00016	0.00006	0.00015
8	18	15	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015	0.00016	0.00010	0.00012	0.00016	0.00006	0.00015
8	18	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
8	18	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
8	18	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014

8	18	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	18	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	18	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	18	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	18	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	18	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	19	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	19	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	19	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	19	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010
8	19	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
8	19	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
8	19	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	19	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
8	19	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
8	19	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	19	11	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014	0.00013	0.00004	0.00011	0.00013	0.00007	0.00014
8	19	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015
8	19	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
8	19	14	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015
8	19	15	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015
8	19	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
8	19	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
8	19	18	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014	0.00015	0.00021	0.00019	0.00015	0.00007	0.00014
8	19	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	19	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	19	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	19	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	19	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	19	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	20	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	20	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	20	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	20	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	20	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	20	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	20	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	20	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	20	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	20	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	20	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	20	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	20	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	20	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	20	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	20	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	20	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	20	18	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014
8	20	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
8	20	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	20	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013
8	20	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	20	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	20	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	21	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	21	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	21	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	21	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	21	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	21	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	21	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	21	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013

8	21	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	21	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	21	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	21	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	21	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
8	21	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	21	15	0.00019	0.00010	0.00012	0.00019	0.00006	0.00015	0.00019	0.00010	0.00012	0.00019	0.00006	0.00015
8	21	16	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015
8	21	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	21	18	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014
8	21	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
8	21	20	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013
8	21	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013
8	21	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	21	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	21	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	22	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	22	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	22	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	22	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	22	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	22	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
8	22	7	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012
8	22	8	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013
8	22	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	22	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	22	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	22	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	22	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	22	14	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015	0.00018	0.00009	0.00011	0.00018	0.00006	0.00015
8	22	15	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015	0.00018	0.00010	0.00012	0.00018	0.00006	0.00015
8	22	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	22	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
8	22	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	22	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
8	22	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	22	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	22	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	22	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	22	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	23	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	23	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	23	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	23	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	23	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	23	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
8	23	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	23	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	23	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	23	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	23	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	23	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	23	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	23	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	23	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	23	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	23	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	23	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
8	23	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	23	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	23	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	23	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011

8	23	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	23	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	24	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	24	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	24	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	24	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	24	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	24	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	24	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	24	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	24	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	24	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	24	11	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014	0.00015	0.00004	0.00011	0.00015	0.00007	0.00014
8	24	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	24	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
8	24	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	24	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	24	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
8	24	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	24	18	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014	0.00016	0.00021	0.00019	0.00016	0.00007	0.00014
8	24	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
8	24	20	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013	0.00015	0.00025	0.00020	0.00015	0.00008	0.00013
8	24	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	24	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	24	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	24	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	25	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	25	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	25	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	25	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	25	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	25	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
8	25	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	25	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
8	25	9	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	25	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
8	25	11	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014	0.00014	0.00004	0.00011	0.00014	0.00007	0.00014
8	25	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015	0.00014	0.00005	0.00010	0.00014	0.00007	0.00015
8	25	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
8	25	14	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015	0.00015	0.00009	0.00011	0.00015	0.00006	0.00015
8	25	15	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015	0.00015	0.00010	0.00012	0.00015	0.00006	0.00015
8	25	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
8	25	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
8	25	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	25	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	25	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	25	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013	0.00014	0.00025	0.00018	0.00014	0.00008	0.00013
8	25	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
8	25	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	25	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	26	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	26	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	26	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	26	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010	0.00009	0.00005	0.00003	0.00009	0.00009	0.00010
8	26	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
8	26	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
8	26	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
8	26	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
8	26	9	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
8	26	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
8	26	11	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014	0.00012	0.00004	0.00011	0.00012	0.00007	0.00014
8	26	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015	0.00013	0.00005	0.00010	0.00013	0.00007	0.00015

8	26	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
8	26	14	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015	0.00014	0.00009	0.00011	0.00014	0.00006	0.00015
8	26	15	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015	0.00014	0.00010	0.00012	0.00014	0.00006	0.00015
8	26	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
8	26	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
8	26	18	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014	0.00014	0.00021	0.00019	0.00014	0.00007	0.00014
8	26	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
8	26	20	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013	0.00014	0.00025	0.00020	0.00014	0.00008	0.00013
8	26	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013	0.00013	0.00025	0.00018	0.00013	0.00008	0.00013
8	26	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
8	26	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
8	26	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010	0.00010	0.00018	0.00012	0.00010	0.00008	0.00010
8	27	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
8	27	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	27	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
8	27	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	27	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
8	27	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
8	27	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	27	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
8	27	9	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
8	27	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	27	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	27	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015	0.00016	0.00005	0.00010	0.00016	0.00007	0.00015
8	27	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
8	27	14	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015	0.00017	0.00009	0.00011	0.00017	0.00006	0.00015
8	27	15	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015	0.00017	0.00010	0.00012	0.00017	0.00006	0.00015
8	27	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
8	27	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
8	27	18	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014	0.00017	0.00021	0.00019	0.00017	0.00007	0.00014
8	27	19	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014	0.00016	0.00025	0.00021	0.00016	0.00008	0.00014
8	27	20	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013	0.00016	0.00025	0.00020	0.00016	0.00008	0.00013
8	27	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013	0.00015	0.00025	0.00018	0.00015	0.00008	0.00013
8	27	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	27	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
8	27	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010	0.00011	0.00018	0.00012	0.00011	0.00008	0.00010
8	28	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	28	2	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009	0.00010	0.00010	0.00007	0.00010	0.00009	0.00009
8	28	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	28	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	28	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	28	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
8	28	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
8	28	8	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013
8	28	9	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	28	10	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
8	28	11	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014	0.00016	0.00004	0.00011	0.00016	0.00007	0.00014
8	28	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015	0.00017	0.00005	0.00010	0.00017	0.00007	0.00015
8	28	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
8	28	14	0.00019	0.00009	0.00011	0.00019	0.00006	0.00015	0.00019	0.00009	0.00011	0.00019	0.00006	0.00015
8	28	15	0.00019	0.00010	0.00012	0.00019	0.00006	0.00015	0.00019	0.00010	0.00012	0.00019	0.00006	0.00015
8	28	16	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015	0.00019	0.00013	0.00014	0.00019	0.00007	0.00015
8	28	17	0.00019	0.00017	0.00016	0.00019	0.00007	0.00014	0.00019	0.00017	0.00016	0.00019	0.00007	0.00014
8	28	18	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014
8	28	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
8	28	20	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013	0.00017	0.00025	0.00020	0.00017	0.00008	0.00013
8	28	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013	0.00016	0.00025	0.00018	0.00016	0.00008	0.00013
8	28	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
8	28	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
8	28	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010	0.00012	0.00018	0.00012	0.00012	0.00008	0.00010
8	29	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
8	29	2	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009

8	29	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
8	29	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010	0.00010	0.00005	0.00003	0.00010	0.00009	0.00010
8	29	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
8	29	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
8	29	7	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012
8	29	8	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013
8	29	9	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
8	29	10	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
8	29	11	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014	0.00017	0.00004	0.00011	0.00017	0.00007	0.00014
8	29	12	0.00018	0.00005	0.00010	0.00018	0.00007	0.00015	0.00018	0.00005	0.00010	0.00018	0.00007	0.00015
8	29	13	0.00019	0.00007	0.00010	0.00019	0.00007	0.00015	0.00019	0.00007	0.00010	0.00019	0.00007	0.00015
8	29	14	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015
8	29	15	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015
8	29	16	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015
8	29	17	0.00020	0.00017	0.00016	0.00020	0.00007	0.00014	0.00020	0.00017	0.00016	0.00020	0.00007	0.00014
8	29	18	0.00019	0.00021	0.00019	0.00019	0.00007	0.00014	0.00019	0.00021	0.00019	0.00019	0.00007	0.00014
8	29	19	0.00019	0.00025	0.00021	0.00019	0.00008	0.00014	0.00019	0.00025	0.00021	0.00019	0.00008	0.00014
8	29	20	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013
8	29	21	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013
8	29	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
8	29	23	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010
8	29	24	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010
8	30	1	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009
8	30	2	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009
8	30	3	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009
8	30	4	0.00011	0.00005	0.00003	0.00011	0.00009	0.00010	0.00011	0.00005	0.00003	0.00011	0.00009	0.00010
8	30	5	0.00012	0.00003	0.00002	0.00012	0.00009	0.00010	0.00012	0.00003	0.00002	0.00012	0.00009	0.00010
8	30	6	0.00013	0.00002	0.00002	0.00013	0.00009	0.00011	0.00013	0.00002	0.00002	0.00013	0.00009	0.00011
8	30	7	0.00014	0.00001	0.00004	0.00014	0.00009	0.00012	0.00014	0.00001	0.00004	0.00014	0.00009	0.00012
8	30	8	0.00015	0.00001	0.00009	0.00015	0.00009	0.00013	0.00015	0.00001	0.00009	0.00015	0.00009	0.00013
8	30	9	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
8	30	10	0.00017	0.00003	0.00014	0.00017	0.00008	0.00014	0.00017	0.00003	0.00014	0.00017	0.00008	0.00014
8	30	11	0.00018	0.00004	0.00011	0.00018	0.00007	0.00014	0.00018	0.00004	0.00011	0.00018	0.00007	0.00014
8	30	12	0.00019	0.00005	0.00010	0.00019	0.00007	0.00015	0.00019	0.00005	0.00010	0.00019	0.00007	0.00015
8	30	13	0.00019	0.00007	0.00010	0.00019	0.00007	0.00015	0.00019	0.00007	0.00010	0.00019	0.00007	0.00015
8	30	14	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015
8	30	15	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015
8	30	16	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015
8	30	17	0.00019	0.00017	0.00016	0.00019	0.00007	0.00014	0.00019	0.00017	0.00016	0.00019	0.00007	0.00014
8	30	18	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014	0.00018	0.00021	0.00019	0.00018	0.00007	0.00014
8	30	19	0.00018	0.00025	0.00021	0.00018	0.00008	0.00014	0.00018	0.00025	0.00021	0.00018	0.00008	0.00014
8	30	20	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013
8	30	21	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013
8	30	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
8	30	23	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010
8	30	24	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010
8	31	1	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009
8	31	2	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009	0.00011	0.00010	0.00007	0.00011	0.00009	0.00009
8	31	3	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009
8	31	4	0.00011	0.00005	0.00003	0.00011	0.00009	0.00010	0.00011	0.00005	0.00003	0.00011	0.00009	0.00010
8	31	5	0.00012	0.00003	0.00002	0.00012	0.00009	0.00010	0.00012	0.00003	0.00002	0.00012	0.00009	0.00010
8	31	6	0.00013	0.00002	0.00002	0.00013	0.00009	0.00011	0.00013	0.00002	0.00002	0.00013	0.00009	0.00011
8	31	7	0.00014	0.00001	0.00004	0.00014	0.00009	0.00012	0.00014	0.00001	0.00004	0.00014	0.00009	0.00012
8	31	8	0.00015	0.00001	0.00009	0.00015	0.00009	0.00013	0.00015	0.00001	0.00009	0.00015	0.00009	0.00013
8	31	9	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
8	31	10	0.00017	0.00003	0.00014	0.00017	0.00008	0.00014	0.00017	0.00003	0.00014	0.00017	0.00008	0.00014
8	31	11	0.00018	0.00004	0.00011	0.00018	0.00007	0.00014	0.00018	0.00004	0.00011	0.00018	0.00007	0.00014
8	31	12	0.00019	0.00005	0.00010	0.00019	0.00007	0.00015	0.00019	0.00005	0.00010	0.00019	0.00007	0.00015
8	31	13	0.00020	0.00007	0.00010	0.00020	0.00007	0.00015	0.00020	0.00007	0.00010	0.00020	0.00007	0.00015
8	31	14	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015	0.00020	0.00009	0.00011	0.00020	0.00006	0.00015
8	31	15	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015	0.00020	0.00010	0.00012	0.00020	0.00006	0.00015
8	31	16	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015	0.00020	0.00013	0.00014	0.00020	0.00007	0.00015

8	31	17	0.00020	0.00017	0.00016	0.00020	0.00007	0.00014	0.00020	0.00017	0.00016	0.00020	0.00007	0.00014
8	31	18	0.00019	0.00021	0.00019	0.00019	0.00007	0.00014	0.00019	0.00021	0.00019	0.00019	0.00007	0.00014
8	31	19	0.00018	0.00025	0.00021	0.00018	0.00008	0.00014	0.00018	0.00025	0.00021	0.00018	0.00008	0.00014
8	31	20	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013	0.00018	0.00025	0.00020	0.00018	0.00008	0.00013
8	31	21	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013	0.00017	0.00025	0.00018	0.00017	0.00008	0.00013
8	31	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
8	31	23	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010	0.00014	0.00022	0.00015	0.00014	0.00008	0.00010
8	31	24	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010	0.00013	0.00018	0.00012	0.00013	0.00008	0.00010
9	1	1	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009	0.00012	0.00014	0.00009	0.00012	0.00008	0.00009
9	1	2	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009
9	1	3	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009	0.00011	0.00007	0.00005	0.00011	0.00009	0.00009
9	1	4	0.00011	0.00005	0.00003	0.00011	0.00009	0.00009	0.00011	0.00005	0.00003	0.00011	0.00009	0.00009
9	1	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
9	1	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	1	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	1	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	1	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014
9	1	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
9	1	11	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014
9	1	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014
9	1	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
9	1	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
9	1	15	0.00019	0.00010	0.00012	0.00019	0.00007	0.00015	0.00019	0.00010	0.00012	0.00019	0.00007	0.00015
9	1	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
9	1	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
9	1	18	0.00018	0.00022	0.00019	0.00018	0.00008	0.00014	0.00018	0.00022	0.00019	0.00018	0.00008	0.00014
9	1	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
9	1	20	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013
9	1	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012
9	1	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
9	1	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
9	1	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
9	2	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
9	2	2	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009
9	2	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	2	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	2	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	2	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
9	2	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	2	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	2	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	2	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	2	11	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014
9	2	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014
9	2	13	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015	0.00017	0.00007	0.00010	0.00017	0.00007	0.00015
9	2	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
9	2	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
9	2	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
9	2	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
9	2	18	0.00017	0.00022	0.00019	0.00017	0.00008	0.00014	0.00017	0.00022	0.00019	0.00017	0.00008	0.00014
9	2	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
9	2	20	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013
9	2	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012
9	2	22	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011	0.00015	0.00023	0.00017	0.00015	0.00008	0.00011
9	2	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
9	2	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
9	3	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
9	3	2	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009	0.00011	0.00010	0.00006	0.00011	0.00009	0.00009
9	3	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	3	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	3	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	3	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011

9	3	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	3	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	3	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014
9	3	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
9	3	11	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014
9	3	12	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014	0.00017	0.00005	0.00010	0.00017	0.00007	0.00014
9	3	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
9	3	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
9	3	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
9	3	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
9	3	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
9	3	18	0.00018	0.00022	0.00019	0.00018	0.00008	0.00014	0.00018	0.00022	0.00019	0.00018	0.00008	0.00014
9	3	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
9	3	20	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013	0.00017	0.00026	0.00020	0.00017	0.00008	0.00013
9	3	21	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012	0.00016	0.00025	0.00018	0.00016	0.00008	0.00012
9	3	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
9	3	23	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010	0.00013	0.00022	0.00015	0.00013	0.00008	0.00010
9	3	24	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009	0.00012	0.00018	0.00012	0.00012	0.00008	0.00009
9	4	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
9	4	2	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009
9	4	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	4	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	4	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
9	4	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
9	4	7	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012
9	4	8	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013	0.00014	0.00001	0.00009	0.00014	0.00009	0.00013
9	4	9	0.00016	0.00003	0.00014	0.00016	0.00009	0.00014	0.00016	0.00003	0.00014	0.00016	0.00009	0.00014
9	4	10	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014	0.00016	0.00003	0.00014	0.00016	0.00008	0.00014
9	4	11	0.00017	0.00004	0.00011	0.00017	0.00008	0.00014	0.00017	0.00004	0.00011	0.00017	0.00008	0.00014
9	4	12	0.00018	0.00005	0.00010	0.00018	0.00007	0.00014	0.00018	0.00005	0.00010	0.00018	0.00007	0.00014
9	4	13	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015	0.00018	0.00007	0.00010	0.00018	0.00007	0.00015
9	4	14	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015	0.00018	0.00009	0.00011	0.00018	0.00007	0.00015
9	4	15	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015	0.00018	0.00010	0.00012	0.00018	0.00007	0.00015
9	4	16	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015	0.00018	0.00013	0.00014	0.00018	0.00007	0.00015
9	4	17	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014	0.00018	0.00017	0.00016	0.00018	0.00007	0.00014
9	4	18	0.00017	0.00022	0.00019	0.00017	0.00008	0.00014	0.00017	0.00022	0.00019	0.00017	0.00008	0.00014
9	4	19	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014	0.00017	0.00025	0.00021	0.00017	0.00008	0.00014
9	4	20	0.00016	0.00026	0.00020	0.00016	0.00008	0.00013	0.00016	0.00026	0.00020	0.00016	0.00008	0.00013
9	4	21	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012	0.00015	0.00025	0.00018	0.00015	0.00008	0.00012
9	4	22	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011	0.00014	0.00023	0.00017	0.00014	0.00008	0.00011
9	4	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
9	4	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
9	5	1	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009	0.00011	0.00014	0.00009	0.00011	0.00008	0.00009
9	5	2	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009
9	5	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	5	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	5	5	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010	0.00011	0.00003	0.00002	0.00011	0.00009	0.00010
9	5	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
9	5	7	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012	0.00013	0.00001	0.00004	0.00013	0.00009	0.00012
9	5	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	5	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014
9	5	10	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014	0.00015	0.00003	0.00014	0.00015	0.00008	0.00014
9	5	11	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014	0.00016	0.00004	0.00011	0.00016	0.00008	0.00014
9	5	12	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014	0.00016	0.00005	0.00010	0.00016	0.00007	0.00014
9	5	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
9	5	14	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015	0.00017	0.00009	0.00011	0.00017	0.00007	0.00015
9	5	15	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015	0.00017	0.00010	0.00012	0.00017	0.00007	0.00015
9	5	16	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015	0.00017	0.00013	0.00014	0.00017	0.00007	0.00015
9	5	17	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014	0.00017	0.00017	0.00016	0.00017	0.00007	0.00014
9	5	18	0.00016	0.00022	0.00019	0.00016	0.00008	0.00014	0.00016	0.00022	0.00019	0.00016	0.00008	0.00014
9	5	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
9	5	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013

9	5	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
9	5	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
9	5	23	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010	0.00012	0.00022	0.00015	0.00012	0.00008	0.00010
9	5	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
9	6	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	6	2	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009
9	6	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	6	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	6	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	6	6	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011	0.00012	0.00002	0.00002	0.00012	0.00009	0.00011
9	6	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	6	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	6	9	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014	0.00014	0.00003	0.00014	0.00014	0.00009	0.00014
9	6	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	6	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
9	6	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
9	6	13	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015	0.00016	0.00007	0.00010	0.00016	0.00007	0.00015
9	6	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
9	6	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
9	6	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
9	6	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
9	6	18	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014
9	6	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
9	6	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
9	6	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
9	6	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
9	6	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	6	24	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009	0.00011	0.00018	0.00012	0.00011	0.00008	0.00009
9	7	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	7	2	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009
9	7	3	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009	0.00010	0.00007	0.00005	0.00010	0.00009	0.00009
9	7	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	7	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	7	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	7	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	7	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	7	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	7	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	7	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	7	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
9	7	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
9	7	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
9	7	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
9	7	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
9	7	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
9	7	18	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014
9	7	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	7	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	7	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	7	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	7	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	7	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	8	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	8	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	8	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	8	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	8	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	8	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
9	8	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
9	8	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
9	8	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	8	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014

9	8	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	8	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	8	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	8	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	8	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	8	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	8	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
9	8	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	8	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	8	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	8	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	8	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	8	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	8	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	9	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	9	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	9	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	9	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	9	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	9	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	9	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
9	9	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
9	9	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014
9	9	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
9	9	11	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014
9	9	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
9	9	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	9	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015
9	9	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015
9	9	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015
9	9	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	9	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	9	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	9	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	9	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	9	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	9	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	9	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	10	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	10	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	10	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	10	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	10	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	10	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	10	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	10	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	10	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	10	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	10	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	10	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
9	10	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
9	10	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
9	10	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
9	10	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
9	10	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
9	10	18	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014
9	10	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
9	10	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
9	10	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
9	10	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	10	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	10	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009

9	11	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	11	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	11	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	11	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	11	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	11	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	11	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	11	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	11	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	11	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	11	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
9	11	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
9	11	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
9	11	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
9	11	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
9	11	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
9	11	17	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014	0.00016	0.00017	0.00016	0.00016	0.00007	0.00014
9	11	18	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014
9	11	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
9	11	20	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013	0.00015	0.00026	0.00020	0.00015	0.00008	0.00013
9	11	21	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012	0.00014	0.00025	0.00018	0.00014	0.00008	0.00012
9	11	22	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011	0.00013	0.00023	0.00017	0.00013	0.00008	0.00011
9	11	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	11	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	12	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	12	2	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009	0.00010	0.00010	0.00006	0.00010	0.00009	0.00009
9	12	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	12	4	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009	0.00010	0.00005	0.00003	0.00010	0.00009	0.00009
9	12	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	12	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	12	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	12	8	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013	0.00013	0.00001	0.00009	0.00013	0.00009	0.00013
9	12	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	12	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	12	11	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014	0.00015	0.00004	0.00011	0.00015	0.00008	0.00014
9	12	12	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014	0.00015	0.00005	0.00010	0.00015	0.00007	0.00014
9	12	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
9	12	14	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015	0.00016	0.00009	0.00011	0.00016	0.00007	0.00015
9	12	15	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015	0.00016	0.00010	0.00012	0.00016	0.00007	0.00015
9	12	16	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015	0.00016	0.00013	0.00014	0.00016	0.00007	0.00015
9	12	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
9	12	18	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014	0.00015	0.00022	0.00019	0.00015	0.00008	0.00014
9	12	19	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014	0.00015	0.00025	0.00021	0.00015	0.00008	0.00014
9	12	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	12	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	12	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	12	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	12	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	13	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	13	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	13	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	13	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	13	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	13	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	13	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	13	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	13	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	13	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	13	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	13	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
9	13	13	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015	0.00015	0.00007	0.00010	0.00015	0.00007	0.00015
9	13	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015

9	13	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
9	13	16	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015	0.00015	0.00013	0.00014	0.00015	0.00007	0.00015
9	13	17	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014	0.00015	0.00017	0.00016	0.00015	0.00007	0.00014
9	13	18	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014
9	13	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	13	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	13	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	13	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	13	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	13	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	14	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	14	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	14	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	14	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	14	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	14	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	14	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	14	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	14	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	14	10	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014	0.00014	0.00003	0.00014	0.00014	0.00008	0.00014
9	14	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	14	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
9	14	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	14	14	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015	0.00015	0.00009	0.00011	0.00015	0.00007	0.00015
9	14	15	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015	0.00015	0.00010	0.00012	0.00015	0.00007	0.00015
9	14	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	14	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
9	14	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	14	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	14	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	14	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	14	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	14	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	14	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	15	1	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009	0.00010	0.00014	0.00009	0.00010	0.00008	0.00009
9	15	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	15	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	15	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	15	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	15	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	15	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
9	15	8	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013	0.00011	0.00001	0.00009	0.00011	0.00009	0.00013
9	15	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014
9	15	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
9	15	11	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014	0.00012	0.00004	0.00011	0.00012	0.00008	0.00014
9	15	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
9	15	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	15	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015
9	15	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015
9	15	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015
9	15	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	15	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	15	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	15	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	15	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	15	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	15	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	15	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	16	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	16	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	16	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	16	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009

9	16	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	16	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	16	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
9	16	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
9	16	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014
9	16	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
9	16	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
9	16	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
9	16	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015
9	16	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015
9	16	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015
9	16	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015
9	16	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014
9	16	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	16	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014
9	16	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	16	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	16	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	16	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	16	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	17	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	17	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	17	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	17	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	17	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	17	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	17	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	17	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	17	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	17	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	17	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	17	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	17	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	17	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	17	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	17	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	17	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	17	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	17	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	17	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	17	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	17	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	17	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	17	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	18	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	18	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	18	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	18	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	18	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	18	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	18	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	18	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	18	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	18	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	18	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	18	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	18	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	18	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	18	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	18	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	18	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	18	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014

9	18	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	18	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	18	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	18	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	18	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	18	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	19	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	19	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	19	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	19	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	19	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	19	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	19	7	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012	0.00012	0.00001	0.00004	0.00012	0.00009	0.00012
9	19	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	19	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	19	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	19	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	19	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	19	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	19	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015
9	19	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015
9	19	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015
9	19	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014
9	19	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	19	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	19	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	19	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	19	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	19	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	19	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	20	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	20	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	20	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	20	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	20	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	20	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	20	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	20	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	20	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	20	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
9	20	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	20	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
9	20	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015
9	20	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015
9	20	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015
9	20	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015
9	20	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014
9	20	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	20	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	20	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	20	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	20	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	20	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	20	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	21	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	21	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	21	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	21	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	21	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	21	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	21	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	21	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013

9	21	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	21	10	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014	0.00012	0.00003	0.00014	0.00012	0.00008	0.00014
9	21	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	21	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	21	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	21	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015
9	21	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015
9	21	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015
9	21	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014
9	21	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	21	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	21	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
9	21	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	21	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	21	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	21	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	22	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	22	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	22	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	22	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	22	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	22	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	22	7	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012	0.00010	0.00001	0.00004	0.00010	0.00009	0.00012
9	22	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
9	22	9	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014	0.00011	0.00003	0.00014	0.00011	0.00009	0.00014
9	22	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
9	22	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
9	22	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
9	22	13	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015
9	22	14	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015
9	22	15	0.00010	0.00010	0.00012	0.00010	0.00007	0.00015	0.00010	0.00010	0.00012	0.00010	0.00007	0.00015
9	22	16	0.00010	0.00013	0.00014	0.00010	0.00007	0.00015	0.00010	0.00013	0.00014	0.00010	0.00007	0.00015
9	22	17	0.00010	0.00017	0.00016	0.00010	0.00007	0.00014	0.00010	0.00017	0.00016	0.00010	0.00007	0.00014
9	22	18	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014
9	22	19	0.00011	0.00025	0.00021	0.00011	0.00008	0.00014	0.00011	0.00025	0.00021	0.00011	0.00008	0.00014
9	22	20	0.00011	0.00026	0.00020	0.00011	0.00008	0.00013	0.00011	0.00026	0.00020	0.00011	0.00008	0.00013
9	22	21	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012
9	22	22	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011
9	22	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	22	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	23	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	23	2	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009
9	23	3	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009
9	23	4	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009
9	23	5	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010
9	23	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	23	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
9	23	8	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013
9	23	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014
9	23	10	0.00010	0.00003	0.00014	0.00010	0.00008	0.00014	0.00010	0.00003	0.00014	0.00010	0.00008	0.00014
9	23	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
9	23	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
9	23	13	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015
9	23	14	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015
9	23	15	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015
9	23	16	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015
9	23	17	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014
9	23	18	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014
9	23	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014
9	23	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
9	23	21	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012
9	23	22	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011

9	23	23	0.00009	0.00022	0.00015	0.00009	0.00008	0.00010	0.00009	0.00022	0.00015	0.00009	0.00008	0.00010
9	23	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	24	1	0.00008	0.00014	0.00009	0.00008	0.00008	0.00009	0.00008	0.00014	0.00009	0.00008	0.00008	0.00009
9	24	2	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009
9	24	3	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009
9	24	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	24	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	24	6	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011	0.00010	0.00002	0.00002	0.00010	0.00009	0.00011
9	24	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	24	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	24	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	24	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	24	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	24	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	24	13	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015	0.00013	0.00007	0.00010	0.00013	0.00007	0.00015
9	24	14	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015	0.00013	0.00009	0.00011	0.00013	0.00007	0.00015
9	24	15	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015	0.00013	0.00010	0.00012	0.00013	0.00007	0.00015
9	24	16	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015	0.00013	0.00013	0.00014	0.00013	0.00007	0.00015
9	24	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	24	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	24	19	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014	0.00013	0.00025	0.00021	0.00013	0.00008	0.00014
9	24	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	24	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	24	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	24	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	24	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	25	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	25	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	25	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	25	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	25	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	25	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	25	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	25	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	25	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	25	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	25	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	25	12	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014	0.00013	0.00005	0.00010	0.00013	0.00007	0.00014
9	25	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	25	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	25	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	25	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	25	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	25	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	25	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	25	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	25	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	25	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	25	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	25	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	26	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	26	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	26	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	26	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	26	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	26	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	26	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	26	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	26	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	26	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	26	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	26	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014

9	26	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	26	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	26	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	26	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	26	17	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014	0.00014	0.00017	0.00016	0.00014	0.00007	0.00014
9	26	18	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014	0.00014	0.00022	0.00019	0.00014	0.00008	0.00014
9	26	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	26	20	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013	0.00014	0.00026	0.00020	0.00014	0.00008	0.00013
9	26	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	26	22	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011	0.00012	0.00023	0.00017	0.00012	0.00008	0.00011
9	26	23	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010	0.00011	0.00022	0.00015	0.00011	0.00008	0.00010
9	26	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	27	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	27	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	27	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	27	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	27	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	27	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	27	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	27	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	27	9	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014	0.00013	0.00003	0.00014	0.00013	0.00009	0.00014
9	27	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	27	11	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014	0.00014	0.00004	0.00011	0.00014	0.00008	0.00014
9	27	12	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014	0.00014	0.00005	0.00010	0.00014	0.00007	0.00014
9	27	13	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015	0.00014	0.00007	0.00010	0.00014	0.00007	0.00015
9	27	14	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015	0.00014	0.00009	0.00011	0.00014	0.00007	0.00015
9	27	15	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015	0.00014	0.00010	0.00012	0.00014	0.00007	0.00015
9	27	16	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015	0.00014	0.00013	0.00014	0.00014	0.00007	0.00015
9	27	17	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014	0.00013	0.00017	0.00016	0.00013	0.00007	0.00014
9	27	18	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014	0.00013	0.00022	0.00019	0.00013	0.00008	0.00014
9	27	19	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014	0.00014	0.00025	0.00021	0.00014	0.00008	0.00014
9	27	20	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013	0.00013	0.00026	0.00020	0.00013	0.00008	0.00013
9	27	21	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012	0.00013	0.00025	0.00018	0.00013	0.00008	0.00012
9	27	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	27	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	27	24	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009	0.00010	0.00018	0.00012	0.00010	0.00008	0.00009
9	28	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	28	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009
9	28	3	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009	0.00009	0.00007	0.00005	0.00009	0.00009	0.00009
9	28	4	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009	0.00009	0.00005	0.00003	0.00009	0.00009	0.00009
9	28	5	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010	0.00010	0.00003	0.00002	0.00010	0.00009	0.00010
9	28	6	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011	0.00011	0.00002	0.00002	0.00011	0.00009	0.00011
9	28	7	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012	0.00011	0.00001	0.00004	0.00011	0.00009	0.00012
9	28	8	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013	0.00012	0.00001	0.00009	0.00012	0.00009	0.00013
9	28	9	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014	0.00012	0.00003	0.00014	0.00012	0.00009	0.00014
9	28	10	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014	0.00013	0.00003	0.00014	0.00013	0.00008	0.00014
9	28	11	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014	0.00013	0.00004	0.00011	0.00013	0.00008	0.00014
9	28	12	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014	0.00012	0.00005	0.00010	0.00012	0.00007	0.00014
9	28	13	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015	0.00012	0.00007	0.00010	0.00012	0.00007	0.00015
9	28	14	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015	0.00012	0.00009	0.00011	0.00012	0.00007	0.00015
9	28	15	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015	0.00012	0.00010	0.00012	0.00012	0.00007	0.00015
9	28	16	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015	0.00012	0.00013	0.00014	0.00012	0.00007	0.00015
9	28	17	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014	0.00012	0.00017	0.00016	0.00012	0.00007	0.00014
9	28	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	28	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014
9	28	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
9	28	21	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012	0.00012	0.00025	0.00018	0.00012	0.00008	0.00012
9	28	22	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011	0.00011	0.00023	0.00017	0.00011	0.00008	0.00011
9	28	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	28	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	29	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	29	2	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009	0.00009	0.00010	0.00006	0.00009	0.00009	0.00009

9	29	3	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009
9	29	4	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009
9	29	5	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010	0.00009	0.00003	0.00002	0.00009	0.00009	0.00010
9	29	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	29	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
9	29	8	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013	0.00010	0.00001	0.00009	0.00010	0.00009	0.00013
9	29	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014
9	29	10	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014	0.00011	0.00003	0.00014	0.00011	0.00008	0.00014
9	29	11	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014	0.00011	0.00004	0.00011	0.00011	0.00008	0.00014
9	29	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
9	29	13	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015
9	29	14	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015
9	29	15	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015
9	29	16	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015
9	29	17	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014
9	29	18	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014	0.00011	0.00022	0.00019	0.00011	0.00008	0.00014
9	29	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014
9	29	20	0.00011	0.00026	0.00020	0.00011	0.00008	0.00013	0.00011	0.00026	0.00020	0.00011	0.00008	0.00013
9	29	21	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012
9	29	22	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011
9	29	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	29	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
9	30	1	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009	0.00009	0.00014	0.00009	0.00009	0.00008	0.00009
9	30	2	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009	0.00008	0.00010	0.00006	0.00008	0.00009	0.00009
9	30	3	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009	0.00008	0.00007	0.00005	0.00008	0.00009	0.00009
9	30	4	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009	0.00008	0.00005	0.00003	0.00008	0.00009	0.00009
9	30	5	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010	0.00008	0.00003	0.00002	0.00008	0.00009	0.00010
9	30	6	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011	0.00009	0.00002	0.00002	0.00009	0.00009	0.00011
9	30	7	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012	0.00009	0.00001	0.00004	0.00009	0.00009	0.00012
9	30	8	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013	0.00009	0.00001	0.00009	0.00009	0.00009	0.00013
9	30	9	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014	0.00010	0.00003	0.00014	0.00010	0.00009	0.00014
9	30	10	0.00010	0.00003	0.00014	0.00010	0.00008	0.00014	0.00010	0.00003	0.00014	0.00010	0.00008	0.00014
9	30	11	0.00010	0.00004	0.00011	0.00010	0.00008	0.00014	0.00010	0.00004	0.00011	0.00010	0.00008	0.00014
9	30	12	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014	0.00011	0.00005	0.00010	0.00011	0.00007	0.00014
9	30	13	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015	0.00011	0.00007	0.00010	0.00011	0.00007	0.00015
9	30	14	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015	0.00011	0.00009	0.00011	0.00011	0.00007	0.00015
9	30	15	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015	0.00011	0.00010	0.00012	0.00011	0.00007	0.00015
9	30	16	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015	0.00011	0.00013	0.00014	0.00011	0.00007	0.00015
9	30	17	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014	0.00011	0.00017	0.00016	0.00011	0.00007	0.00014
9	30	18	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014	0.00012	0.00022	0.00019	0.00012	0.00008	0.00014
9	30	19	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014	0.00012	0.00025	0.00021	0.00012	0.00008	0.00014
9	30	20	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013	0.00012	0.00026	0.00020	0.00012	0.00008	0.00013
9	30	21	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012	0.00011	0.00025	0.00018	0.00011	0.00008	0.00012
9	30	22	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011	0.00010	0.00023	0.00017	0.00010	0.00008	0.00011
9	30	23	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010	0.00010	0.00022	0.00015	0.00010	0.00008	0.00010
9	30	24	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009	0.00009	0.00018	0.00012	0.00009	0.00008	0.00009
10	1	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	1	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	1	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	1	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	1	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	1	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	1	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	1	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	1	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	1	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
10	1	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	1	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	1	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	1	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	1	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	1	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013

10	1	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	1	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	1	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	1	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	1	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	1	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	1	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	1	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	2	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	2	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	2	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	2	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	2	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	2	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	2	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	2	8	0.00012	0.00002	0.00008	0.00012	0.00013	0.00012	0.00012	0.00002	0.00008	0.00012	0.00013	0.00012
10	2	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	2	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
10	2	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	2	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	2	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013
10	2	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013
10	2	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013
10	2	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013
10	2	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	2	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	2	19	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013
10	2	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	2	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	2	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	2	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	2	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
10	3	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	3	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	3	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	3	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	3	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	3	6	0.00011	0.00002	0.00002	0.00011	0.00012	0.00011	0.00011	0.00002	0.00002	0.00011	0.00012	0.00011
10	3	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	3	8	0.00012	0.00002	0.00008	0.00012	0.00013	0.00012	0.00012	0.00002	0.00008	0.00012	0.00013	0.00012
10	3	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	3	10	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013	0.00013	0.00003	0.00013	0.00013	0.00010	0.00013
10	3	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	3	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	3	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013
10	3	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013
10	3	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013
10	3	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013
10	3	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	3	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	3	19	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013
10	3	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	3	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	3	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	3	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	3	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	4	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	4	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	4	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	4	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	4	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	4	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011

10	4	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	4	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	4	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	4	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	4	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	4	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	4	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	4	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	4	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	4	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	4	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	4	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	4	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	4	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	4	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	4	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	4	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	4	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	5	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	5	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	5	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	5	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	5	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	5	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	5	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	5	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	5	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	5	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	5	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	5	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	5	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	5	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	5	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	5	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00013	0.00011	0.00014	0.00014	0.00011	0.00008	0.00013
10	5	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	5	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	5	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	5	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	5	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	5	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	5	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	5	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	6	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	6	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	6	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	6	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	6	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	6	6	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011
10	6	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012
10	6	8	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012
10	6	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
10	6	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	6	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	6	12	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013
10	6	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	6	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	6	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	6	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	6	17	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013
10	6	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	6	19	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013
10	6	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012

10	6	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	6	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	6	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	6	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	7	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	7	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	7	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	7	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	7	5	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010
10	7	6	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011
10	7	7	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012
10	7	8	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012
10	7	9	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013
10	7	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	7	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	7	12	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013
10	7	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	7	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	7	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	7	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	7	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	7	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	7	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	7	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	7	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	7	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	7	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	7	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	8	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	8	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	8	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	8	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	8	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	8	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	8	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	8	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	8	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	8	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	8	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	8	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	8	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	8	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	8	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	8	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013
10	8	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	8	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	8	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	8	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	8	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	8	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	8	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	8	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	9	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	9	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	9	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	9	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	9	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	9	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	9	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	9	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	9	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	9	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013

10	9	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	9	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	9	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	9	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	9	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	9	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	9	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	9	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	9	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	9	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	9	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	9	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	9	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	9	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	10	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	10	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	10	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	10	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	10	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	10	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	10	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	10	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	10	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	10	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	10	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	10	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	10	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	10	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	10	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	10	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	10	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	10	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	10	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	10	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	10	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	10	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	10	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	10	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	11	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	11	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	11	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	11	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	11	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	11	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	11	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	11	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	11	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	11	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	11	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	11	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	11	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	11	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	11	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	11	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	11	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	11	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	11	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	11	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	11	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	11	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	11	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	11	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009

10	12	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	12	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	12	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	12	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	12	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	12	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	12	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	12	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	12	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	12	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	12	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	12	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	12	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	12	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	12	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	12	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	12	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	12	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	12	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	12	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	12	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	12	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	12	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	12	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	13	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	13	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	13	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	13	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	13	5	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010
10	13	6	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011
10	13	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012
10	13	8	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012
10	13	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
10	13	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	13	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	13	12	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013
10	13	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	13	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	13	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	13	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	13	17	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013
10	13	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	13	19	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013
10	13	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012
10	13	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	13	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	13	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	13	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	14	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	14	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	14	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	14	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	14	5	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010
10	14	6	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011
10	14	7	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012
10	14	8	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012
10	14	9	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013
10	14	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	14	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	14	12	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013
10	14	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	14	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013

10	14	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	14	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	14	17	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013
10	14	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	14	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	14	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012
10	14	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	14	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	14	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	14	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	15	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	15	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	15	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	15	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	15	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	15	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	15	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	15	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	15	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	15	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	15	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	15	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	15	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	15	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	15	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	15	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	15	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	15	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	15	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	15	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	15	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	15	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	15	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	15	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	16	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	16	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	16	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	16	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	16	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	16	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	16	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	16	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	16	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	16	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	16	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	16	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	16	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	16	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	16	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	16	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	16	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	16	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	16	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	16	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	16	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	16	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	16	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	16	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	17	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	17	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	17	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	17	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009

10	17	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	17	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	17	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	17	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	17	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	17	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	17	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	17	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	17	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	17	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	17	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	17	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	17	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	17	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	17	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	17	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	17	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	17	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	17	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	17	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	18	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	18	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	18	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	18	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	18	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	18	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	18	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	18	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	18	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	18	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	18	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	18	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	18	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	18	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	18	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	18	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	18	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	18	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	18	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	18	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	18	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	18	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	18	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	18	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	19	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	19	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	19	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	19	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	19	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	19	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	19	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	19	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	19	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	19	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	19	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	19	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	19	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	19	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	19	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	19	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	19	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	19	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013

10	19	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	19	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	19	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	19	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	19	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	19	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	20	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	20	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	20	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	20	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	20	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	20	6	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011
10	20	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012
10	20	8	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012
10	20	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
10	20	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	20	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
10	20	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013
10	20	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00013	0.00011	0.00007	0.00010	0.00011	0.00008	0.00013
10	20	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	20	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	20	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	20	17	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013	0.00010	0.00017	0.00016	0.00010	0.00008	0.00013
10	20	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	20	19	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013
10	20	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012
10	20	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	20	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	20	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	20	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	21	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	21	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	21	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	21	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	21	5	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010
10	21	6	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011
10	21	7	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012	0.00008	0.00001	0.00004	0.00008	0.00013	0.00012
10	21	8	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012
10	21	9	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013	0.00009	0.00003	0.00013	0.00009	0.00011	0.00013
10	21	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	21	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	21	12	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013	0.00010	0.00005	0.00010	0.00010	0.00008	0.00013
10	21	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	21	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	21	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	21	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	21	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	21	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	21	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	21	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012
10	21	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	21	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	21	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	21	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	22	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	22	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	22	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	22	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	22	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	22	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	22	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	22	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012

10	22	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	22	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	22	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	22	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	22	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	22	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	22	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	22	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	22	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	22	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	22	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	22	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	22	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	22	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	22	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	22	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	23	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	23	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	23	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	23	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	23	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	23	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	23	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	23	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	23	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	23	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	23	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	23	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	23	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	23	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	23	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	23	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013
10	23	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	23	18	0.00014	0.00021	0.00019	0.00014	0.00009	0.00013	0.00014	0.00021	0.00019	0.00014	0.00009	0.00013
10	23	19	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013
10	23	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	23	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	23	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	23	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	23	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
10	24	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	24	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	24	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	24	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	24	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	24	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	24	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	24	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	24	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	24	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	24	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	24	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	24	13	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013	0.00014	0.00007	0.00010	0.00014	0.00008	0.00013
10	24	14	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013	0.00014	0.00009	0.00011	0.00014	0.00008	0.00013
10	24	15	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013	0.00014	0.00010	0.00012	0.00014	0.00008	0.00013
10	24	16	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013	0.00014	0.00014	0.00014	0.00014	0.00008	0.00013
10	24	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	24	18	0.00014	0.00021	0.00019	0.00014	0.00009	0.00013	0.00014	0.00021	0.00019	0.00014	0.00009	0.00013
10	24	19	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013	0.00014	0.00024	0.00020	0.00014	0.00009	0.00013
10	24	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	24	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	24	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010

10	24	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	24	24	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009	0.00010	0.00018	0.00012	0.00010	0.00010	0.00009
10	25	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	25	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	25	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	25	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	25	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	25	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	25	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	25	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	25	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	25	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	25	11	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013	0.00013	0.00004	0.00011	0.00013	0.00009	0.00013
10	25	12	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013	0.00013	0.00005	0.00010	0.00013	0.00008	0.00013
10	25	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	25	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	25	15	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013	0.00013	0.00010	0.00012	0.00013	0.00008	0.00013
10	25	16	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013	0.00013	0.00014	0.00014	0.00013	0.00008	0.00013
10	25	17	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013	0.00013	0.00017	0.00016	0.00013	0.00008	0.00013
10	25	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	25	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	25	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	25	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	25	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	25	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	25	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	26	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	26	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	26	3	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009	0.00009	0.00007	0.00005	0.00009	0.00010	0.00009
10	26	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	26	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	26	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	26	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	26	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	26	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	26	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	26	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	26	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	26	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	26	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	26	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	26	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	26	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	26	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	26	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	26	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	26	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	26	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	26	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	26	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	27	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	27	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	27	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	27	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	27	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	27	6	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011	0.00009	0.00002	0.00002	0.00009	0.00012	0.00011
10	27	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012
10	27	8	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012	0.00010	0.00002	0.00008	0.00010	0.00013	0.00012
10	27	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
10	27	10	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013	0.00011	0.00003	0.00013	0.00011	0.00010	0.00013
10	27	11	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013	0.00011	0.00004	0.00011	0.00011	0.00009	0.00013
10	27	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013

10	27	13	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013	0.00010	0.00007	0.00010	0.00010	0.00008	0.00013
10	27	14	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013	0.00010	0.00009	0.00011	0.00010	0.00008	0.00013
10	27	15	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013	0.00010	0.00010	0.00012	0.00010	0.00008	0.00013
10	27	16	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013	0.00010	0.00014	0.00014	0.00010	0.00008	0.00013
10	27	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	27	18	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013	0.00011	0.00021	0.00019	0.00011	0.00009	0.00013
10	27	19	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013	0.00011	0.00024	0.00020	0.00011	0.00009	0.00013
10	27	20	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012	0.00011	0.00025	0.00020	0.00011	0.00009	0.00012
10	27	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	27	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	27	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	27	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	28	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	28	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	28	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	28	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	28	5	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010	0.00008	0.00003	0.00002	0.00008	0.00011	0.00010
10	28	6	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011	0.00008	0.00002	0.00002	0.00008	0.00012	0.00011
10	28	7	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012	0.00009	0.00001	0.00004	0.00009	0.00013	0.00012
10	28	8	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012	0.00009	0.00002	0.00008	0.00009	0.00013	0.00012
10	28	9	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013	0.00010	0.00003	0.00013	0.00010	0.00011	0.00013
10	28	10	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013	0.00010	0.00003	0.00013	0.00010	0.00010	0.00013
10	28	11	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013	0.00010	0.00004	0.00011	0.00010	0.00009	0.00013
10	28	12	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013	0.00011	0.00005	0.00010	0.00011	0.00008	0.00013
10	28	13	0.00011	0.00007	0.00010	0.00011	0.00008	0.00013	0.00011	0.00007	0.00010	0.00011	0.00008	0.00013
10	28	14	0.00011	0.00009	0.00011	0.00011	0.00008	0.00013	0.00011	0.00009	0.00011	0.00011	0.00008	0.00013
10	28	15	0.00011	0.00010	0.00012	0.00011	0.00008	0.00013	0.00011	0.00010	0.00012	0.00011	0.00008	0.00013
10	28	16	0.00011	0.00014	0.00014	0.00011	0.00008	0.00013	0.00011	0.00014	0.00014	0.00011	0.00008	0.00013
10	28	17	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013	0.00011	0.00017	0.00016	0.00011	0.00008	0.00013
10	28	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	28	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	28	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	28	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	28	22	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010	0.00010	0.00023	0.00017	0.00010	0.00009	0.00010
10	28	23	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009	0.00009	0.00022	0.00015	0.00009	0.00009	0.00009
10	28	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	29	1	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009	0.00008	0.00014	0.00009	0.00008	0.00010	0.00009
10	29	2	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009	0.00008	0.00010	0.00007	0.00008	0.00010	0.00009
10	29	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	29	4	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009	0.00008	0.00005	0.00003	0.00008	0.00011	0.00009
10	29	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	29	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	29	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	29	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	29	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	29	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	29	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	29	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	29	13	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013	0.00013	0.00007	0.00010	0.00013	0.00008	0.00013
10	29	14	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013	0.00013	0.00009	0.00011	0.00013	0.00008	0.00013
10	29	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	29	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	29	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	29	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	29	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	29	20	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012	0.00013	0.00025	0.00020	0.00013	0.00009	0.00012
10	29	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	29	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	29	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	29	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	30	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	30	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009

10	30	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	30	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	30	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	30	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	30	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	30	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	30	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	30	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	30	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	30	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	30	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	30	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	30	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	30	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	30	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	30	18	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013	0.00013	0.00021	0.00019	0.00013	0.00009	0.00013
10	30	19	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013	0.00013	0.00024	0.00020	0.00013	0.00009	0.00013
10	30	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	30	21	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011	0.00012	0.00024	0.00018	0.00012	0.00009	0.00011
10	30	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	30	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	30	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
10	31	1	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009	0.00009	0.00014	0.00009	0.00009	0.00010	0.00009
10	31	2	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009	0.00009	0.00010	0.00007	0.00009	0.00010	0.00009
10	31	3	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009	0.00008	0.00007	0.00005	0.00008	0.00010	0.00009
10	31	4	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009	0.00009	0.00005	0.00003	0.00009	0.00011	0.00009
10	31	5	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010	0.00009	0.00003	0.00002	0.00009	0.00011	0.00010
10	31	6	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011	0.00010	0.00002	0.00002	0.00010	0.00012	0.00011
10	31	7	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012	0.00011	0.00001	0.00004	0.00011	0.00013	0.00012
10	31	8	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012	0.00011	0.00002	0.00008	0.00011	0.00013	0.00012
10	31	9	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013	0.00012	0.00003	0.00013	0.00012	0.00011	0.00013
10	31	10	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013	0.00012	0.00003	0.00013	0.00012	0.00010	0.00013
10	31	11	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013	0.00012	0.00004	0.00011	0.00012	0.00009	0.00013
10	31	12	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013	0.00012	0.00005	0.00010	0.00012	0.00008	0.00013
10	31	13	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013	0.00012	0.00007	0.00010	0.00012	0.00008	0.00013
10	31	14	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013	0.00012	0.00009	0.00011	0.00012	0.00008	0.00013
10	31	15	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013	0.00012	0.00010	0.00012	0.00012	0.00008	0.00013
10	31	16	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013	0.00012	0.00014	0.00014	0.00012	0.00008	0.00013
10	31	17	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013	0.00012	0.00017	0.00016	0.00012	0.00008	0.00013
10	31	18	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013	0.00012	0.00021	0.00019	0.00012	0.00009	0.00013
10	31	19	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013	0.00012	0.00024	0.00020	0.00012	0.00009	0.00013
10	31	20	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012	0.00012	0.00025	0.00020	0.00012	0.00009	0.00012
10	31	21	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011	0.00011	0.00024	0.00018	0.00011	0.00009	0.00011
10	31	22	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010	0.00011	0.00023	0.00017	0.00011	0.00009	0.00010
10	31	23	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009	0.00010	0.00022	0.00015	0.00010	0.00009	0.00009
10	31	24	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009	0.00009	0.00018	0.00012	0.00009	0.00010	0.00009
11	1	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	1	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	1	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	1	4	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008
11	1	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	1	6	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009
11	1	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	1	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	1	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	1	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	1	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	1	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	1	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	1	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	1	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	1	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012

11	1	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	1	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	1	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	1	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	1	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	1	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	1	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	1	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	2	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	2	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	2	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	2	4	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008
11	2	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	2	6	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009
11	2	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	2	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	2	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	2	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	2	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	2	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	2	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	2	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	2	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	2	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	2	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	2	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	2	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	2	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	2	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	2	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	2	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	2	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	3	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	3	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	3	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	3	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	3	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	3	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	3	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	3	8	0.00010	0.00002	0.00008	0.00010	0.00019	0.00011	0.00010	0.00002	0.00008	0.00010	0.00019	0.00011
11	3	9	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012
11	3	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	3	11	0.00011	0.00004	0.00011	0.00011	0.00012	0.00012	0.00011	0.00004	0.00011	0.00011	0.00012	0.00012
11	3	12	0.00011	0.00005	0.00009	0.00011	0.00011	0.00012	0.00011	0.00005	0.00009	0.00011	0.00011	0.00012
11	3	13	0.00011	0.00007	0.00010	0.00011	0.00010	0.00012	0.00011	0.00007	0.00010	0.00011	0.00010	0.00012
11	3	14	0.00011	0.00009	0.00011	0.00011	0.00010	0.00012	0.00011	0.00009	0.00011	0.00011	0.00010	0.00012
11	3	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
11	3	16	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012
11	3	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
11	3	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
11	3	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	3	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	3	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	3	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	3	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	3	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	4	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	4	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	4	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	4	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	4	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	4	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009

11	4	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	4	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	4	9	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012
11	4	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	4	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	4	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	4	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	4	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	4	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	4	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	4	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
11	4	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	4	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	4	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	4	21	0.00010	0.00024	0.00018	0.00010	0.00014	0.00011	0.00010	0.00024	0.00018	0.00010	0.00014	0.00011
11	4	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	4	23	0.00009	0.00022	0.00015	0.00009	0.00015	0.00009	0.00009	0.00022	0.00015	0.00009	0.00015	0.00009
11	4	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	5	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	5	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	5	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	5	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	5	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	5	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	5	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	5	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	5	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	5	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	5	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	5	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	5	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	5	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	5	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	5	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	5	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	5	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	5	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	5	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	5	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	5	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	5	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	5	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	6	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	6	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	6	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	6	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	6	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	6	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	6	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	6	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	6	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	6	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	6	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	6	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	6	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	6	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	6	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	6	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	6	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	6	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	6	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	6	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012

11	6	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	6	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	6	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	6	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	7	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	7	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	7	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	7	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	7	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	7	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	7	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	7	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	7	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	7	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	7	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	7	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	7	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	7	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	7	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	7	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	7	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	7	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	7	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	7	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	7	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	7	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	7	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	7	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	8	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	8	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	8	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	8	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	8	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	8	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	8	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	8	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	8	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	8	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	8	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	8	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	8	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	8	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	8	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	8	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	8	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	8	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	8	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	8	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	8	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	8	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	8	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	8	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	9	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	9	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	9	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	9	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	9	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	9	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	9	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	9	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	9	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	9	10	0.00011	0.00003	0.00013	0.00011	0.00014	0.00012	0.00011	0.00003	0.00013	0.00011	0.00014	0.00012

11	9	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	9	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	9	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	9	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	9	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	9	16	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012
11	9	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
11	9	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	9	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	9	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	9	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	9	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	9	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	9	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	10	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	10	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	10	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	10	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	10	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	10	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	10	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010
11	10	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	10	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	10	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	10	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	10	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	10	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	10	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	10	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	10	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	10	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	10	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
11	10	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	10	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	10	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	10	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	10	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	10	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	11	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	11	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	11	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	11	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	11	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	11	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	11	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010
11	11	8	0.00008	0.00002	0.00008	0.00008	0.00019	0.00011	0.00008	0.00002	0.00008	0.00008	0.00019	0.00011
11	11	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	11	10	0.00009	0.00003	0.00013	0.00009	0.00014	0.00012	0.00009	0.00003	0.00013	0.00009	0.00014	0.00012
11	11	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	11	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	11	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	11	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	11	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	11	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	11	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	11	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
11	11	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	11	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	11	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	11	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	11	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	11	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009

11	12	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	12	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	12	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	12	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	12	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	12	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	12	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	12	8	0.00010	0.00002	0.00008	0.00010	0.00019	0.00011	0.00010	0.00002	0.00008	0.00010	0.00019	0.00011
11	12	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	12	10	0.00011	0.00003	0.00013	0.00011	0.00014	0.00012	0.00011	0.00003	0.00013	0.00011	0.00014	0.00012
11	12	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	12	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	12	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	12	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	12	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	12	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	12	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	12	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	12	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	12	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	12	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	12	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	12	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	12	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	13	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	13	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	13	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	13	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	13	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	13	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	13	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	13	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	13	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	13	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	13	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	13	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	13	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	13	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	13	15	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012
11	13	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	13	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	13	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	13	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	13	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	13	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	13	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	13	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	13	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	14	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	14	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	14	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	14	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	14	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	14	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	14	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	14	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	14	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	14	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	14	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	14	12	0.00013	0.00005	0.00009	0.00013	0.00011	0.00012	0.00013	0.00005	0.00009	0.00013	0.00011	0.00012
11	14	13	0.00013	0.00007	0.00010	0.00013	0.00010	0.00012	0.00013	0.00007	0.00010	0.00013	0.00010	0.00012
11	14	14	0.00013	0.00009	0.00011	0.00013	0.00010	0.00012	0.00013	0.00009	0.00011	0.00013	0.00010	0.00012

11	14	15	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012
11	14	16	0.00013	0.00014	0.00014	0.00013	0.00011	0.00012	0.00013	0.00014	0.00014	0.00013	0.00011	0.00012
11	14	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	14	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	14	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	14	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	14	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	14	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	14	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	14	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	15	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	15	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	15	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	15	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	15	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	15	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	15	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	15	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	15	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	15	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	15	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	15	12	0.00013	0.00005	0.00009	0.00013	0.00011	0.00012	0.00013	0.00005	0.00009	0.00013	0.00011	0.00012
11	15	13	0.00013	0.00007	0.00010	0.00013	0.00010	0.00012	0.00013	0.00007	0.00010	0.00013	0.00010	0.00012
11	15	14	0.00013	0.00009	0.00011	0.00013	0.00010	0.00012	0.00013	0.00009	0.00011	0.00013	0.00010	0.00012
11	15	15	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012	0.00013	0.00010	0.00012
11	15	16	0.00013	0.00014	0.00014	0.00013	0.00011	0.00012	0.00013	0.00014	0.00014	0.00013	0.00011	0.00012
11	15	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	15	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	15	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	15	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	15	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	15	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	15	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	15	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	16	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	16	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	16	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	16	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	16	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	16	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	16	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	16	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	16	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	16	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	16	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	16	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	16	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	16	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	16	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	16	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	16	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	16	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	16	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	16	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	16	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	16	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	16	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	16	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	17	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	17	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	17	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	17	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008

11	17	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	17	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	17	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	17	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	17	9	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012
11	17	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	17	11	0.00011	0.00004	0.00011	0.00011	0.00012	0.00012	0.00011	0.00004	0.00011	0.00011	0.00012	0.00012
11	17	12	0.00011	0.00005	0.00009	0.00011	0.00011	0.00012	0.00011	0.00005	0.00009	0.00011	0.00011	0.00012
11	17	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	17	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	17	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	17	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	17	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	17	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	17	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	17	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	17	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	17	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	17	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	17	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	18	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	18	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	18	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	18	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	18	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	18	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	18	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010
11	18	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	18	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	18	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	18	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	18	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	18	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	18	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	18	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	18	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	18	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	18	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	18	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	18	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	18	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	18	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	18	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	18	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	19	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	19	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	19	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	19	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	19	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	19	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	19	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	19	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	19	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	19	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	19	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	19	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	19	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	19	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	19	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	19	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	19	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	19	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012

11	19	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	19	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	19	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	19	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	19	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	19	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	20	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	20	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	20	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	20	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	20	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	20	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	20	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	20	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	20	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	20	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	20	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	20	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	20	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	20	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	20	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	20	16	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012
11	20	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	20	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	20	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	20	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	20	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	20	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	20	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	20	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	21	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	21	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	21	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	21	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	21	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	21	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	21	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	21	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	21	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	21	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	21	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	21	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	21	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	21	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	21	15	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012	0.00011	0.00010	0.00012
11	21	16	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012	0.00011	0.00014	0.00014	0.00011	0.00011	0.00012
11	21	17	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012	0.00011	0.00017	0.00016	0.00011	0.00012	0.00012
11	21	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	21	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	21	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	21	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	21	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	21	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	21	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	22	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	22	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	22	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	22	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	22	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	22	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	22	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	22	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011

11	22	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	22	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	22	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	22	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	22	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	22	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	22	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	22	16	0.00009	0.00014	0.00014	0.00009	0.00011	0.00012	0.00009	0.00014	0.00014	0.00009	0.00011	0.00012
11	22	17	0.00009	0.00017	0.00016	0.00009	0.00012	0.00012	0.00009	0.00017	0.00016	0.00009	0.00012	0.00012
11	22	18	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012	0.00010	0.00021	0.00019	0.00010	0.00012	0.00012
11	22	19	0.00010	0.00024	0.00020	0.00010	0.00013	0.00012	0.00010	0.00024	0.00020	0.00010	0.00013	0.00012
11	22	20	0.00010	0.00025	0.00020	0.00010	0.00014	0.00012	0.00010	0.00025	0.00020	0.00010	0.00014	0.00012
11	22	21	0.00010	0.00024	0.00018	0.00010	0.00014	0.00011	0.00010	0.00024	0.00018	0.00010	0.00014	0.00011
11	22	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	22	23	0.00009	0.00022	0.00015	0.00009	0.00015	0.00009	0.00009	0.00022	0.00015	0.00009	0.00015	0.00009
11	22	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	23	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	23	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	23	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	23	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	23	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	23	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	23	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	23	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	23	9	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012	0.00010	0.00003	0.00013	0.00010	0.00016	0.00012
11	23	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	23	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	23	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	23	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	23	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	23	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	23	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	23	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	23	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
11	23	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	23	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	23	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	23	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010
11	23	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	23	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	24	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	24	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	24	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	24	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	24	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	24	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	24	7	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010	0.00009	0.00001	0.00004	0.00009	0.00020	0.00010
11	24	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	24	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	24	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	24	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	24	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	24	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	24	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	24	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	24	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	24	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	24	18	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012	0.00011	0.00021	0.00019	0.00011	0.00012	0.00012
11	24	19	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012	0.00011	0.00024	0.00020	0.00011	0.00013	0.00012
11	24	20	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012	0.00011	0.00025	0.00020	0.00011	0.00014	0.00012
11	24	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	24	22	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010	0.00010	0.00023	0.00017	0.00010	0.00015	0.00010

11	24	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	24	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	25	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	25	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	25	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	25	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	25	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	25	6	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009	0.00008	0.00002	0.00002	0.00008	0.00020	0.00009
11	25	7	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010	0.00008	0.00001	0.00004	0.00008	0.00020	0.00010
11	25	8	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011	0.00009	0.00002	0.00008	0.00009	0.00019	0.00011
11	25	9	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012	0.00009	0.00003	0.00013	0.00009	0.00016	0.00012
11	25	10	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012	0.00010	0.00003	0.00013	0.00010	0.00014	0.00012
11	25	11	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012	0.00010	0.00004	0.00011	0.00010	0.00012	0.00012
11	25	12	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012	0.00010	0.00005	0.00009	0.00010	0.00011	0.00012
11	25	13	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012	0.00010	0.00007	0.00010	0.00010	0.00010	0.00012
11	25	14	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012	0.00010	0.00009	0.00011	0.00010	0.00010	0.00012
11	25	15	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012	0.00010	0.00010	0.00012
11	25	16	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012	0.00010	0.00014	0.00014	0.00010	0.00011	0.00012
11	25	17	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012	0.00010	0.00017	0.00016	0.00010	0.00012	0.00012
11	25	18	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012	0.00012	0.00021	0.00019	0.00012	0.00012	0.00012
11	25	19	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012	0.00012	0.00024	0.00020	0.00012	0.00013	0.00012
11	25	20	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012	0.00012	0.00025	0.00020	0.00012	0.00014	0.00012
11	25	21	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011	0.00011	0.00024	0.00018	0.00011	0.00014	0.00011
11	25	22	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010	0.00011	0.00023	0.00017	0.00011	0.00015	0.00010
11	25	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009	0.00010	0.00022	0.00015	0.00010	0.00015	0.00009
11	25	24	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009	0.00009	0.00018	0.00013	0.00009	0.00016	0.00009
11	26	1	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008	0.00008	0.00014	0.00009	0.00008	0.00016	0.00008
11	26	2	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008	0.00008	0.00010	0.00007	0.00008	0.00017	0.00008
11	26	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	26	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	26	5	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008	0.00008	0.00003	0.00002	0.00008	0.00020	0.00008
11	26	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	26	7	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010	0.00010	0.00001	0.00004	0.00010	0.00020	0.00010
11	26	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	26	9	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012	0.00011	0.00003	0.00013	0.00011	0.00016	0.00012
11	26	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	26	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	26	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	26	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	26	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	26	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	26	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	26	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	26	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	26	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	26	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	26	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	26	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	26	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	26	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	27	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	27	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	27	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008	0.00008	0.00007	0.00005	0.00008	0.00018	0.00008
11	27	4	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008	0.00008	0.00005	0.00003	0.00008	0.00019	0.00008
11	27	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	27	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	27	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	27	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	27	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	27	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	27	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	27	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012

11	27	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	27	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	27	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	27	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	27	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	27	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	27	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	27	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	27	21	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011
11	27	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	27	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	27	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	28	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	28	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	28	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
11	28	4	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008
11	28	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	28	6	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009
11	28	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	28	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	28	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	28	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	28	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	28	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	28	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	28	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	28	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	28	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	28	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	28	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	28	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	28	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	28	21	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011
11	28	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	28	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	28	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	29	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	29	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008
11	29	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
11	29	4	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008
11	29	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	29	6	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009	0.00010	0.00002	0.00002	0.00010	0.00020	0.00009
11	29	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	29	8	0.00012	0.00002	0.00008	0.00012	0.00019	0.00011	0.00012	0.00002	0.00008	0.00012	0.00019	0.00011
11	29	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	29	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	29	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	29	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	29	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	29	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	29	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	29	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	29	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	29	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	29	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	29	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	29	21	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011	0.00013	0.00024	0.00018	0.00013	0.00014	0.00011
11	29	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	29	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	29	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
11	30	1	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008	0.00009	0.00014	0.00009	0.00009	0.00016	0.00008
11	30	2	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008	0.00009	0.00010	0.00007	0.00009	0.00017	0.00008

11	30	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008	0.00009	0.00007	0.00005	0.00009	0.00018	0.00008
11	30	4	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008	0.00009	0.00005	0.00003	0.00009	0.00019	0.00008
11	30	5	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008	0.00009	0.00003	0.00002	0.00009	0.00020	0.00008
11	30	6	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009	0.00009	0.00002	0.00002	0.00009	0.00020	0.00009
11	30	7	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010	0.00011	0.00001	0.00004	0.00011	0.00020	0.00010
11	30	8	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011	0.00011	0.00002	0.00008	0.00011	0.00019	0.00011
11	30	9	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012	0.00012	0.00003	0.00013	0.00012	0.00016	0.00012
11	30	10	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012	0.00012	0.00003	0.00013	0.00012	0.00014	0.00012
11	30	11	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012	0.00012	0.00004	0.00011	0.00012	0.00012	0.00012
11	30	12	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012	0.00012	0.00005	0.00009	0.00012	0.00011	0.00012
11	30	13	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012	0.00012	0.00007	0.00010	0.00012	0.00010	0.00012
11	30	14	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012	0.00012	0.00009	0.00011	0.00012	0.00010	0.00012
11	30	15	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012	0.00012	0.00010	0.00012
11	30	16	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012	0.00012	0.00014	0.00014	0.00012	0.00011	0.00012
11	30	17	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012	0.00012	0.00017	0.00016	0.00012	0.00012	0.00012
11	30	18	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012	0.00013	0.00021	0.00019	0.00013	0.00012	0.00012
11	30	19	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012	0.00013	0.00024	0.00020	0.00013	0.00013	0.00012
11	30	20	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012	0.00013	0.00025	0.00020	0.00013	0.00014	0.00012
11	30	21	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011	0.00012	0.00024	0.00018	0.00012	0.00014	0.00011
11	30	22	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010	0.00012	0.00023	0.00017	0.00012	0.00015	0.00010
11	30	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009	0.00011	0.00022	0.00015	0.00011	0.00015	0.00009
11	30	24	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009	0.00010	0.00018	0.00013	0.00010	0.00016	0.00009
12	1	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	1	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	1	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	1	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	1	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	1	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	1	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	1	8	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011
12	1	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	1	10	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012
12	1	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	1	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	1	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
12	1	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	1	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	1	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	1	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	1	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	1	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	1	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	1	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	1	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	1	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	1	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	2	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	2	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	2	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	2	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	2	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	2	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	2	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	2	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	2	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	2	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	2	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	2	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
12	2	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	2	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	2	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	2	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012

12	2	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	2	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	2	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	2	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	2	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	2	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011
12	2	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010
12	2	24	0.00009	0.00018	0.00012	0.00009	0.00016	0.00009	0.00009	0.00018	0.00012	0.00009	0.00016	0.00009
12	3	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	3	2	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009
12	3	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	3	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	3	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	3	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	3	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	3	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	3	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	3	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	3	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	3	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	3	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	3	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	3	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	3	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	3	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	3	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	3	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	3	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	3	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	3	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	3	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	3	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	4	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	4	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	4	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	4	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	4	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	4	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	4	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	4	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	4	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	4	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	4	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	4	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	4	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	4	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	4	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	4	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	4	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	4	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	4	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	4	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	4	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	4	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	4	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	4	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	5	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	5	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	5	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	5	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	5	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	5	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010

12	5	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	5	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	5	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	5	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	5	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	5	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	5	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	5	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	5	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	5	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	5	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	5	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	5	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	5	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	5	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	5	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	5	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	5	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	6	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	6	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	6	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	6	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	6	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	6	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	6	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	6	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	6	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	6	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	6	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	6	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	6	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	6	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	6	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	6	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	6	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	6	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	6	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	6	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	6	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	6	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	6	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	6	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	7	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	7	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	7	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	7	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	7	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	7	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	7	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	7	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	7	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	7	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	7	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	7	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	7	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	7	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	7	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	7	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	7	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	7	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	7	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	7	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013

12	7	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	7	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	7	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	7	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	8	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	8	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	8	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	8	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	8	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	8	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	8	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	8	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	8	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	8	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	8	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	8	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	8	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	8	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	8	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	8	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	8	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	8	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	8	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	8	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	8	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	8	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	8	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	8	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	9	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	9	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	9	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	9	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	9	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	9	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	9	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	9	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	9	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	9	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	9	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	9	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
12	9	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	9	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	9	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	9	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	9	17	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013
12	9	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	9	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	9	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	9	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	9	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	9	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	9	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	10	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	10	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	10	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	10	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	10	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	10	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	10	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	10	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	10	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	10	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012

12	10	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	10	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	10	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	10	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	10	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	10	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	10	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	10	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	10	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	10	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	10	21	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012
12	10	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	10	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	10	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	11	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	11	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	11	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	11	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	11	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	11	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	11	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	11	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	11	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	11	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	11	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	11	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	11	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	11	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	11	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	11	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	11	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	11	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	11	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	11	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	11	21	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012
12	11	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	11	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	11	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	12	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	12	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	12	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	12	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	12	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	12	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	12	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	12	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	12	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	12	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	12	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	12	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	12	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	12	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	12	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	12	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	12	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	12	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	12	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	12	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	12	21	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012
12	12	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	12	23	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010
12	12	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009

12	13	1	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009
12	13	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	13	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	13	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	13	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	13	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	13	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	13	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	13	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	13	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	13	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	13	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	13	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	13	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	13	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	13	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	13	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	13	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	13	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	13	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	13	21	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012
12	13	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	13	23	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010
12	13	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	14	1	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009
12	14	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	14	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	14	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	14	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	14	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	14	7	0.00012	0.00001	0.00004	0.00012	0.00021	0.00011	0.00012	0.00001	0.00004	0.00012	0.00021	0.00011
12	14	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	14	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	14	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	14	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	14	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	14	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	14	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	14	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	14	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	14	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	14	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	14	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	14	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	14	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	14	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	14	23	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010
12	14	24	0.00011	0.00018	0.00012	0.00011	0.00016	0.00009	0.00011	0.00018	0.00012	0.00011	0.00016	0.00009
12	15	1	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009
12	15	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	15	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	15	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	15	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	15	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	15	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	15	8	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011
12	15	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	15	10	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012
12	15	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	15	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	15	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	15	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012

12	15	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	15	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	15	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	15	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	15	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	15	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	15	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	15	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	15	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	15	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	16	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	16	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	16	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	16	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	16	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	16	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	16	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	16	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	16	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	16	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	16	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	16	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
12	16	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	16	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	16	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	16	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	16	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	16	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	16	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	16	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	16	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	16	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	16	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	16	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	17	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	17	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	17	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	17	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	17	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	17	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	17	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	17	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	17	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	17	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	17	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	17	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	17	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	17	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	17	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	17	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	17	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	17	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	17	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	17	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	17	21	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012	0.00014	0.00025	0.00018	0.00014	0.00014	0.00012
12	17	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	17	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	17	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	18	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	18	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	18	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	18	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009

12	18	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	18	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	18	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	18	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	18	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	18	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	18	11	0.00013	0.00004	0.00011	0.00013	0.00013	0.00012	0.00013	0.00004	0.00011	0.00013	0.00013	0.00012
12	18	12	0.00013	0.00005	0.00010	0.00013	0.00012	0.00012	0.00013	0.00005	0.00010	0.00013	0.00012	0.00012
12	18	13	0.00013	0.00007	0.00010	0.00013	0.00011	0.00012	0.00013	0.00007	0.00010	0.00013	0.00011	0.00012
12	18	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	18	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	18	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	18	17	0.00013	0.00017	0.00016	0.00013	0.00013	0.00013	0.00013	0.00017	0.00016	0.00013	0.00013	0.00013
12	18	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	18	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	18	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	18	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	18	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	18	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	18	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	19	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	19	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	19	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	19	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	19	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	19	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	19	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	19	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	19	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	19	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	19	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	19	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	19	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	19	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	19	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	19	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	19	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	19	18	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013	0.00014	0.00022	0.00019	0.00014	0.00013	0.00013
12	19	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	19	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	19	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	19	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	19	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	19	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	20	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	20	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	20	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	20	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	20	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	20	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	20	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	20	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	20	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	20	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	20	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	20	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	20	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	20	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	20	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	20	16	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012	0.00012	0.00013	0.00014	0.00012	0.00011	0.00012
12	20	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	20	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013

12	20	19	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013	0.00014	0.00025	0.00021	0.00014	0.00014	0.00013
12	20	20	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013	0.00014	0.00026	0.00020	0.00014	0.00014	0.00013
12	20	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	20	22	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011	0.00013	0.00023	0.00017	0.00013	0.00014	0.00011
12	20	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	20	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	21	1	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009
12	21	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	21	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	21	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	21	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	21	6	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010	0.00010	0.00002	0.00002	0.00010	0.00019	0.00010
12	21	7	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011	0.00011	0.00001	0.00004	0.00011	0.00021	0.00011
12	21	8	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011	0.00012	0.00001	0.00009	0.00012	0.00021	0.00011
12	21	9	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012	0.00012	0.00003	0.00014	0.00012	0.00019	0.00012
12	21	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	21	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	21	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	21	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	21	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
12	21	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	21	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	21	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	21	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	21	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	21	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	21	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	21	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	21	23	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010	0.00012	0.00022	0.00015	0.00012	0.00015	0.00010
12	21	24	0.00011	0.00018	0.00012	0.00011	0.00016	0.00009	0.00011	0.00018	0.00012	0.00011	0.00016	0.00009
12	22	1	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009	0.00010	0.00014	0.00009	0.00010	0.00017	0.00009
12	22	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	22	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	22	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	22	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	22	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	22	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	22	8	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011
12	22	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	22	10	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012
12	22	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	22	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	22	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	22	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	22	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	22	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	22	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	22	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	22	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	22	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	22	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	22	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	22	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	22	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	23	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	23	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	23	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	23	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	23	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	23	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	23	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	23	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011

12	23	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	23	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	23	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	23	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
12	23	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	23	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	23	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	23	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	23	17	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013
12	23	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	23	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	23	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	23	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	23	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	23	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	23	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	24	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	24	2	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009
12	24	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	24	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	24	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	24	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	24	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	24	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	24	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	24	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	24	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	24	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	24	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	24	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	24	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	24	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	24	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	24	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	24	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	24	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	24	21	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012
12	24	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011
12	24	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	24	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	25	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	25	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	25	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	25	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	25	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	25	6	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010	0.00008	0.00002	0.00002	0.00008	0.00019	0.00010
12	25	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	25	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	25	9	0.00009	0.00003	0.00014	0.00009	0.00019	0.00012	0.00009	0.00003	0.00014	0.00009	0.00019	0.00012
12	25	10	0.00009	0.00003	0.00014	0.00009	0.00016	0.00012	0.00009	0.00003	0.00014	0.00009	0.00016	0.00012
12	25	11	0.00009	0.00004	0.00011	0.00009	0.00013	0.00012	0.00009	0.00004	0.00011	0.00009	0.00013	0.00012
12	25	12	0.00009	0.00005	0.00010	0.00009	0.00012	0.00012	0.00009	0.00005	0.00010	0.00009	0.00012	0.00012
12	25	13	0.00009	0.00007	0.00010	0.00009	0.00011	0.00012	0.00009	0.00007	0.00010	0.00009	0.00011	0.00012
12	25	14	0.00009	0.00009	0.00011	0.00009	0.00011	0.00012	0.00009	0.00009	0.00011	0.00009	0.00011	0.00012
12	25	15	0.00009	0.00010	0.00012	0.00009	0.00011	0.00012	0.00009	0.00010	0.00012	0.00009	0.00011	0.00012
12	25	16	0.00009	0.00013	0.00014	0.00009	0.00011	0.00012	0.00009	0.00013	0.00014	0.00009	0.00011	0.00012
12	25	17	0.00009	0.00017	0.00016	0.00009	0.00013	0.00013	0.00009	0.00017	0.00016	0.00009	0.00013	0.00013
12	25	18	0.00011	0.00022	0.00019	0.00011	0.00013	0.00013	0.00011	0.00022	0.00019	0.00011	0.00013	0.00013
12	25	19	0.00011	0.00025	0.00021	0.00011	0.00014	0.00013	0.00011	0.00025	0.00021	0.00011	0.00014	0.00013
12	25	20	0.00011	0.00026	0.00020	0.00011	0.00014	0.00013	0.00011	0.00026	0.00020	0.00011	0.00014	0.00013
12	25	21	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012
12	25	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011

12	25	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010
12	25	24	0.00009	0.00018	0.00012	0.00009	0.00016	0.00009	0.00009	0.00018	0.00012	0.00009	0.00016	0.00009
12	26	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	26	2	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009	0.00008	0.00010	0.00006	0.00008	0.00017	0.00009
12	26	3	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009	0.00008	0.00007	0.00005	0.00008	0.00018	0.00009
12	26	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	26	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	26	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	26	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	26	8	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011
12	26	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	26	10	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012
12	26	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	26	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	26	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
12	26	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
12	26	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	26	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	26	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	26	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	26	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	26	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	26	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	26	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	26	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	26	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	27	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	27	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	27	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	27	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	27	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	27	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	27	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	27	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	27	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	27	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	27	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	27	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012
12	27	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
12	27	14	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012	0.00011	0.00009	0.00011	0.00011	0.00011	0.00012
12	27	15	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012	0.00011	0.00010	0.00012	0.00011	0.00011	0.00012
12	27	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	27	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	27	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	27	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	27	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	27	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	27	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	27	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	27	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	28	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	28	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	28	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	28	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	28	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	28	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	28	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	28	8	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011	0.00011	0.00001	0.00009	0.00011	0.00021	0.00011
12	28	9	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012	0.00011	0.00003	0.00014	0.00011	0.00019	0.00012
12	28	10	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012	0.00012	0.00003	0.00014	0.00012	0.00016	0.00012
12	28	11	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012	0.00012	0.00004	0.00011	0.00012	0.00013	0.00012
12	28	12	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012	0.00012	0.00005	0.00010	0.00012	0.00012	0.00012

12	28	13	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012	0.00012	0.00007	0.00010	0.00012	0.00011	0.00012
12	28	14	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012	0.00012	0.00009	0.00011	0.00012	0.00011	0.00012
12	28	15	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012	0.00012	0.00010	0.00012	0.00012	0.00011	0.00012
12	28	16	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012	0.00011	0.00013	0.00014	0.00011	0.00011	0.00012
12	28	17	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013	0.00012	0.00017	0.00016	0.00012	0.00013	0.00013
12	28	18	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013	0.00013	0.00022	0.00019	0.00013	0.00013	0.00013
12	28	19	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013	0.00013	0.00025	0.00021	0.00013	0.00014	0.00013
12	28	20	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013	0.00013	0.00026	0.00020	0.00013	0.00014	0.00013
12	28	21	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012	0.00013	0.00025	0.00018	0.00013	0.00014	0.00012
12	28	22	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011	0.00012	0.00023	0.00017	0.00012	0.00014	0.00011
12	28	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	28	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	29	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	29	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	29	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	29	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	29	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	29	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	29	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	29	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	29	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	29	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	29	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	29	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	29	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	29	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	29	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	29	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	29	17	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013
12	29	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	29	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	29	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	29	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	29	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011
12	29	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010
12	29	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	30	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	30	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009
12	30	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	30	4	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009	0.00008	0.00005	0.00003	0.00008	0.00018	0.00009
12	30	5	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009	0.00008	0.00003	0.00002	0.00008	0.00018	0.00009
12	30	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	30	7	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011	0.00009	0.00001	0.00004	0.00009	0.00021	0.00011
12	30	8	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011	0.00009	0.00001	0.00009	0.00009	0.00021	0.00011
12	30	9	0.00009	0.00003	0.00014	0.00009	0.00019	0.00012	0.00009	0.00003	0.00014	0.00009	0.00019	0.00012
12	30	10	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012	0.00010	0.00003	0.00014	0.00010	0.00016	0.00012
12	30	11	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012	0.00010	0.00004	0.00011	0.00010	0.00013	0.00012
12	30	12	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012	0.00010	0.00005	0.00010	0.00010	0.00012	0.00012
12	30	13	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012	0.00010	0.00007	0.00010	0.00010	0.00011	0.00012
12	30	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	30	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	30	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	30	17	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013	0.00010	0.00017	0.00016	0.00010	0.00013	0.00013
12	30	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	30	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	30	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	30	21	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012	0.00012	0.00025	0.00018	0.00012	0.00014	0.00012
12	30	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011
12	30	23	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010	0.00011	0.00022	0.00015	0.00011	0.00015	0.00010
12	30	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
12	31	1	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009	0.00009	0.00014	0.00009	0.00009	0.00017	0.00009
12	31	2	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009	0.00009	0.00010	0.00006	0.00009	0.00017	0.00009

12	31	3	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009	0.00009	0.00007	0.00005	0.00009	0.00018	0.00009
12	31	4	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009	0.00009	0.00005	0.00003	0.00009	0.00018	0.00009
12	31	5	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009	0.00009	0.00003	0.00002	0.00009	0.00018	0.00009
12	31	6	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010	0.00009	0.00002	0.00002	0.00009	0.00019	0.00010
12	31	7	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011	0.00010	0.00001	0.00004	0.00010	0.00021	0.00011
12	31	8	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011	0.00010	0.00001	0.00009	0.00010	0.00021	0.00011
12	31	9	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012	0.00010	0.00003	0.00014	0.00010	0.00019	0.00012
12	31	10	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012	0.00011	0.00003	0.00014	0.00011	0.00016	0.00012
12	31	11	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012	0.00011	0.00004	0.00011	0.00011	0.00013	0.00012
12	31	12	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012	0.00011	0.00005	0.00010	0.00011	0.00012	0.00012
12	31	13	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012	0.00011	0.00007	0.00010	0.00011	0.00011	0.00012
12	31	14	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012	0.00010	0.00009	0.00011	0.00010	0.00011	0.00012
12	31	15	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012	0.00010	0.00010	0.00012	0.00010	0.00011	0.00012
12	31	16	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012	0.00010	0.00013	0.00014	0.00010	0.00011	0.00012
12	31	17	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013	0.00011	0.00017	0.00016	0.00011	0.00013	0.00013
12	31	18	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013	0.00012	0.00022	0.00019	0.00012	0.00013	0.00013
12	31	19	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013	0.00012	0.00025	0.00021	0.00012	0.00014	0.00013
12	31	20	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013	0.00012	0.00026	0.00020	0.00012	0.00014	0.00013
12	31	21	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012	0.00011	0.00025	0.00018	0.00011	0.00014	0.00012
12	31	22	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011	0.00011	0.00023	0.00017	0.00011	0.00014	0.00011
12	31	23	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010	0.00010	0.00022	0.00015	0.00010	0.00015	0.00010
12	31	24	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009	0.00010	0.00018	0.00012	0.00010	0.00016	0.00009
			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Based on 2007 Weather

			Wind		Solar		Geothermal	Biomass	Small Hydro
Month	Day	Hour	CAISO_Wind	SW_Ext_Tx_	BTM_Distrib	New_Mexico_S	Geothermal	Biomass	Small Hydro
1	1	1	0.15	0.00	0.00	0.00	1.00	1.00	1.00
1	1	2	0.13	0.00	0.00	0.00	1.00	1.00	1.00
1	1	3	0.14	0.00	0.00	0.00	1.00	1.00	1.00
1	1	4	0.17	0.00	0.00	0.00	1.00	1.00	1.00
1	1	5	0.18	0.01	0.00	0.00	1.00	1.00	1.00
1	1	6	0.17	0.02	0.00	0.00	1.00	1.00	1.00
1	1	7	0.19	0.04	0.00	0.10	1.00	1.00	1.00
1	1	8	0.26	0.05	0.09	0.48	1.00	1.00	1.00
1	1	9	0.30	0.02	0.36	0.63	1.00	1.00	1.00
1	1	10	0.36	0.01	0.59	0.68	1.00	1.00	1.00
1	1	11	0.35	0.02	0.72	0.75	1.00	1.00	1.00
1	1	12	0.38	0.04	0.79	0.66	1.00	1.00	1.00
1	1	13	0.51	0.05	0.81	0.75	1.00	1.00	1.00
1	1	14	0.57	0.05	0.75	0.67	1.00	1.00	1.00
1	1	15	0.60	0.05	0.64	0.56	1.00	1.00	1.00
1	1	16	0.67	0.07	0.42	0.26	1.00	1.00	1.00
1	1	17	0.67	0.07	0.08	0.00	1.00	1.00	1.00
1	1	18	0.72	0.06	0.00	0.00	1.00	1.00	1.00
1	1	19	0.70	0.08	0.00	0.00	1.00	1.00	1.00
1	1	20	0.70	0.10	0.00	0.00	1.00	1.00	1.00
1	1	21	0.64	0.10	0.00	0.00	1.00	1.00	1.00
1	1	22	0.58	0.07	0.00	0.00	1.00	1.00	1.00
1	1	23	0.55	0.04	0.00	0.00	1.00	1.00	1.00
1	1	24	0.44	0.02	0.00	0.00	1.00	1.00	1.00
1	2	1	0.34	0.01	0.00	0.00	1.00	1.00	1.00
1	2	2	0.33	0.00	0.00	0.00	1.00	1.00	1.00
1	2	3	0.29	0.00	0.00	0.00	1.00	1.00	1.00
1	2	4	0.21	0.00	0.00	0.00	1.00	1.00	1.00
1	2	5	0.15	0.00	0.00	0.00	1.00	1.00	1.00
1	2	6	0.13	0.00	0.00	0.00	1.00	1.00	1.00
1	2	7	0.12	0.00	0.00	0.10	1.00	1.00	1.00
1	2	8	0.12	0.00	0.07	0.36	1.00	1.00	1.00
1	2	9	0.10	0.00	0.28	0.56	1.00	1.00	1.00
1	2	10	0.04	0.00	0.48	0.54	1.00	1.00	1.00
1	2	11	0.02	0.00	0.62	0.64	1.00	1.00	1.00
1	2	12	0.02	0.00	0.70	0.71	1.00	1.00	1.00
1	2	13	0.05	0.00	0.70	0.71	1.00	1.00	1.00
1	2	14	0.09	0.01	0.62	0.68	1.00	1.00	1.00
1	2	15	0.07	0.01	0.51	0.69	1.00	1.00	1.00
1	2	16	0.06	0.01	0.32	0.38	1.00	1.00	1.00
1	2	17	0.04	0.03	0.05	0.00	1.00	1.00	1.00
1	2	18	0.01	0.07	0.00	0.00	1.00	1.00	1.00
1	2	19	0.00	0.11	0.00	0.00	1.00	1.00	1.00
1	2	20	0.00	0.12	0.00	0.00	1.00	1.00	1.00
1	2	21	0.00	0.15	0.00	0.00	1.00	1.00	1.00

1	2	22	0.00	0.20	0.00	0.00	1.00	1.00	1.00
1	2	23	0.00	0.26	0.00	0.00	1.00	1.00	1.00
1	2	24	0.00	0.30	0.00	0.00	1.00	1.00	1.00
1	3	1	0.00	0.35	0.00	0.00	1.00	1.00	1.00
1	3	2	0.00	0.38	0.00	0.00	1.00	1.00	1.00
1	3	3	0.00	0.40	0.00	0.00	1.00	1.00	1.00
1	3	4	0.00	0.43	0.00	0.00	1.00	1.00	1.00
1	3	5	0.03	0.43	0.00	0.00	1.00	1.00	1.00
1	3	6	0.08	0.44	0.00	0.00	1.00	1.00	1.00
1	3	7	0.14	0.45	0.00	0.15	1.00	1.00	1.00
1	3	8	0.18	0.45	0.04	0.60	1.00	1.00	1.00
1	3	9	0.17	0.45	0.29	0.74	1.00	1.00	1.00
1	3	10	0.16	0.45	0.53	0.69	1.00	1.00	1.00
1	3	11	0.16	0.46	0.67	0.74	1.00	1.00	1.00
1	3	12	0.18	0.47	0.73	0.79	1.00	1.00	1.00
1	3	13	0.21	0.49	0.74	0.83	1.00	1.00	1.00
1	3	14	0.23	0.52	0.70	0.78	1.00	1.00	1.00
1	3	15	0.27	0.54	0.59	0.71	1.00	1.00	1.00
1	3	16	0.36	0.61	0.39	0.43	1.00	1.00	1.00
1	3	17	0.47	0.66	0.09	0.00	1.00	1.00	1.00
1	3	18	0.53	0.76	0.00	0.00	1.00	1.00	1.00
1	3	19	0.53	0.80	0.00	0.00	1.00	1.00	1.00
1	3	20	0.55	0.75	0.00	0.00	1.00	1.00	1.00
1	3	21	0.56	0.70	0.00	0.00	1.00	1.00	1.00
1	3	22	0.63	0.71	0.00	0.00	1.00	1.00	1.00
1	3	23	0.69	0.76	0.00	0.00	1.00	1.00	1.00
1	3	24	0.68	0.74	0.00	0.00	1.00	1.00	1.00
1	4	1	0.60	0.77	0.00	0.00	1.00	1.00	1.00
1	4	2	0.54	0.82	0.00	0.00	1.00	1.00	1.00
1	4	3	0.53	0.83	0.00	0.00	1.00	1.00	1.00
1	4	4	0.56	0.82	0.00	0.00	1.00	1.00	1.00
1	4	5	0.59	0.84	0.00	0.00	1.00	1.00	1.00
1	4	6	0.68	0.78	0.00	0.00	1.00	1.00	1.00
1	4	7	0.64	0.86	0.00	0.16	1.00	1.00	1.00
1	4	8	0.57	0.93	0.08	0.67	1.00	1.00	1.00
1	4	9	0.59	0.93	0.28	0.83	1.00	1.00	1.00
1	4	10	0.64	0.92	0.42	0.91	1.00	1.00	1.00
1	4	11	0.74	0.90	0.48	0.94	1.00	1.00	1.00
1	4	12	0.79	0.87	0.53	1.00	1.00	1.00	1.00
1	4	13	0.88	0.81	0.55	0.98	1.00	1.00	1.00
1	4	14	0.91	0.79	0.51	0.92	1.00	1.00	1.00
1	4	15	0.86	0.85	0.45	0.77	1.00	1.00	1.00
1	4	16	0.80	0.91	0.29	0.46	1.00	1.00	1.00
1	4	17	0.72	0.94	0.05	0.00	1.00	1.00	1.00
1	4	18	0.66	0.97	0.00	0.00	1.00	1.00	1.00
1	4	19	0.61	0.95	0.00	0.00	1.00	1.00	1.00
1	4	20	0.54	0.92	0.00	0.00	1.00	1.00	1.00
1	4	21	0.39	0.93	0.00	0.00	1.00	1.00	1.00
1	4	22	0.39	0.96	0.00	0.00	1.00	1.00	1.00

1	4	23	0.65	0.98	0.00	0.00	1.00	1.00	1.00
1	4	24	0.80	0.98	0.00	0.00	1.00	1.00	1.00
1	5	1	0.76	0.95	0.00	0.00	1.00	1.00	1.00
1	5	2	0.65	0.94	0.00	0.00	1.00	1.00	1.00
1	5	3	0.68	0.95	0.00	0.00	1.00	1.00	1.00
1	5	4	0.72	0.95	0.00	0.00	1.00	1.00	1.00
1	5	5	0.76	0.93	0.00	0.00	1.00	1.00	1.00
1	5	6	0.74	0.86	0.00	0.00	1.00	1.00	1.00
1	5	7	0.74	0.83	0.00	0.14	1.00	1.00	1.00
1	5	8	0.77	0.76	0.07	0.64	1.00	1.00	1.00
1	5	9	0.89	0.64	0.35	0.88	1.00	1.00	1.00
1	5	10	0.99	0.51	0.58	1.00	1.00	1.00	1.00
1	5	11	0.99	0.41	0.72	1.00	1.00	1.00	1.00
1	5	12	0.96	0.34	0.80	1.00	1.00	1.00	1.00
1	5	13	0.95	0.32	0.83	0.97	1.00	1.00	1.00
1	5	14	0.95	0.29	0.79	0.88	1.00	1.00	1.00
1	5	15	0.95	0.28	0.68	0.59	1.00	1.00	1.00
1	5	16	0.95	0.21	0.45	0.32	1.00	1.00	1.00
1	5	17	0.96	0.22	0.11	0.00	1.00	1.00	1.00
1	5	18	0.87	0.16	0.00	0.00	1.00	1.00	1.00
1	5	19	0.83	0.17	0.00	0.00	1.00	1.00	1.00
1	5	20	0.76	0.12	0.00	0.00	1.00	1.00	1.00
1	5	21	0.66	0.11	0.00	0.00	1.00	1.00	1.00
1	5	22	0.53	0.24	0.00	0.00	1.00	1.00	1.00
1	5	23	0.48	0.70	0.00	0.00	1.00	1.00	1.00
1	5	24	0.39	0.65	0.00	0.00	1.00	1.00	1.00
1	6	1	0.22	0.47	0.00	0.00	1.00	1.00	1.00
1	6	2	0.13	0.40	0.00	0.00	1.00	1.00	1.00
1	6	3	0.09	0.36	0.00	0.00	1.00	1.00	1.00
1	6	4	0.05	0.29	0.00	0.00	1.00	1.00	1.00
1	6	5	0.05	0.20	0.00	0.00	1.00	1.00	1.00
1	6	6	0.06	0.17	0.00	0.00	1.00	1.00	1.00
1	6	7	0.06	0.15	0.00	0.15	1.00	1.00	1.00
1	6	8	0.07	0.10	0.08	0.46	1.00	1.00	1.00
1	6	9	0.04	0.07	0.37	0.65	1.00	1.00	1.00
1	6	10	0.00	0.10	0.60	0.75	1.00	1.00	1.00
1	6	11	0.00	0.15	0.74	0.82	1.00	1.00	1.00
1	6	12	0.00	0.26	0.81	0.98	1.00	1.00	1.00
1	6	13	0.00	0.33	0.82	1.00	1.00	1.00	1.00
1	6	14	0.00	0.41	0.77	0.95	1.00	1.00	1.00
1	6	15	0.00	0.44	0.66	0.80	1.00	1.00	1.00
1	6	16	0.00	0.52	0.44	0.45	1.00	1.00	1.00
1	6	17	0.00	0.70	0.11	0.00	1.00	1.00	1.00
1	6	18	0.00	0.85	0.00	0.00	1.00	1.00	1.00
1	6	19	0.00	0.95	0.00	0.00	1.00	1.00	1.00
1	6	20	0.00	0.92	0.00	0.00	1.00	1.00	1.00
1	6	21	0.00	0.91	0.00	0.00	1.00	1.00	1.00
1	6	22	0.05	0.88	0.00	0.00	1.00	1.00	1.00
1	6	23	0.12	0.87	0.00	0.00	1.00	1.00	1.00

1	6	24	0.19	0.85	0.00	0.00	1.00	1.00	1.00
1	7	1	0.22	0.79	0.00	0.00	1.00	1.00	1.00
1	7	2	0.24	0.65	0.00	0.00	1.00	1.00	1.00
1	7	3	0.21	0.66	0.00	0.00	1.00	1.00	1.00
1	7	4	0.17	0.81	0.00	0.00	1.00	1.00	1.00
1	7	5	0.15	0.82	0.00	0.00	1.00	1.00	1.00
1	7	6	0.13	0.83	0.00	0.00	1.00	1.00	1.00
1	7	7	0.11	0.71	0.00	0.19	1.00	1.00	1.00
1	7	8	0.09	0.42	0.08	0.74	1.00	1.00	1.00
1	7	9	0.07	0.17	0.37	0.94	1.00	1.00	1.00
1	7	10	0.06	0.09	0.61	1.00	1.00	1.00	1.00
1	7	11	0.05	0.13	0.75	1.00	1.00	1.00	1.00
1	7	12	0.05	0.16	0.83	1.00	1.00	1.00	1.00
1	7	13	0.05	0.27	0.85	1.00	1.00	1.00	1.00
1	7	14	0.05	0.38	0.81	0.97	1.00	1.00	1.00
1	7	15	0.05	0.42	0.69	0.79	1.00	1.00	1.00
1	7	16	0.05	0.45	0.46	0.37	1.00	1.00	1.00
1	7	17	0.07	0.46	0.12	0.00	1.00	1.00	1.00
1	7	18	0.11	0.48	0.00	0.00	1.00	1.00	1.00
1	7	19	0.06	0.56	0.00	0.00	1.00	1.00	1.00
1	7	20	0.05	0.65	0.00	0.00	1.00	1.00	1.00
1	7	21	0.05	0.76	0.00	0.00	1.00	1.00	1.00
1	7	22	0.05	0.86	0.00	0.00	1.00	1.00	1.00
1	7	23	0.05	0.93	0.00	0.00	1.00	1.00	1.00
1	7	24	0.05	0.92	0.00	0.00	1.00	1.00	1.00
1	8	1	0.05	0.90	0.00	0.00	1.00	1.00	1.00
1	8	2	0.05	0.88	0.00	0.00	1.00	1.00	1.00
1	8	3	0.05	0.85	0.00	0.00	1.00	1.00	1.00
1	8	4	0.05	0.83	0.00	0.00	1.00	1.00	1.00
1	8	5	0.05	0.84	0.00	0.00	1.00	1.00	1.00
1	8	6	0.05	0.83	0.00	0.00	1.00	1.00	1.00
1	8	7	0.05	0.78	0.00	0.18	1.00	1.00	1.00
1	8	8	0.05	0.75	0.08	0.74	1.00	1.00	1.00
1	8	9	0.05	0.71	0.37	0.93	1.00	1.00	1.00
1	8	10	0.05	0.67	0.60	1.00	1.00	1.00	1.00
1	8	11	0.05	0.64	0.75	1.00	1.00	1.00	1.00
1	8	12	0.06	0.59	0.82	1.00	1.00	1.00	1.00
1	8	13	0.08	0.54	0.84	1.00	1.00	1.00	1.00
1	8	14	0.10	0.50	0.80	0.99	1.00	1.00	1.00
1	8	15	0.13	0.44	0.68	0.79	1.00	1.00	1.00
1	8	16	0.14	0.28	0.46	0.40	1.00	1.00	1.00
1	8	17	0.17	0.07	0.14	0.00	1.00	1.00	1.00
1	8	18	0.22	0.01	0.00	0.00	1.00	1.00	1.00
1	8	19	0.27	0.01	0.00	0.00	1.00	1.00	1.00
1	8	20	0.27	0.02	0.00	0.00	1.00	1.00	1.00
1	8	21	0.25	0.05	0.00	0.00	1.00	1.00	1.00
1	8	22	0.20	0.08	0.00	0.00	1.00	1.00	1.00
1	8	23	0.17	0.15	0.00	0.00	1.00	1.00	1.00
1	8	24	0.11	0.13	0.00	0.00	1.00	1.00	1.00

1	9	1	0.06	0.03	0.00	0.00	1.00	1.00	1.00
1	9	2	0.04	0.01	0.00	0.00	1.00	1.00	1.00
1	9	3	0.03	0.01	0.00	0.00	1.00	1.00	1.00
1	9	4	0.01	0.01	0.00	0.00	1.00	1.00	1.00
1	9	5	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	9	6	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	9	7	0.00	0.01	0.00	0.19	1.00	1.00	1.00
1	9	8	0.00	0.02	0.08	0.72	1.00	1.00	1.00
1	9	9	0.00	0.02	0.36	0.92	1.00	1.00	1.00
1	9	10	0.00	0.01	0.59	1.00	1.00	1.00	1.00
1	9	11	0.00	0.01	0.73	1.00	1.00	1.00	1.00
1	9	12	0.00	0.02	0.80	1.00	1.00	1.00	1.00
1	9	13	0.00	0.05	0.82	1.00	1.00	1.00	1.00
1	9	14	0.00	0.07	0.77	0.93	1.00	1.00	1.00
1	9	15	0.00	0.08	0.65	0.77	1.00	1.00	1.00
1	9	16	0.00	0.12	0.44	0.42	1.00	1.00	1.00
1	9	17	0.00	0.20	0.13	0.00	1.00	1.00	1.00
1	9	18	0.01	0.21	0.00	0.00	1.00	1.00	1.00
1	9	19	0.04	0.22	0.00	0.00	1.00	1.00	1.00
1	9	20	0.07	0.30	0.00	0.00	1.00	1.00	1.00
1	9	21	0.10	0.41	0.00	0.00	1.00	1.00	1.00
1	9	22	0.14	0.49	0.00	0.00	1.00	1.00	1.00
1	9	23	0.17	0.56	0.00	0.00	1.00	1.00	1.00
1	9	24	0.17	0.71	0.00	0.00	1.00	1.00	1.00
1	10	1	0.17	0.77	0.00	0.00	1.00	1.00	1.00
1	10	2	0.19	0.74	0.00	0.00	1.00	1.00	1.00
1	10	3	0.21	0.74	0.00	0.00	1.00	1.00	1.00
1	10	4	0.23	0.78	0.00	0.00	1.00	1.00	1.00
1	10	5	0.22	0.81	0.00	0.00	1.00	1.00	1.00
1	10	6	0.20	0.82	0.00	0.00	1.00	1.00	1.00
1	10	7	0.20	0.82	0.00	0.18	1.00	1.00	1.00
1	10	8	0.19	0.78	0.01	0.72	1.00	1.00	1.00
1	10	9	0.17	0.76	0.14	0.95	1.00	1.00	1.00
1	10	10	0.16	0.78	0.31	1.00	1.00	1.00	1.00
1	10	11	0.15	0.85	0.42	1.00	1.00	1.00	1.00
1	10	12	0.16	0.92	0.52	0.92	1.00	1.00	1.00
1	10	13	0.25	0.94	0.51	0.74	1.00	1.00	1.00
1	10	14	0.36	0.92	0.48	0.66	1.00	1.00	1.00
1	10	15	0.45	0.92	0.40	0.55	1.00	1.00	1.00
1	10	16	0.41	0.94	0.29	0.28	1.00	1.00	1.00
1	10	17	0.48	0.93	0.09	0.00	1.00	1.00	1.00
1	10	18	0.64	0.92	0.00	0.00	1.00	1.00	1.00
1	10	19	0.73	0.94	0.00	0.00	1.00	1.00	1.00
1	10	20	0.82	0.93	0.00	0.00	1.00	1.00	1.00
1	10	21	0.86	0.83	0.00	0.00	1.00	1.00	1.00
1	10	22	0.87	0.74	0.00	0.00	1.00	1.00	1.00
1	10	23	0.86	0.70	0.00	0.00	1.00	1.00	1.00
1	10	24	0.83	0.67	0.00	0.00	1.00	1.00	1.00
1	11	1	0.83	0.68	0.00	0.00	1.00	1.00	1.00

1	11	2	0.80	0.70	0.00	0.00	1.00	1.00	1.00
1	11	3	0.76	0.70	0.00	0.00	1.00	1.00	1.00
1	11	4	0.80	0.70	0.00	0.00	1.00	1.00	1.00
1	11	5	0.78	0.67	0.00	0.00	1.00	1.00	1.00
1	11	6	0.73	0.64	0.00	0.00	1.00	1.00	1.00
1	11	7	0.74	0.63	0.00	0.14	1.00	1.00	1.00
1	11	8	0.76	0.64	0.07	0.64	1.00	1.00	1.00
1	11	9	0.81	0.65	0.30	0.73	1.00	1.00	1.00
1	11	10	0.86	0.62	0.49	0.84	1.00	1.00	1.00
1	11	11	0.90	0.52	0.60	0.73	1.00	1.00	1.00
1	11	12	0.95	0.48	0.66	0.78	1.00	1.00	1.00
1	11	13	0.97	0.48	0.65	0.72	1.00	1.00	1.00
1	11	14	0.97	0.48	0.59	0.69	1.00	1.00	1.00
1	11	15	0.89	0.48	0.47	0.45	1.00	1.00	1.00
1	11	16	0.86	0.45	0.31	0.26	1.00	1.00	1.00
1	11	17	0.87	0.37	0.09	0.00	1.00	1.00	1.00
1	11	18	0.87	0.38	0.00	0.00	1.00	1.00	1.00
1	11	19	0.80	0.49	0.00	0.00	1.00	1.00	1.00
1	11	20	0.66	0.44	0.00	0.00	1.00	1.00	1.00
1	11	21	0.60	0.38	0.00	0.00	1.00	1.00	1.00
1	11	22	0.53	0.40	0.00	0.00	1.00	1.00	1.00
1	11	23	0.51	0.42	0.00	0.00	1.00	1.00	1.00
1	11	24	0.54	0.46	0.00	0.00	1.00	1.00	1.00
1	12	1	0.60	0.54	0.00	0.00	1.00	1.00	1.00
1	12	2	0.59	0.47	0.00	0.00	1.00	1.00	1.00
1	12	3	0.66	0.39	0.00	0.00	1.00	1.00	1.00
1	12	4	0.61	0.42	0.00	0.00	1.00	1.00	1.00
1	12	5	0.48	0.39	0.00	0.00	1.00	1.00	1.00
1	12	6	0.45	0.40	0.00	0.00	1.00	1.00	1.00
1	12	7	0.42	0.34	0.00	0.15	1.00	1.00	1.00
1	12	8	0.41	0.31	0.04	0.55	1.00	1.00	1.00
1	12	9	0.47	0.32	0.24	0.61	1.00	1.00	1.00
1	12	10	0.52	0.35	0.42	0.62	1.00	1.00	1.00
1	12	11	0.54	0.46	0.54	0.54	1.00	1.00	1.00
1	12	12	0.42	0.54	0.63	0.40	1.00	1.00	1.00
1	12	13	0.33	0.62	0.70	0.29	1.00	1.00	1.00
1	12	14	0.31	0.62	0.68	0.30	1.00	1.00	1.00
1	12	15	0.31	0.59	0.61	0.33	1.00	1.00	1.00
1	12	16	0.31	0.56	0.43	0.17	1.00	1.00	1.00
1	12	17	0.33	0.50	0.13	0.00	1.00	1.00	1.00
1	12	18	0.37	0.40	0.00	0.00	1.00	1.00	1.00
1	12	19	0.40	0.22	0.00	0.00	1.00	1.00	1.00
1	12	20	0.40	0.25	0.00	0.00	1.00	1.00	1.00
1	12	21	0.40	0.31	0.00	0.00	1.00	1.00	1.00
1	12	22	0.46	0.35	0.00	0.00	1.00	1.00	1.00
1	12	23	0.48	0.38	0.00	0.00	1.00	1.00	1.00
1	12	24	0.47	0.37	0.00	0.00	1.00	1.00	1.00
1	13	1	0.44	0.45	0.00	0.00	1.00	1.00	1.00
1	13	2	0.42	0.55	0.00	0.00	1.00	1.00	1.00

1	13	3	0.38	0.62	0.00	0.00	1.00	1.00	1.00
1	13	4	0.36	0.65	0.00	0.00	1.00	1.00	1.00
1	13	5	0.42	0.65	0.00	0.00	1.00	1.00	1.00
1	13	6	0.43	0.68	0.00	0.00	1.00	1.00	1.00
1	13	7	0.40	0.70	0.00	0.09	1.00	1.00	1.00
1	13	8	0.39	0.73	0.07	0.39	1.00	1.00	1.00
1	13	9	0.29	0.64	0.33	0.47	1.00	1.00	1.00
1	13	10	0.30	0.69	0.57	0.51	1.00	1.00	1.00
1	13	11	0.23	0.88	0.72	0.44	1.00	1.00	1.00
1	13	12	0.17	0.92	0.82	0.47	1.00	1.00	1.00
1	13	13	0.12	0.91	0.86	0.47	1.00	1.00	1.00
1	13	14	0.13	0.83	0.82	0.53	1.00	1.00	1.00
1	13	15	0.12	0.79	0.72	0.42	1.00	1.00	1.00
1	13	16	0.12	0.57	0.50	0.15	1.00	1.00	1.00
1	13	17	0.10	0.41	0.15	0.00	1.00	1.00	1.00
1	13	18	0.10	0.49	0.00	0.00	1.00	1.00	1.00
1	13	19	0.10	0.55	0.00	0.00	1.00	1.00	1.00
1	13	20	0.08	0.55	0.00	0.00	1.00	1.00	1.00
1	13	21	0.06	0.50	0.00	0.00	1.00	1.00	1.00
1	13	22	0.08	0.52	0.00	0.00	1.00	1.00	1.00
1	13	23	0.07	0.50	0.00	0.00	1.00	1.00	1.00
1	13	24	0.06	0.56	0.00	0.00	1.00	1.00	1.00
1	14	1	0.04	0.60	0.00	0.00	1.00	1.00	1.00
1	14	2	0.01	0.64	0.00	0.00	1.00	1.00	1.00
1	14	3	0.00	0.74	0.00	0.00	1.00	1.00	1.00
1	14	4	0.00	0.74	0.00	0.00	1.00	1.00	1.00
1	14	5	0.00	0.76	0.00	0.00	1.00	1.00	1.00
1	14	6	0.00	0.80	0.00	0.00	1.00	1.00	1.00
1	14	7	0.00	0.83	0.00	0.15	1.00	1.00	1.00
1	14	8	0.00	0.89	0.08	0.39	1.00	1.00	1.00
1	14	9	0.00	0.94	0.38	0.56	1.00	1.00	1.00
1	14	10	0.00	0.95	0.64	0.53	1.00	1.00	1.00
1	14	11	0.02	0.90	0.80	0.62	1.00	1.00	1.00
1	14	12	0.04	0.84	0.88	0.68	1.00	1.00	1.00
1	14	13	0.06	0.84	0.89	0.74	1.00	1.00	1.00
1	14	14	0.09	0.82	0.84	0.81	1.00	1.00	1.00
1	14	15	0.12	0.78	0.71	0.62	1.00	1.00	1.00
1	14	16	0.13	0.71	0.48	0.31	1.00	1.00	1.00
1	14	17	0.17	0.56	0.14	0.00	1.00	1.00	1.00
1	14	18	0.25	0.43	0.00	0.00	1.00	1.00	1.00
1	14	19	0.32	0.32	0.00	0.00	1.00	1.00	1.00
1	14	20	0.31	0.11	0.00	0.00	1.00	1.00	1.00
1	14	21	0.31	0.05	0.00	0.00	1.00	1.00	1.00
1	14	22	0.32	0.11	0.00	0.00	1.00	1.00	1.00
1	14	23	0.34	0.18	0.00	0.00	1.00	1.00	1.00
1	14	24	0.36	0.15	0.00	0.00	1.00	1.00	1.00
1	15	1	0.34	0.15	0.00	0.00	1.00	1.00	1.00
1	15	2	0.32	0.13	0.00	0.00	1.00	1.00	1.00
1	15	3	0.31	0.06	0.00	0.00	1.00	1.00	1.00

1	15	4	0.33	0.05	0.00	0.00	1.00	1.00	1.00
1	15	5	0.33	0.04	0.00	0.00	1.00	1.00	1.00
1	15	6	0.28	0.04	0.00	0.00	1.00	1.00	1.00
1	15	7	0.26	0.04	0.00	0.13	1.00	1.00	1.00
1	15	8	0.26	0.03	0.08	0.59	1.00	1.00	1.00
1	15	9	0.22	0.02	0.38	0.77	1.00	1.00	1.00
1	15	10	0.24	0.02	0.63	0.87	1.00	1.00	1.00
1	15	11	0.25	0.01	0.79	0.91	1.00	1.00	1.00
1	15	12	0.28	0.01	0.87	0.95	1.00	1.00	1.00
1	15	13	0.31	0.00	0.89	0.92	1.00	1.00	1.00
1	15	14	0.32	0.00	0.84	0.87	1.00	1.00	1.00
1	15	15	0.30	0.01	0.73	0.73	1.00	1.00	1.00
1	15	16	0.28	0.02	0.51	0.43	1.00	1.00	1.00
1	15	17	0.30	0.04	0.14	0.01	1.00	1.00	1.00
1	15	18	0.31	0.04	0.00	0.00	1.00	1.00	1.00
1	15	19	0.31	0.03	0.00	0.00	1.00	1.00	1.00
1	15	20	0.30	0.03	0.00	0.00	1.00	1.00	1.00
1	15	21	0.29	0.04	0.00	0.00	1.00	1.00	1.00
1	15	22	0.27	0.04	0.00	0.00	1.00	1.00	1.00
1	15	23	0.25	0.03	0.00	0.00	1.00	1.00	1.00
1	15	24	0.24	0.02	0.00	0.00	1.00	1.00	1.00
1	16	1	0.24	0.02	0.00	0.00	1.00	1.00	1.00
1	16	2	0.21	0.02	0.00	0.00	1.00	1.00	1.00
1	16	3	0.18	0.02	0.00	0.00	1.00	1.00	1.00
1	16	4	0.16	0.03	0.00	0.00	1.00	1.00	1.00
1	16	5	0.15	0.03	0.00	0.00	1.00	1.00	1.00
1	16	6	0.16	0.03	0.00	0.00	1.00	1.00	1.00
1	16	7	0.15	0.03	0.00	0.22	1.00	1.00	1.00
1	16	8	0.13	0.02	0.08	0.56	1.00	1.00	1.00
1	16	9	0.09	0.02	0.37	0.77	1.00	1.00	1.00
1	16	10	0.09	0.02	0.62	0.86	1.00	1.00	1.00
1	16	11	0.11	0.03	0.77	0.78	1.00	1.00	1.00
1	16	12	0.13	0.04	0.85	0.74	1.00	1.00	1.00
1	16	13	0.13	0.04	0.87	0.73	1.00	1.00	1.00
1	16	14	0.08	0.05	0.82	0.72	1.00	1.00	1.00
1	16	15	0.05	0.05	0.70	0.53	1.00	1.00	1.00
1	16	16	0.03	0.05	0.48	0.26	1.00	1.00	1.00
1	16	17	0.00	0.06	0.13	0.00	1.00	1.00	1.00
1	16	18	0.00	0.07	0.00	0.00	1.00	1.00	1.00
1	16	19	0.00	0.06	0.00	0.00	1.00	1.00	1.00
1	16	20	0.00	0.05	0.00	0.00	1.00	1.00	1.00
1	16	21	0.00	0.03	0.00	0.00	1.00	1.00	1.00
1	16	22	0.00	0.02	0.00	0.00	1.00	1.00	1.00
1	16	23	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	16	24	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	17	1	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	17	2	0.00	0.03	0.00	0.00	1.00	1.00	1.00
1	17	3	0.00	0.05	0.00	0.00	1.00	1.00	1.00
1	17	4	0.00	0.06	0.00	0.00	1.00	1.00	1.00

1	17	5	0.00	0.06	0.00	0.00	1.00	1.00	1.00
1	17	6	0.00	0.11	0.00	0.00	1.00	1.00	1.00
1	17	7	0.00	0.18	0.00	0.11	1.00	1.00	1.00
1	17	8	0.00	0.19	0.08	0.46	1.00	1.00	1.00
1	17	9	0.00	0.18	0.34	0.71	1.00	1.00	1.00
1	17	10	0.01	0.24	0.58	0.83	1.00	1.00	1.00
1	17	11	0.02	0.29	0.71	0.92	1.00	1.00	1.00
1	17	12	0.05	0.37	0.74	0.95	1.00	1.00	1.00
1	17	13	0.07	0.46	0.80	0.90	1.00	1.00	1.00
1	17	14	0.09	0.55	0.75	0.73	1.00	1.00	1.00
1	17	15	0.11	0.58	0.66	0.45	1.00	1.00	1.00
1	17	16	0.09	0.58	0.49	0.25	1.00	1.00	1.00
1	17	17	0.17	0.59	0.13	0.00	1.00	1.00	1.00
1	17	18	0.25	0.60	0.00	0.00	1.00	1.00	1.00
1	17	19	0.24	0.61	0.00	0.00	1.00	1.00	1.00
1	17	20	0.23	0.66	0.00	0.00	1.00	1.00	1.00
1	17	21	0.24	0.70	0.00	0.00	1.00	1.00	1.00
1	17	22	0.31	0.72	0.00	0.00	1.00	1.00	1.00
1	17	23	0.31	0.71	0.00	0.00	1.00	1.00	1.00
1	17	24	0.30	0.67	0.00	0.00	1.00	1.00	1.00
1	18	1	0.33	0.64	0.00	0.00	1.00	1.00	1.00
1	18	2	0.38	0.61	0.00	0.00	1.00	1.00	1.00
1	18	3	0.39	0.60	0.00	0.00	1.00	1.00	1.00
1	18	4	0.38	0.57	0.00	0.00	1.00	1.00	1.00
1	18	5	0.37	0.52	0.00	0.00	1.00	1.00	1.00
1	18	6	0.36	0.47	0.00	0.00	1.00	1.00	1.00
1	18	7	0.38	0.44	0.00	0.01	1.00	1.00	1.00
1	18	8	0.39	0.45	0.08	0.12	1.00	1.00	1.00
1	18	9	0.37	0.37	0.38	0.14	1.00	1.00	1.00
1	18	10	0.36	0.17	0.62	0.22	1.00	1.00	1.00
1	18	11	0.35	0.03	0.78	0.21	1.00	1.00	1.00
1	18	12	0.36	0.00	0.85	0.21	1.00	1.00	1.00
1	18	13	0.37	0.00	0.86	0.23	1.00	1.00	1.00
1	18	14	0.42	0.01	0.81	0.27	1.00	1.00	1.00
1	18	15	0.49	0.02	0.73	0.16	1.00	1.00	1.00
1	18	16	0.53	0.02	0.52	0.10	1.00	1.00	1.00
1	18	17	0.54	0.03	0.14	0.00	1.00	1.00	1.00
1	18	18	0.54	0.02	0.00	0.00	1.00	1.00	1.00
1	18	19	0.56	0.01	0.00	0.00	1.00	1.00	1.00
1	18	20	0.60	0.03	0.00	0.00	1.00	1.00	1.00
1	18	21	0.57	0.10	0.00	0.00	1.00	1.00	1.00
1	18	22	0.51	0.06	0.00	0.00	1.00	1.00	1.00
1	18	23	0.42	0.02	0.00	0.00	1.00	1.00	1.00
1	18	24	0.39	0.02	0.00	0.00	1.00	1.00	1.00
1	19	1	0.33	0.00	0.00	0.00	1.00	1.00	1.00
1	19	2	0.32	0.00	0.00	0.00	1.00	1.00	1.00
1	19	3	0.31	0.00	0.00	0.00	1.00	1.00	1.00
1	19	4	0.30	0.00	0.00	0.00	1.00	1.00	1.00
1	19	5	0.30	0.00	0.00	0.00	1.00	1.00	1.00

1	19	6	0.30	0.01	0.00	0.00	1.00	1.00	1.00
1	19	7	0.28	0.03	0.00	0.00	1.00	1.00	1.00
1	19	8	0.25	0.03	0.05	0.05	1.00	1.00	1.00
1	19	9	0.20	0.01	0.30	0.10	1.00	1.00	1.00
1	19	10	0.20	0.00	0.50	0.16	1.00	1.00	1.00
1	19	11	0.21	0.00	0.59	0.16	1.00	1.00	1.00
1	19	12	0.21	0.00	0.62	0.15	1.00	1.00	1.00
1	19	13	0.20	0.00	0.59	0.12	1.00	1.00	1.00
1	19	14	0.18	0.00	0.53	0.09	1.00	1.00	1.00
1	19	15	0.13	0.00	0.45	0.03	1.00	1.00	1.00
1	19	16	0.09	0.01	0.33	0.07	1.00	1.00	1.00
1	19	17	0.11	0.03	0.08	0.00	1.00	1.00	1.00
1	19	18	0.18	0.03	0.00	0.00	1.00	1.00	1.00
1	19	19	0.19	0.04	0.00	0.00	1.00	1.00	1.00
1	19	20	0.17	0.03	0.00	0.00	1.00	1.00	1.00
1	19	21	0.12	0.04	0.00	0.00	1.00	1.00	1.00
1	19	22	0.08	0.03	0.00	0.00	1.00	1.00	1.00
1	19	23	0.06	0.02	0.00	0.00	1.00	1.00	1.00
1	19	24	0.06	0.01	0.00	0.00	1.00	1.00	1.00
1	20	1	0.05	0.01	0.00	0.00	1.00	1.00	1.00
1	20	2	0.02	0.00	0.00	0.00	1.00	1.00	1.00
1	20	3	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	20	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	20	5	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	20	6	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	20	7	0.00	0.00	0.00	0.03	1.00	1.00	1.00
1	20	8	0.00	0.00	0.08	0.14	1.00	1.00	1.00
1	20	9	0.00	0.03	0.36	0.16	1.00	1.00	1.00
1	20	10	0.00	0.12	0.58	0.25	1.00	1.00	1.00
1	20	11	0.00	0.36	0.74	0.13	1.00	1.00	1.00
1	20	12	0.00	0.63	0.84	0.25	1.00	1.00	1.00
1	20	13	0.00	0.78	0.85	0.34	1.00	1.00	1.00
1	20	14	0.00	0.89	0.82	0.31	1.00	1.00	1.00
1	20	15	0.04	0.97	0.71	0.25	1.00	1.00	1.00
1	20	16	0.14	0.99	0.49	0.33	1.00	1.00	1.00
1	20	17	0.23	0.99	0.13	0.01	1.00	1.00	1.00
1	20	18	0.25	0.99	0.00	0.00	1.00	1.00	1.00
1	20	19	0.22	0.95	0.00	0.00	1.00	1.00	1.00
1	20	20	0.23	0.85	0.00	0.00	1.00	1.00	1.00
1	20	21	0.24	0.80	0.00	0.00	1.00	1.00	1.00
1	20	22	0.22	0.68	0.00	0.00	1.00	1.00	1.00
1	20	23	0.16	0.58	0.00	0.00	1.00	1.00	1.00
1	20	24	0.16	0.55	0.00	0.00	1.00	1.00	1.00
1	21	1	0.18	0.54	0.00	0.00	1.00	1.00	1.00
1	21	2	0.13	0.57	0.00	0.00	1.00	1.00	1.00
1	21	3	0.13	0.60	0.00	0.00	1.00	1.00	1.00
1	21	4	0.10	0.63	0.00	0.00	1.00	1.00	1.00
1	21	5	0.10	0.65	0.00	0.00	1.00	1.00	1.00
1	21	6	0.21	0.63	0.00	0.00	1.00	1.00	1.00

1	21	7	0.37	0.62	0.00	0.14	1.00	1.00	1.00
1	21	8	0.41	0.63	0.09	0.35	1.00	1.00	1.00
1	21	9	0.55	0.52	0.38	0.44	1.00	1.00	1.00
1	21	10	0.72	0.38	0.63	0.61	1.00	1.00	1.00
1	21	11	0.90	0.32	0.78	0.61	1.00	1.00	1.00
1	21	12	0.95	0.26	0.86	0.52	1.00	1.00	1.00
1	21	13	0.97	0.17	0.86	0.56	1.00	1.00	1.00
1	21	14	0.96	0.12	0.83	0.50	1.00	1.00	1.00
1	21	15	0.96	0.13	0.74	0.43	1.00	1.00	1.00
1	21	16	0.87	0.12	0.52	0.39	1.00	1.00	1.00
1	21	17	0.73	0.08	0.13	0.02	1.00	1.00	1.00
1	21	18	0.60	0.07	0.00	0.00	1.00	1.00	1.00
1	21	19	0.58	0.10	0.00	0.00	1.00	1.00	1.00
1	21	20	0.68	0.24	0.00	0.00	1.00	1.00	1.00
1	21	21	0.68	0.31	0.00	0.00	1.00	1.00	1.00
1	21	22	0.63	0.21	0.00	0.00	1.00	1.00	1.00
1	21	23	0.55	0.18	0.00	0.00	1.00	1.00	1.00
1	21	24	0.51	0.21	0.00	0.00	1.00	1.00	1.00
1	22	1	0.51	0.29	0.00	0.00	1.00	1.00	1.00
1	22	2	0.55	0.29	0.00	0.00	1.00	1.00	1.00
1	22	3	0.51	0.26	0.00	0.00	1.00	1.00	1.00
1	22	4	0.43	0.20	0.00	0.00	1.00	1.00	1.00
1	22	5	0.40	0.17	0.00	0.00	1.00	1.00	1.00
1	22	6	0.38	0.15	0.00	0.00	1.00	1.00	1.00
1	22	7	0.34	0.12	0.00	0.09	1.00	1.00	1.00
1	22	8	0.29	0.09	0.09	0.14	1.00	1.00	1.00
1	22	9	0.23	0.10	0.39	0.19	1.00	1.00	1.00
1	22	10	0.22	0.07	0.63	0.33	1.00	1.00	1.00
1	22	11	0.21	0.06	0.78	0.27	1.00	1.00	1.00
1	22	12	0.20	0.05	0.86	0.29	1.00	1.00	1.00
1	22	13	0.19	0.04	0.87	0.41	1.00	1.00	1.00
1	22	14	0.16	0.04	0.84	0.47	1.00	1.00	1.00
1	22	15	0.16	0.04	0.74	0.39	1.00	1.00	1.00
1	22	16	0.16	0.04	0.54	0.39	1.00	1.00	1.00
1	22	17	0.17	0.04	0.15	0.02	1.00	1.00	1.00
1	22	18	0.21	0.05	0.00	0.00	1.00	1.00	1.00
1	22	19	0.25	0.07	0.00	0.00	1.00	1.00	1.00
1	22	20	0.23	0.11	0.00	0.00	1.00	1.00	1.00
1	22	21	0.22	0.15	0.00	0.00	1.00	1.00	1.00
1	22	22	0.20	0.20	0.00	0.00	1.00	1.00	1.00
1	22	23	0.19	0.23	0.00	0.00	1.00	1.00	1.00
1	22	24	0.19	0.14	0.00	0.00	1.00	1.00	1.00
1	23	1	0.18	0.10	0.00	0.00	1.00	1.00	1.00
1	23	2	0.13	0.08	0.00	0.00	1.00	1.00	1.00
1	23	3	0.11	0.08	0.00	0.00	1.00	1.00	1.00
1	23	4	0.13	0.09	0.00	0.00	1.00	1.00	1.00
1	23	5	0.12	0.09	0.00	0.00	1.00	1.00	1.00
1	23	6	0.11	0.11	0.00	0.00	1.00	1.00	1.00
1	23	7	0.11	0.08	0.00	0.15	1.00	1.00	1.00

1	23	8	0.11	0.05	0.09	0.37	1.00	1.00	1.00
1	23	9	0.09	0.04	0.38	0.49	1.00	1.00	1.00
1	23	10	0.07	0.02	0.62	0.47	1.00	1.00	1.00
1	23	11	0.07	0.02	0.78	0.55	1.00	1.00	1.00
1	23	12	0.08	0.02	0.85	0.58	1.00	1.00	1.00
1	23	13	0.08	0.02	0.86	0.56	1.00	1.00	1.00
1	23	14	0.09	0.03	0.83	0.61	1.00	1.00	1.00
1	23	15	0.10	0.04	0.73	0.59	1.00	1.00	1.00
1	23	16	0.11	0.04	0.53	0.46	1.00	1.00	1.00
1	23	17	0.13	0.04	0.14	0.03	1.00	1.00	1.00
1	23	18	0.16	0.07	0.00	0.00	1.00	1.00	1.00
1	23	19	0.18	0.11	0.00	0.00	1.00	1.00	1.00
1	23	20	0.19	0.15	0.00	0.00	1.00	1.00	1.00
1	23	21	0.23	0.12	0.00	0.00	1.00	1.00	1.00
1	23	22	0.23	0.13	0.00	0.00	1.00	1.00	1.00
1	23	23	0.20	0.17	0.00	0.00	1.00	1.00	1.00
1	23	24	0.16	0.21	0.00	0.00	1.00	1.00	1.00
1	24	1	0.25	0.28	0.00	0.00	1.00	1.00	1.00
1	24	2	0.31	0.32	0.00	0.00	1.00	1.00	1.00
1	24	3	0.28	0.30	0.00	0.00	1.00	1.00	1.00
1	24	4	0.22	0.28	0.00	0.00	1.00	1.00	1.00
1	24	5	0.18	0.26	0.00	0.00	1.00	1.00	1.00
1	24	6	0.16	0.26	0.00	0.00	1.00	1.00	1.00
1	24	7	0.08	0.22	0.00	0.18	1.00	1.00	1.00
1	24	8	0.06	0.11	0.09	0.52	1.00	1.00	1.00
1	24	9	0.03	0.08	0.38	0.71	1.00	1.00	1.00
1	24	10	0.03	0.07	0.62	0.75	1.00	1.00	1.00
1	24	11	0.03	0.09	0.77	0.80	1.00	1.00	1.00
1	24	12	0.04	0.11	0.86	0.88	1.00	1.00	1.00
1	24	13	0.04	0.14	0.87	0.88	1.00	1.00	1.00
1	24	14	0.04	0.16	0.83	0.89	1.00	1.00	1.00
1	24	15	0.05	0.16	0.73	0.77	1.00	1.00	1.00
1	24	16	0.05	0.18	0.52	0.60	1.00	1.00	1.00
1	24	17	0.03	0.19	0.14	0.04	1.00	1.00	1.00
1	24	18	0.02	0.20	0.00	0.00	1.00	1.00	1.00
1	24	19	0.00	0.18	0.00	0.00	1.00	1.00	1.00
1	24	20	0.00	0.14	0.00	0.00	1.00	1.00	1.00
1	24	21	0.00	0.11	0.00	0.00	1.00	1.00	1.00
1	24	22	0.00	0.09	0.00	0.00	1.00	1.00	1.00
1	24	23	0.00	0.10	0.00	0.00	1.00	1.00	1.00
1	24	24	0.00	0.10	0.00	0.00	1.00	1.00	1.00
1	25	1	0.00	0.09	0.00	0.00	1.00	1.00	1.00
1	25	2	0.00	0.09	0.00	0.00	1.00	1.00	1.00
1	25	3	0.00	0.11	0.00	0.00	1.00	1.00	1.00
1	25	4	0.00	0.10	0.00	0.00	1.00	1.00	1.00
1	25	5	0.00	0.06	0.00	0.00	1.00	1.00	1.00
1	25	6	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	25	7	0.00	0.02	0.00	0.22	1.00	1.00	1.00
1	25	8	0.00	0.01	0.09	0.63	1.00	1.00	1.00

1	25	9	0.00	0.00	0.38	0.80	1.00	1.00	1.00
1	25	10	0.00	0.00	0.61	0.92	1.00	1.00	1.00
1	25	11	0.00	0.00	0.77	0.95	1.00	1.00	1.00
1	25	12	0.00	0.00	0.85	0.98	1.00	1.00	1.00
1	25	13	0.00	0.00	0.87	1.00	1.00	1.00	1.00
1	25	14	0.00	0.00	0.84	0.96	1.00	1.00	1.00
1	25	15	0.00	0.00	0.73	0.83	1.00	1.00	1.00
1	25	16	0.00	0.00	0.53	0.64	1.00	1.00	1.00
1	25	17	0.00	0.00	0.15	0.06	1.00	1.00	1.00
1	25	18	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	25	19	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	25	20	0.00	0.00	0.00	0.00	1.00	1.00	1.00
1	25	21	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	25	22	0.00	0.02	0.00	0.00	1.00	1.00	1.00
1	25	23	0.00	0.03	0.00	0.00	1.00	1.00	1.00
1	25	24	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	26	1	0.00	0.05	0.00	0.00	1.00	1.00	1.00
1	26	2	0.00	0.06	0.00	0.00	1.00	1.00	1.00
1	26	3	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	26	4	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	26	5	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	26	6	0.00	0.04	0.00	0.00	1.00	1.00	1.00
1	26	7	0.00	0.02	0.00	0.11	1.00	1.00	1.00
1	26	8	0.00	0.00	0.09	0.36	1.00	1.00	1.00
1	26	9	0.00	0.00	0.36	0.67	1.00	1.00	1.00
1	26	10	0.00	0.01	0.60	0.62	1.00	1.00	1.00
1	26	11	0.00	0.03	0.76	0.59	1.00	1.00	1.00
1	26	12	0.00	0.09	0.85	0.61	1.00	1.00	1.00
1	26	13	0.00	0.21	0.86	0.66	1.00	1.00	1.00
1	26	14	0.02	0.41	0.81	0.73	1.00	1.00	1.00
1	26	15	0.09	0.60	0.68	0.54	1.00	1.00	1.00
1	26	16	0.20	0.71	0.47	0.53	1.00	1.00	1.00
1	26	17	0.22	0.82	0.15	0.04	1.00	1.00	1.00
1	26	18	0.22	0.93	0.00	0.00	1.00	1.00	1.00
1	26	19	0.18	0.93	0.00	0.00	1.00	1.00	1.00
1	26	20	0.16	0.86	0.00	0.00	1.00	1.00	1.00
1	26	21	0.17	0.79	0.00	0.00	1.00	1.00	1.00
1	26	22	0.12	0.74	0.00	0.00	1.00	1.00	1.00
1	26	23	0.12	0.73	0.00	0.00	1.00	1.00	1.00
1	26	24	0.13	0.70	0.00	0.00	1.00	1.00	1.00
1	27	1	0.12	0.61	0.00	0.00	1.00	1.00	1.00
1	27	2	0.10	0.47	0.00	0.00	1.00	1.00	1.00
1	27	3	0.08	0.27	0.00	0.00	1.00	1.00	1.00
1	27	4	0.06	0.19	0.00	0.00	1.00	1.00	1.00
1	27	5	0.06	0.31	0.00	0.00	1.00	1.00	1.00
1	27	6	0.05	0.26	0.00	0.00	1.00	1.00	1.00
1	27	7	0.06	0.11	0.00	0.23	1.00	1.00	1.00
1	27	8	0.06	0.02	0.04	0.76	1.00	1.00	1.00
1	27	9	0.00	0.02	0.23	0.92	1.00	1.00	1.00

1	27	10	0.00	0.01	0.41	0.99	1.00	1.00	1.00
1	27	11	0.00	0.01	0.49	1.00	1.00	1.00	1.00
1	27	12	0.00	0.02	0.54	1.00	1.00	1.00	1.00
1	27	13	0.00	0.01	0.57	1.00	1.00	1.00	1.00
1	27	14	0.00	0.01	0.51	1.00	1.00	1.00	1.00
1	27	15	0.02	0.00	0.47	0.91	1.00	1.00	1.00
1	27	16	0.07	0.01	0.34	0.68	1.00	1.00	1.00
1	27	17	0.15	0.03	0.11	0.07	1.00	1.00	1.00
1	27	18	0.20	0.03	0.00	0.00	1.00	1.00	1.00
1	27	19	0.12	0.02	0.00	0.00	1.00	1.00	1.00
1	27	20	0.06	0.01	0.00	0.00	1.00	1.00	1.00
1	27	21	0.07	0.01	0.00	0.00	1.00	1.00	1.00
1	27	22	0.08	0.01	0.00	0.00	1.00	1.00	1.00
1	27	23	0.06	0.03	0.00	0.00	1.00	1.00	1.00
1	27	24	0.03	0.03	0.00	0.00	1.00	1.00	1.00
1	28	1	0.00	0.03	0.00	0.00	1.00	1.00	1.00
1	28	2	0.00	0.02	0.00	0.00	1.00	1.00	1.00
1	28	3	0.01	0.01	0.00	0.00	1.00	1.00	1.00
1	28	4	0.04	0.01	0.00	0.00	1.00	1.00	1.00
1	28	5	0.06	0.03	0.00	0.00	1.00	1.00	1.00
1	28	6	0.06	0.06	0.00	0.00	1.00	1.00	1.00
1	28	7	0.05	0.10	0.00	0.16	1.00	1.00	1.00
1	28	8	0.04	0.13	0.06	0.44	1.00	1.00	1.00
1	28	9	0.04	0.13	0.27	0.61	1.00	1.00	1.00
1	28	10	0.07	0.15	0.46	0.67	1.00	1.00	1.00
1	28	11	0.11	0.22	0.51	0.77	1.00	1.00	1.00
1	28	12	0.12	0.30	0.55	0.84	1.00	1.00	1.00
1	28	13	0.12	0.33	0.50	0.98	1.00	1.00	1.00
1	28	14	0.12	0.32	0.48	1.00	1.00	1.00	1.00
1	28	15	0.13	0.31	0.39	0.86	1.00	1.00	1.00
1	28	16	0.19	0.34	0.28	0.66	1.00	1.00	1.00
1	28	17	0.27	0.44	0.08	0.07	1.00	1.00	1.00
1	28	18	0.31	0.50	0.00	0.00	1.00	1.00	1.00
1	28	19	0.26	0.51	0.00	0.00	1.00	1.00	1.00
1	28	20	0.22	0.53	0.00	0.00	1.00	1.00	1.00
1	28	21	0.19	0.56	0.00	0.00	1.00	1.00	1.00
1	28	22	0.17	0.58	0.00	0.00	1.00	1.00	1.00
1	28	23	0.15	0.59	0.00	0.00	1.00	1.00	1.00
1	28	24	0.16	0.64	0.00	0.00	1.00	1.00	1.00
1	29	1	0.15	0.73	0.00	0.00	1.00	1.00	1.00
1	29	2	0.15	0.81	0.00	0.00	1.00	1.00	1.00
1	29	3	0.15	0.84	0.00	0.00	1.00	1.00	1.00
1	29	4	0.14	0.84	0.00	0.00	1.00	1.00	1.00
1	29	5	0.13	0.83	0.00	0.00	1.00	1.00	1.00
1	29	6	0.14	0.80	0.00	0.00	1.00	1.00	1.00
1	29	7	0.12	0.79	0.00	0.21	1.00	1.00	1.00
1	29	8	0.10	0.76	0.07	0.58	1.00	1.00	1.00
1	29	9	0.11	0.68	0.28	0.81	1.00	1.00	1.00
1	29	10	0.16	0.66	0.49	0.85	1.00	1.00	1.00

1	29	11	0.18	0.67	0.64	0.88	1.00	1.00	1.00
1	29	12	0.19	0.70	0.71	1.00	1.00	1.00	1.00
1	29	13	0.20	0.70	0.67	0.93	1.00	1.00	1.00
1	29	14	0.18	0.67	0.63	0.79	1.00	1.00	1.00
1	29	15	0.20	0.59	0.54	0.67	1.00	1.00	1.00
1	29	16	0.21	0.48	0.37	0.53	1.00	1.00	1.00
1	29	17	0.20	0.32	0.11	0.06	1.00	1.00	1.00
1	29	18	0.24	0.16	0.00	0.00	1.00	1.00	1.00
1	29	19	0.22	0.05	0.00	0.00	1.00	1.00	1.00
1	29	20	0.16	0.00	0.00	0.00	1.00	1.00	1.00
1	29	21	0.09	0.00	0.00	0.00	1.00	1.00	1.00
1	29	22	0.07	0.00	0.00	0.00	1.00	1.00	1.00
1	29	23	0.05	0.01	0.00	0.00	1.00	1.00	1.00
1	29	24	0.06	0.00	0.00	0.00	1.00	1.00	1.00
1	30	1	0.07	0.00	0.00	0.00	1.00	1.00	1.00
1	30	2	0.08	0.00	0.00	0.00	1.00	1.00	1.00
1	30	3	0.08	0.00	0.00	0.00	1.00	1.00	1.00
1	30	4	0.07	0.00	0.00	0.00	1.00	1.00	1.00
1	30	5	0.04	0.01	0.00	0.00	1.00	1.00	1.00
1	30	6	0.00	0.01	0.00	0.00	1.00	1.00	1.00
1	30	7	0.00	0.01	0.00	0.18	1.00	1.00	1.00
1	30	8	0.00	0.01	0.03	0.44	1.00	1.00	1.00
1	30	9	0.00	0.00	0.17	0.40	1.00	1.00	1.00
1	30	10	0.00	0.00	0.33	0.38	1.00	1.00	1.00
1	30	11	0.00	0.00	0.43	0.35	1.00	1.00	1.00
1	30	12	0.00	0.00	0.51	0.26	1.00	1.00	1.00
1	30	13	0.00	0.00	0.53	0.17	1.00	1.00	1.00
1	30	14	0.00	0.01	0.47	0.20	1.00	1.00	1.00
1	30	15	0.00	0.01	0.40	0.14	1.00	1.00	1.00
1	30	16	0.00	0.01	0.29	0.12	1.00	1.00	1.00
1	30	17	0.01	0.02	0.11	0.01	1.00	1.00	1.00
1	30	18	0.14	0.05	0.00	0.00	1.00	1.00	1.00
1	30	19	0.19	0.06	0.00	0.00	1.00	1.00	1.00
1	30	20	0.29	0.07	0.00	0.00	1.00	1.00	1.00
1	30	21	0.28	0.06	0.00	0.00	1.00	1.00	1.00
1	30	22	0.24	0.08	0.00	0.00	1.00	1.00	1.00
1	30	23	0.26	0.16	0.00	0.00	1.00	1.00	1.00
1	30	24	0.25	0.29	0.00	0.00	1.00	1.00	1.00
1	31	1	0.20	0.44	0.00	0.00	1.00	1.00	1.00
1	31	2	0.17	0.54	0.00	0.00	1.00	1.00	1.00
1	31	3	0.18	0.59	0.00	0.00	1.00	1.00	1.00
1	31	4	0.25	0.67	0.00	0.00	1.00	1.00	1.00
1	31	5	0.34	0.70	0.00	0.00	1.00	1.00	1.00
1	31	6	0.39	0.72	0.00	0.00	1.00	1.00	1.00
1	31	7	0.44	0.74	0.00	0.28	1.00	1.00	1.00
1	31	8	0.41	0.77	0.06	0.59	1.00	1.00	1.00
1	31	9	0.33	0.84	0.25	0.73	1.00	1.00	1.00
1	31	10	0.34	0.93	0.44	0.86	1.00	1.00	1.00
1	31	11	0.30	0.96	0.54	0.86	1.00	1.00	1.00

1	31	12	0.26	0.96	0.56	0.84	1.00	1.00	1.00
1	31	13	0.20	0.94	0.60	0.65	1.00	1.00	1.00
1	31	14	0.20	0.92	0.63	0.65	1.00	1.00	1.00
1	31	15	0.24	0.86	0.56	0.50	1.00	1.00	1.00
1	31	16	0.29	0.71	0.47	0.40	1.00	1.00	1.00
1	31	17	0.37	0.65	0.16	0.05	1.00	1.00	1.00
1	31	18	0.40	0.73	0.00	0.00	1.00	1.00	1.00
1	31	19	0.41	0.60	0.00	0.00	1.00	1.00	1.00
1	31	20	0.42	0.50	0.00	0.00	1.00	1.00	1.00
1	31	21	0.44	0.51	0.00	0.00	1.00	1.00	1.00
1	31	22	0.44	0.54	0.00	0.00	1.00	1.00	1.00
1	31	23	0.40	0.50	0.00	0.00	1.00	1.00	1.00
1	31	24	0.36	0.47	0.00	0.00	1.00	1.00	1.00
2	1	1	0.34	0.48	0.00	0.00	1.00	1.00	1.00
2	1	2	0.34	0.46	0.00	0.00	1.00	1.00	1.00
2	1	3	0.33	0.47	0.00	0.00	1.00	1.00	1.00
2	1	4	0.34	0.46	0.00	0.00	1.00	1.00	1.00
2	1	5	0.29	0.55	0.00	0.00	1.00	1.00	1.00
2	1	6	0.24	0.69	0.00	0.00	1.00	1.00	1.00
2	1	7	0.22	0.73	0.00	0.14	1.00	1.00	1.00
2	1	8	0.15	0.72	0.08	0.48	1.00	1.00	1.00
2	1	9	0.02	0.80	0.30	0.51	1.00	1.00	1.00
2	1	10	0.00	0.91	0.49	0.60	1.00	1.00	1.00
2	1	11	0.00	0.98	0.61	0.67	1.00	1.00	1.00
2	1	12	0.00	0.99	0.67	0.68	1.00	1.00	1.00
2	1	13	0.00	1.00	0.68	0.61	1.00	1.00	1.00
2	1	14	0.01	1.00	0.67	0.50	1.00	1.00	1.00
2	1	15	0.04	1.00	0.59	0.46	1.00	1.00	1.00
2	1	16	0.17	0.97	0.45	0.47	1.00	1.00	1.00
2	1	17	0.29	0.94	0.14	0.06	1.00	1.00	1.00
2	1	18	0.38	0.98	0.00	0.00	1.00	1.00	1.00
2	1	19	0.38	0.99	0.00	0.00	1.00	1.00	1.00
2	1	20	0.35	0.99	0.00	0.00	1.00	1.00	1.00
2	1	21	0.42	0.96	0.00	0.00	1.00	1.00	1.00
2	1	22	0.27	0.89	0.00	0.00	1.00	1.00	1.00
2	1	23	0.12	0.73	0.00	0.00	1.00	1.00	1.00
2	1	24	0.03	0.63	0.00	0.00	1.00	1.00	1.00
2	2	1	0.00	0.50	0.00	0.00	1.00	1.00	1.00
2	2	2	0.00	0.39	0.00	0.00	1.00	1.00	1.00
2	2	3	0.00	0.27	0.00	0.00	1.00	1.00	1.00
2	2	4	0.00	0.19	0.00	0.00	1.00	1.00	1.00
2	2	5	0.00	0.15	0.00	0.00	1.00	1.00	1.00
2	2	6	0.00	0.10	0.00	0.00	1.00	1.00	1.00
2	2	7	0.00	0.20	0.00	0.14	1.00	1.00	1.00
2	2	8	0.00	0.20	0.09	0.35	1.00	1.00	1.00
2	2	9	0.00	0.35	0.35	0.60	1.00	1.00	1.00
2	2	10	0.00	0.48	0.56	0.79	1.00	1.00	1.00
2	2	11	0.00	0.51	0.71	0.85	1.00	1.00	1.00
2	2	12	0.00	0.55	0.81	0.90	1.00	1.00	1.00

2	2	13	0.00	0.58	0.86	0.92	1.00	1.00	1.00
2	2	14	0.00	0.63	0.82	0.91	1.00	1.00	1.00
2	2	15	0.00	0.73	0.69	0.85	1.00	1.00	1.00
2	2	16	0.00	0.72	0.49	0.67	1.00	1.00	1.00
2	2	17	0.00	0.70	0.15	0.14	1.00	1.00	1.00
2	2	18	0.00	0.72	0.00	0.00	1.00	1.00	1.00
2	2	19	0.00	0.78	0.00	0.00	1.00	1.00	1.00
2	2	20	0.00	0.85	0.00	0.00	1.00	1.00	1.00
2	2	21	0.00	0.87	0.00	0.00	1.00	1.00	1.00
2	2	22	0.00	0.89	0.00	0.00	1.00	1.00	1.00
2	2	23	0.00	0.85	0.00	0.00	1.00	1.00	1.00
2	2	24	0.00	0.83	0.00	0.00	1.00	1.00	1.00
2	3	1	0.01	0.86	0.00	0.00	1.00	1.00	1.00
2	3	2	0.02	0.91	0.00	0.00	1.00	1.00	1.00
2	3	3	0.02	0.90	0.00	0.00	1.00	1.00	1.00
2	3	4	0.02	0.88	0.00	0.00	1.00	1.00	1.00
2	3	5	0.03	0.92	0.00	0.00	1.00	1.00	1.00
2	3	6	0.03	0.94	0.00	0.00	1.00	1.00	1.00
2	3	7	0.04	0.95	0.00	0.28	1.00	1.00	1.00
2	3	8	0.05	0.92	0.10	0.71	1.00	1.00	1.00
2	3	9	0.03	0.77	0.39	0.89	1.00	1.00	1.00
2	3	10	0.01	0.58	0.62	0.95	1.00	1.00	1.00
2	3	11	0.00	0.52	0.77	0.99	1.00	1.00	1.00
2	3	12	0.00	0.51	0.84	1.00	1.00	1.00	1.00
2	3	13	0.00	0.56	0.85	1.00	1.00	1.00	1.00
2	3	14	0.00	0.61	0.81	1.00	1.00	1.00	1.00
2	3	15	0.00	0.62	0.70	0.91	1.00	1.00	1.00
2	3	16	0.00	0.70	0.51	0.70	1.00	1.00	1.00
2	3	17	0.00	0.78	0.17	0.15	1.00	1.00	1.00
2	3	18	0.01	0.75	0.00	0.00	1.00	1.00	1.00
2	3	19	0.02	0.67	0.00	0.00	1.00	1.00	1.00
2	3	20	0.02	0.51	0.00	0.00	1.00	1.00	1.00
2	3	21	0.01	0.49	0.00	0.00	1.00	1.00	1.00
2	3	22	0.01	0.54	0.00	0.00	1.00	1.00	1.00
2	3	23	0.00	0.59	0.00	0.00	1.00	1.00	1.00
2	3	24	0.00	0.65	0.00	0.00	1.00	1.00	1.00
2	4	1	0.00	0.69	0.00	0.00	1.00	1.00	1.00
2	4	2	0.00	0.70	0.00	0.00	1.00	1.00	1.00
2	4	3	0.00	0.70	0.00	0.00	1.00	1.00	1.00
2	4	4	0.00	0.70	0.00	0.00	1.00	1.00	1.00
2	4	5	0.00	0.67	0.00	0.00	1.00	1.00	1.00
2	4	6	0.00	0.62	0.00	0.00	1.00	1.00	1.00
2	4	7	0.00	0.55	0.00	0.32	1.00	1.00	1.00
2	4	8	0.00	0.47	0.10	0.76	1.00	1.00	1.00
2	4	9	0.00	0.40	0.38	0.94	1.00	1.00	1.00
2	4	10	0.00	0.35	0.61	1.00	1.00	1.00	1.00
2	4	11	0.00	0.30	0.76	1.00	1.00	1.00	1.00
2	4	12	0.00	0.25	0.83	1.00	1.00	1.00	1.00
2	4	13	0.00	0.21	0.86	1.00	1.00	1.00	1.00

2	4	14	0.02	0.20	0.82	1.00	1.00	1.00	1.00
2	4	15	0.04	0.23	0.72	0.94	1.00	1.00	1.00
2	4	16	0.05	0.32	0.53	0.66	1.00	1.00	1.00
2	4	17	0.05	0.49	0.20	0.16	1.00	1.00	1.00
2	4	18	0.06	0.62	0.00	0.00	1.00	1.00	1.00
2	4	19	0.13	0.73	0.00	0.00	1.00	1.00	1.00
2	4	20	0.12	0.78	0.00	0.00	1.00	1.00	1.00
2	4	21	0.10	0.78	0.00	0.00	1.00	1.00	1.00
2	4	22	0.08	0.73	0.00	0.00	1.00	1.00	1.00
2	4	23	0.10	0.64	0.00	0.00	1.00	1.00	1.00
2	4	24	0.09	0.41	0.00	0.00	1.00	1.00	1.00
2	5	1	0.08	0.16	0.00	0.00	1.00	1.00	1.00
2	5	2	0.10	0.07	0.00	0.00	1.00	1.00	1.00
2	5	3	0.08	0.05	0.00	0.00	1.00	1.00	1.00
2	5	4	0.10	0.06	0.00	0.00	1.00	1.00	1.00
2	5	5	0.14	0.08	0.00	0.00	1.00	1.00	1.00
2	5	6	0.11	0.08	0.00	0.00	1.00	1.00	1.00
2	5	7	0.07	0.06	0.00	0.36	1.00	1.00	1.00
2	5	8	0.05	0.04	0.08	0.75	1.00	1.00	1.00
2	5	9	0.07	0.00	0.31	0.93	1.00	1.00	1.00
2	5	10	0.06	0.00	0.52	1.00	1.00	1.00	1.00
2	5	11	0.03	0.00	0.66	1.00	1.00	1.00	1.00
2	5	12	0.04	0.00	0.71	1.00	1.00	1.00	1.00
2	5	13	0.05	0.00	0.74	1.00	1.00	1.00	1.00
2	5	14	0.05	0.00	0.68	0.99	1.00	1.00	1.00
2	5	15	0.04	0.00	0.53	0.90	1.00	1.00	1.00
2	5	16	0.03	0.00	0.38	0.69	1.00	1.00	1.00
2	5	17	0.01	0.00	0.14	0.17	1.00	1.00	1.00
2	5	18	0.00	0.01	0.00	0.00	1.00	1.00	1.00
2	5	19	0.00	0.05	0.00	0.00	1.00	1.00	1.00
2	5	20	0.00	0.13	0.00	0.00	1.00	1.00	1.00
2	5	21	0.00	0.23	0.00	0.00	1.00	1.00	1.00
2	5	22	0.00	0.34	0.00	0.00	1.00	1.00	1.00
2	5	23	0.00	0.44	0.00	0.00	1.00	1.00	1.00
2	5	24	0.00	0.55	0.00	0.00	1.00	1.00	1.00
2	6	1	0.00	0.68	0.00	0.00	1.00	1.00	1.00
2	6	2	0.00	0.83	0.00	0.00	1.00	1.00	1.00
2	6	3	0.00	0.92	0.00	0.00	1.00	1.00	1.00
2	6	4	0.04	0.95	0.00	0.00	1.00	1.00	1.00
2	6	5	0.03	0.97	0.00	0.00	1.00	1.00	1.00
2	6	6	0.04	0.97	0.00	0.00	1.00	1.00	1.00
2	6	7	0.07	0.98	0.00	0.28	1.00	1.00	1.00
2	6	8	0.10	0.97	0.05	0.74	1.00	1.00	1.00
2	6	9	0.06	0.96	0.30	0.92	1.00	1.00	1.00
2	6	10	0.03	0.96	0.51	1.00	1.00	1.00	1.00
2	6	11	0.03	0.95	0.68	1.00	1.00	1.00	1.00
2	6	12	0.05	0.93	0.74	1.00	1.00	1.00	1.00
2	6	13	0.08	0.91	0.76	1.00	1.00	1.00	1.00
2	6	14	0.10	0.89	0.71	0.97	1.00	1.00	1.00

2	6	15	0.10	0.89	0.56	0.83	1.00	1.00	1.00
2	6	16	0.12	0.93	0.41	0.64	1.00	1.00	1.00
2	6	17	0.09	0.96	0.18	0.16	1.00	1.00	1.00
2	6	18	0.08	0.96	0.00	0.00	1.00	1.00	1.00
2	6	19	0.12	0.97	0.00	0.00	1.00	1.00	1.00
2	6	20	0.14	0.97	0.00	0.00	1.00	1.00	1.00
2	6	21	0.16	0.97	0.00	0.00	1.00	1.00	1.00
2	6	22	0.16	0.97	0.00	0.00	1.00	1.00	1.00
2	6	23	0.15	0.96	0.00	0.00	1.00	1.00	1.00
2	6	24	0.14	0.96	0.00	0.00	1.00	1.00	1.00
2	7	1	0.12	0.95	0.00	0.00	1.00	1.00	1.00
2	7	2	0.08	0.94	0.00	0.00	1.00	1.00	1.00
2	7	3	0.09	0.92	0.00	0.00	1.00	1.00	1.00
2	7	4	0.14	0.91	0.00	0.00	1.00	1.00	1.00
2	7	5	0.15	0.92	0.00	0.00	1.00	1.00	1.00
2	7	6	0.11	0.93	0.00	0.00	1.00	1.00	1.00
2	7	7	0.09	0.92	0.00	0.30	1.00	1.00	1.00
2	7	8	0.09	0.88	0.04	0.76	1.00	1.00	1.00
2	7	9	0.07	0.81	0.18	0.91	1.00	1.00	1.00
2	7	10	0.05	0.79	0.31	1.00	1.00	1.00	1.00
2	7	11	0.10	0.80	0.40	1.00	1.00	1.00	1.00
2	7	12	0.18	0.79	0.43	1.00	1.00	1.00	1.00
2	7	13	0.28	0.81	0.41	1.00	1.00	1.00	1.00
2	7	14	0.33	0.83	0.34	0.98	1.00	1.00	1.00
2	7	15	0.30	0.82	0.29	0.90	1.00	1.00	1.00
2	7	16	0.31	0.83	0.23	0.69	1.00	1.00	1.00
2	7	17	0.42	0.84	0.12	0.20	1.00	1.00	1.00
2	7	18	0.48	0.79	0.00	0.00	1.00	1.00	1.00
2	7	19	0.61	0.76	0.00	0.00	1.00	1.00	1.00
2	7	20	0.60	0.71	0.00	0.00	1.00	1.00	1.00
2	7	21	0.57	0.60	0.00	0.00	1.00	1.00	1.00
2	7	22	0.48	0.48	0.00	0.00	1.00	1.00	1.00
2	7	23	0.26	0.38	0.00	0.00	1.00	1.00	1.00
2	7	24	0.18	0.27	0.00	0.00	1.00	1.00	1.00
2	8	1	0.22	0.18	0.00	0.00	1.00	1.00	1.00
2	8	2	0.33	0.23	0.00	0.00	1.00	1.00	1.00
2	8	3	0.28	0.38	0.00	0.00	1.00	1.00	1.00
2	8	4	0.20	0.43	0.00	0.00	1.00	1.00	1.00
2	8	5	0.07	0.43	0.00	0.00	1.00	1.00	1.00
2	8	6	0.09	0.41	0.00	0.00	1.00	1.00	1.00
2	8	7	0.07	0.41	0.00	0.23	1.00	1.00	1.00
2	8	8	0.00	0.38	0.07	0.43	1.00	1.00	1.00
2	8	9	0.00	0.33	0.19	0.56	1.00	1.00	1.00
2	8	10	0.00	0.25	0.30	0.68	1.00	1.00	1.00
2	8	11	0.02	0.24	0.40	0.78	1.00	1.00	1.00
2	8	12	0.04	0.26	0.42	0.99	1.00	1.00	1.00
2	8	13	0.03	0.36	0.34	1.00	1.00	1.00	1.00
2	8	14	0.03	0.55	0.28	0.98	1.00	1.00	1.00
2	8	15	0.03	0.71	0.23	0.89	1.00	1.00	1.00

2	8	16	0.04	0.70	0.20	0.63	1.00	1.00	1.00
2	8	17	0.07	0.78	0.12	0.17	1.00	1.00	1.00
2	8	18	0.14	0.87	0.00	0.00	1.00	1.00	1.00
2	8	19	0.14	0.89	0.00	0.00	1.00	1.00	1.00
2	8	20	0.12	0.88	0.00	0.00	1.00	1.00	1.00
2	8	21	0.07	0.88	0.00	0.00	1.00	1.00	1.00
2	8	22	0.06	0.88	0.00	0.00	1.00	1.00	1.00
2	8	23	0.12	0.89	0.00	0.00	1.00	1.00	1.00
2	8	24	0.11	0.89	0.00	0.00	1.00	1.00	1.00
2	9	1	0.12	0.85	0.00	0.00	1.00	1.00	1.00
2	9	2	0.11	0.75	0.00	0.00	1.00	1.00	1.00
2	9	3	0.10	0.68	0.00	0.00	1.00	1.00	1.00
2	9	4	0.10	0.66	0.00	0.00	1.00	1.00	1.00
2	9	5	0.06	0.62	0.00	0.00	1.00	1.00	1.00
2	9	6	0.05	0.51	0.00	0.00	1.00	1.00	1.00
2	9	7	0.05	0.44	0.00	0.19	1.00	1.00	1.00
2	9	8	0.05	0.40	0.04	0.47	1.00	1.00	1.00
2	9	9	0.03	0.34	0.15	0.62	1.00	1.00	1.00
2	9	10	0.02	0.31	0.20	0.65	1.00	1.00	1.00
2	9	11	0.02	0.30	0.29	0.69	1.00	1.00	1.00
2	9	12	0.03	0.30	0.35	0.82	1.00	1.00	1.00
2	9	13	0.05	0.30	0.35	0.86	1.00	1.00	1.00
2	9	14	0.04	0.31	0.28	0.77	1.00	1.00	1.00
2	9	15	0.03	0.31	0.24	0.53	1.00	1.00	1.00
2	9	16	0.11	0.34	0.16	0.41	1.00	1.00	1.00
2	9	17	0.15	0.41	0.09	0.12	1.00	1.00	1.00
2	9	18	0.18	0.46	0.00	0.00	1.00	1.00	1.00
2	9	19	0.17	0.48	0.00	0.00	1.00	1.00	1.00
2	9	20	0.16	0.45	0.00	0.00	1.00	1.00	1.00
2	9	21	0.10	0.41	0.00	0.00	1.00	1.00	1.00
2	9	22	0.03	0.42	0.00	0.00	1.00	1.00	1.00
2	9	23	0.00	0.42	0.00	0.00	1.00	1.00	1.00
2	9	24	0.00	0.40	0.00	0.00	1.00	1.00	1.00
2	10	1	0.00	0.42	0.00	0.00	1.00	1.00	1.00
2	10	2	0.00	0.44	0.00	0.00	1.00	1.00	1.00
2	10	3	0.00	0.44	0.00	0.00	1.00	1.00	1.00
2	10	4	0.00	0.43	0.00	0.00	1.00	1.00	1.00
2	10	5	0.00	0.44	0.00	0.00	1.00	1.00	1.00
2	10	6	0.00	0.45	0.00	0.00	1.00	1.00	1.00
2	10	7	0.00	0.46	0.00	0.14	1.00	1.00	1.00
2	10	8	0.01	0.39	0.01	0.24	1.00	1.00	1.00
2	10	9	0.01	0.27	0.10	0.39	1.00	1.00	1.00
2	10	10	0.03	0.23	0.18	0.53	1.00	1.00	1.00
2	10	11	0.08	0.26	0.26	0.51	1.00	1.00	1.00
2	10	12	0.14	0.38	0.28	0.61	1.00	1.00	1.00
2	10	13	0.20	0.53	0.38	0.64	1.00	1.00	1.00
2	10	14	0.23	0.65	0.35	0.77	1.00	1.00	1.00
2	10	15	0.22	0.65	0.30	0.80	1.00	1.00	1.00
2	10	16	0.29	0.58	0.27	0.63	1.00	1.00	1.00

2	10	17	0.39	0.55	0.13	0.18	1.00	1.00	1.00
2	10	18	0.47	0.55	0.00	0.00	1.00	1.00	1.00
2	10	19	0.48	0.48	0.00	0.00	1.00	1.00	1.00
2	10	20	0.38	0.44	0.00	0.00	1.00	1.00	1.00
2	10	21	0.31	0.43	0.00	0.00	1.00	1.00	1.00
2	10	22	0.34	0.44	0.00	0.00	1.00	1.00	1.00
2	10	23	0.45	0.48	0.00	0.00	1.00	1.00	1.00
2	10	24	0.49	0.55	0.00	0.00	1.00	1.00	1.00
2	11	1	0.39	0.60	0.00	0.00	1.00	1.00	1.00
2	11	2	0.33	0.64	0.00	0.00	1.00	1.00	1.00
2	11	3	0.26	0.65	0.00	0.00	1.00	1.00	1.00
2	11	4	0.35	0.61	0.00	0.00	1.00	1.00	1.00
2	11	5	0.29	0.50	0.00	0.00	1.00	1.00	1.00
2	11	6	0.28	0.52	0.00	0.00	1.00	1.00	1.00
2	11	7	0.29	0.65	0.00	0.08	1.00	1.00	1.00
2	11	8	0.30	0.65	0.04	0.25	1.00	1.00	1.00
2	11	9	0.41	0.52	0.22	0.49	1.00	1.00	1.00
2	11	10	0.50	0.42	0.38	0.46	1.00	1.00	1.00
2	11	11	0.69	0.43	0.50	0.53	1.00	1.00	1.00
2	11	12	0.74	0.35	0.53	0.39	1.00	1.00	1.00
2	11	13	0.89	0.27	0.57	0.47	1.00	1.00	1.00
2	11	14	0.87	0.26	0.55	0.41	1.00	1.00	1.00
2	11	15	0.82	0.21	0.52	0.31	1.00	1.00	1.00
2	11	16	0.83	0.13	0.43	0.34	1.00	1.00	1.00
2	11	17	0.83	0.13	0.21	0.04	1.00	1.00	1.00
2	11	18	0.79	0.15	0.01	0.00	1.00	1.00	1.00
2	11	19	0.74	0.16	0.00	0.00	1.00	1.00	1.00
2	11	20	0.61	0.37	0.00	0.00	1.00	1.00	1.00
2	11	21	0.43	0.50	0.00	0.00	1.00	1.00	1.00
2	11	22	0.39	0.49	0.00	0.00	1.00	1.00	1.00
2	11	23	0.37	0.56	0.00	0.00	1.00	1.00	1.00
2	11	24	0.32	0.66	0.00	0.00	1.00	1.00	1.00
2	12	1	0.30	0.78	0.00	0.00	1.00	1.00	1.00
2	12	2	0.28	0.88	0.00	0.00	1.00	1.00	1.00
2	12	3	0.28	0.95	0.00	0.00	1.00	1.00	1.00
2	12	4	0.31	0.98	0.00	0.00	1.00	1.00	1.00
2	12	5	0.31	0.99	0.00	0.00	1.00	1.00	1.00
2	12	6	0.31	0.98	0.00	0.00	1.00	1.00	1.00
2	12	7	0.29	0.95	0.00	0.23	1.00	1.00	1.00
2	12	8	0.24	0.92	0.10	0.59	1.00	1.00	1.00
2	12	9	0.22	0.96	0.34	0.67	1.00	1.00	1.00
2	12	10	0.20	0.97	0.54	0.73	1.00	1.00	1.00
2	12	11	0.13	0.99	0.66	0.69	1.00	1.00	1.00
2	12	12	0.10	0.98	0.76	0.79	1.00	1.00	1.00
2	12	13	0.15	0.98	0.72	0.71	1.00	1.00	1.00
2	12	14	0.22	0.98	0.68	0.81	1.00	1.00	1.00
2	12	15	0.29	0.96	0.59	0.77	1.00	1.00	1.00
2	12	16	0.33	0.92	0.44	0.62	1.00	1.00	1.00
2	12	17	0.38	0.79	0.18	0.20	1.00	1.00	1.00

2	12	18	0.48	0.76	0.00	0.00	1.00	1.00	1.00
2	12	19	0.53	0.76	0.00	0.00	1.00	1.00	1.00
2	12	20	0.51	0.83	0.00	0.00	1.00	1.00	1.00
2	12	21	0.44	0.86	0.00	0.00	1.00	1.00	1.00
2	12	22	0.44	0.73	0.00	0.00	1.00	1.00	1.00
2	12	23	0.43	0.43	0.00	0.00	1.00	1.00	1.00
2	12	24	0.42	0.14	0.00	0.00	1.00	1.00	1.00
2	13	1	0.46	0.04	0.00	0.00	1.00	1.00	1.00
2	13	2	0.42	0.05	0.00	0.00	1.00	1.00	1.00
2	13	3	0.38	0.08	0.00	0.00	1.00	1.00	1.00
2	13	4	0.36	0.22	0.00	0.00	1.00	1.00	1.00
2	13	5	0.37	0.22	0.00	0.00	1.00	1.00	1.00
2	13	6	0.48	0.17	0.00	0.00	1.00	1.00	1.00
2	13	7	0.55	0.19	0.00	0.07	1.00	1.00	1.00
2	13	8	0.51	0.13	0.09	0.18	1.00	1.00	1.00
2	13	9	0.55	0.08	0.31	0.22	1.00	1.00	1.00
2	13	10	0.60	0.06	0.45	0.15	1.00	1.00	1.00
2	13	11	0.48	0.05	0.51	0.18	1.00	1.00	1.00
2	13	12	0.48	0.04	0.53	0.08	1.00	1.00	1.00
2	13	13	0.54	0.04	0.45	0.16	1.00	1.00	1.00
2	13	14	0.57	0.04	0.43	0.12	1.00	1.00	1.00
2	13	15	0.61	0.06	0.40	0.10	1.00	1.00	1.00
2	13	16	0.58	0.09	0.35	0.09	1.00	1.00	1.00
2	13	17	0.61	0.11	0.19	0.02	1.00	1.00	1.00
2	13	18	0.70	0.14	0.01	0.00	1.00	1.00	1.00
2	13	19	0.72	0.14	0.00	0.00	1.00	1.00	1.00
2	13	20	0.78	0.12	0.00	0.00	1.00	1.00	1.00
2	13	21	0.72	0.11	0.00	0.00	1.00	1.00	1.00
2	13	22	0.72	0.14	0.00	0.00	1.00	1.00	1.00
2	13	23	0.68	0.18	0.00	0.00	1.00	1.00	1.00
2	13	24	0.55	0.21	0.00	0.00	1.00	1.00	1.00
2	14	1	0.56	0.13	0.00	0.00	1.00	1.00	1.00
2	14	2	0.55	0.10	0.00	0.00	1.00	1.00	1.00
2	14	3	0.47	0.09	0.00	0.00	1.00	1.00	1.00
2	14	4	0.43	0.07	0.00	0.00	1.00	1.00	1.00
2	14	5	0.38	0.11	0.00	0.00	1.00	1.00	1.00
2	14	6	0.31	0.12	0.00	0.00	1.00	1.00	1.00
2	14	7	0.25	0.12	0.00	0.06	1.00	1.00	1.00
2	14	8	0.14	0.10	0.11	0.11	1.00	1.00	1.00
2	14	9	0.14	0.07	0.40	0.28	1.00	1.00	1.00
2	14	10	0.24	0.04	0.64	0.16	1.00	1.00	1.00
2	14	11	0.36	0.04	0.79	0.10	1.00	1.00	1.00
2	14	12	0.41	0.03	0.88	0.13	1.00	1.00	1.00
2	14	13	0.41	0.01	0.89	0.50	1.00	1.00	1.00
2	14	14	0.38	0.04	0.85	0.34	1.00	1.00	1.00
2	14	15	0.33	0.06	0.71	0.48	1.00	1.00	1.00
2	14	16	0.36	0.09	0.53	0.44	1.00	1.00	1.00
2	14	17	0.47	0.11	0.25	0.14	1.00	1.00	1.00
2	14	18	0.48	0.11	0.01	0.00	1.00	1.00	1.00

2	14	19	0.41	0.08	0.00	0.00	1.00	1.00	1.00
2	14	20	0.30	0.06	0.00	0.00	1.00	1.00	1.00
2	14	21	0.16	0.06	0.00	0.00	1.00	1.00	1.00
2	14	22	0.08	0.08	0.00	0.00	1.00	1.00	1.00
2	14	23	0.02	0.05	0.00	0.00	1.00	1.00	1.00
2	14	24	0.00	0.01	0.00	0.00	1.00	1.00	1.00
2	15	1	0.00	0.00	0.00	0.00	1.00	1.00	1.00
2	15	2	0.00	0.00	0.00	0.00	1.00	1.00	1.00
2	15	3	0.00	0.00	0.00	0.00	1.00	1.00	1.00
2	15	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
2	15	5	0.00	0.03	0.00	0.00	1.00	1.00	1.00
2	15	6	0.00	0.11	0.00	0.00	1.00	1.00	1.00
2	15	7	0.00	0.18	0.00	0.30	1.00	1.00	1.00
2	15	8	0.00	0.19	0.12	0.52	1.00	1.00	1.00
2	15	9	0.00	0.22	0.40	0.40	1.00	1.00	1.00
2	15	10	0.00	0.28	0.63	0.60	1.00	1.00	1.00
2	15	11	0.00	0.33	0.78	0.85	1.00	1.00	1.00
2	15	12	0.00	0.37	0.86	0.92	1.00	1.00	1.00
2	15	13	0.00	0.41	0.87	1.00	1.00	1.00	1.00
2	15	14	0.00	0.42	0.83	0.99	1.00	1.00	1.00
2	15	15	0.00	0.42	0.74	0.87	1.00	1.00	1.00
2	15	16	0.00	0.44	0.57	0.75	1.00	1.00	1.00
2	15	17	0.00	0.48	0.28	0.25	1.00	1.00	1.00
2	15	18	0.00	0.46	0.01	0.00	1.00	1.00	1.00
2	15	19	0.02	0.43	0.00	0.00	1.00	1.00	1.00
2	15	20	0.07	0.44	0.00	0.00	1.00	1.00	1.00
2	15	21	0.16	0.43	0.00	0.00	1.00	1.00	1.00
2	15	22	0.19	0.44	0.00	0.00	1.00	1.00	1.00
2	15	23	0.20	0.44	0.00	0.00	1.00	1.00	1.00
2	15	24	0.18	0.49	0.00	0.00	1.00	1.00	1.00
2	16	1	0.18	0.66	0.00	0.00	1.00	1.00	1.00
2	16	2	0.13	0.86	0.00	0.00	1.00	1.00	1.00
2	16	3	0.07	0.96	0.00	0.00	1.00	1.00	1.00
2	16	4	0.03	0.95	0.00	0.00	1.00	1.00	1.00
2	16	5	0.05	0.94	0.00	0.00	1.00	1.00	1.00
2	16	6	0.05	0.97	0.00	0.01	1.00	1.00	1.00
2	16	7	0.06	0.96	0.00	0.52	1.00	1.00	1.00
2	16	8	0.07	0.95	0.12	0.82	1.00	1.00	1.00
2	16	9	0.05	0.93	0.40	0.98	1.00	1.00	1.00
2	16	10	0.05	0.95	0.63	1.00	1.00	1.00	1.00
2	16	11	0.07	0.97	0.77	1.00	1.00	1.00	1.00
2	16	12	0.12	0.98	0.86	1.00	1.00	1.00	1.00
2	16	13	0.18	0.98	0.88	1.00	1.00	1.00	1.00
2	16	14	0.28	0.96	0.84	1.00	1.00	1.00	1.00
2	16	15	0.35	0.93	0.75	1.00	1.00	1.00	1.00
2	16	16	0.27	0.94	0.58	0.82	1.00	1.00	1.00
2	16	17	0.21	0.93	0.27	0.29	1.00	1.00	1.00
2	16	18	0.21	0.93	0.01	0.00	1.00	1.00	1.00
2	16	19	0.22	0.96	0.00	0.00	1.00	1.00	1.00

2	16	20	0.39	0.92	0.00	0.00	1.00	1.00	1.00
2	16	21	0.46	0.81	0.00	0.00	1.00	1.00	1.00
2	16	22	0.40	0.65	0.00	0.00	1.00	1.00	1.00
2	16	23	0.41	0.63	0.00	0.00	1.00	1.00	1.00
2	16	24	0.39	0.64	0.00	0.00	1.00	1.00	1.00
2	17	1	0.40	0.48	0.00	0.00	1.00	1.00	1.00
2	17	2	0.38	0.19	0.00	0.00	1.00	1.00	1.00
2	17	3	0.43	0.11	0.00	0.00	1.00	1.00	1.00
2	17	4	0.37	0.17	0.00	0.00	1.00	1.00	1.00
2	17	5	0.26	0.17	0.00	0.00	1.00	1.00	1.00
2	17	6	0.20	0.08	0.00	0.01	1.00	1.00	1.00
2	17	7	0.27	0.06	0.00	0.42	1.00	1.00	1.00
2	17	8	0.21	0.02	0.13	0.80	1.00	1.00	1.00
2	17	9	0.13	0.02	0.43	0.96	1.00	1.00	1.00
2	17	10	0.11	0.01	0.66	1.00	1.00	1.00	1.00
2	17	11	0.18	0.01	0.81	1.00	1.00	1.00	1.00
2	17	12	0.23	0.00	0.88	1.00	1.00	1.00	1.00
2	17	13	0.22	0.00	0.89	1.00	1.00	1.00	1.00
2	17	14	0.22	0.00	0.85	1.00	1.00	1.00	1.00
2	17	15	0.23	0.00	0.74	1.00	1.00	1.00	1.00
2	17	16	0.24	0.01	0.54	0.79	1.00	1.00	1.00
2	17	17	0.20	0.04	0.25	0.27	1.00	1.00	1.00
2	17	18	0.23	0.08	0.01	0.00	1.00	1.00	1.00
2	17	19	0.20	0.10	0.00	0.00	1.00	1.00	1.00
2	17	20	0.11	0.11	0.00	0.00	1.00	1.00	1.00
2	17	21	0.03	0.13	0.00	0.00	1.00	1.00	1.00
2	17	22	0.00	0.14	0.00	0.00	1.00	1.00	1.00
2	17	23	0.00	0.16	0.00	0.00	1.00	1.00	1.00
2	17	24	0.00	0.20	0.00	0.00	1.00	1.00	1.00
2	18	1	0.00	0.33	0.00	0.00	1.00	1.00	1.00
2	18	2	0.00	0.42	0.00	0.00	1.00	1.00	1.00
2	18	3	0.00	0.45	0.00	0.00	1.00	1.00	1.00
2	18	4	0.00	0.54	0.00	0.00	1.00	1.00	1.00
2	18	5	0.00	0.58	0.00	0.00	1.00	1.00	1.00
2	18	6	0.00	0.59	0.00	0.01	1.00	1.00	1.00
2	18	7	0.01	0.56	0.00	0.35	1.00	1.00	1.00
2	18	8	0.01	0.49	0.04	0.61	1.00	1.00	1.00
2	18	9	0.01	0.52	0.18	0.80	1.00	1.00	1.00
2	18	10	0.09	0.54	0.29	0.97	1.00	1.00	1.00
2	18	11	0.21	0.51	0.46	1.00	1.00	1.00	1.00
2	18	12	0.27	0.47	0.54	0.76	1.00	1.00	1.00
2	18	13	0.35	0.50	0.57	0.68	1.00	1.00	1.00
2	18	14	0.47	0.56	0.51	0.76	1.00	1.00	1.00
2	18	15	0.65	0.63	0.46	0.69	1.00	1.00	1.00
2	18	16	0.82	0.61	0.38	0.44	1.00	1.00	1.00
2	18	17	0.93	0.62	0.20	0.12	1.00	1.00	1.00
2	18	18	0.90	0.60	0.01	0.00	1.00	1.00	1.00
2	18	19	0.90	0.62	0.00	0.00	1.00	1.00	1.00
2	18	20	0.81	0.71	0.00	0.00	1.00	1.00	1.00

2	18	21	0.72	0.69	0.00	0.00	1.00	1.00	1.00
2	18	22	0.67	0.67	0.00	0.00	1.00	1.00	1.00
2	18	23	0.71	0.67	0.00	0.00	1.00	1.00	1.00
2	18	24	0.69	0.66	0.00	0.00	1.00	1.00	1.00
2	19	1	0.62	0.65	0.00	0.00	1.00	1.00	1.00
2	19	2	0.53	0.64	0.00	0.00	1.00	1.00	1.00
2	19	3	0.38	0.65	0.00	0.00	1.00	1.00	1.00
2	19	4	0.37	0.61	0.00	0.00	1.00	1.00	1.00
2	19	5	0.49	0.60	0.00	0.00	1.00	1.00	1.00
2	19	6	0.57	0.60	0.00	0.01	1.00	1.00	1.00
2	19	7	0.50	0.65	0.00	0.36	1.00	1.00	1.00
2	19	8	0.29	0.78	0.05	0.68	1.00	1.00	1.00
2	19	9	0.42	0.86	0.22	0.98	1.00	1.00	1.00
2	19	10	0.47	0.94	0.38	1.00	1.00	1.00	1.00
2	19	11	0.50	0.87	0.46	1.00	1.00	1.00	1.00
2	19	12	0.43	0.75	0.55	1.00	1.00	1.00	1.00
2	19	13	0.38	0.75	0.58	0.88	1.00	1.00	1.00
2	19	14	0.33	0.88	0.52	0.85	1.00	1.00	1.00
2	19	15	0.25	0.98	0.52	0.82	1.00	1.00	1.00
2	19	16	0.15	0.92	0.41	0.62	1.00	1.00	1.00
2	19	17	0.09	0.82	0.24	0.21	1.00	1.00	1.00
2	19	18	0.12	0.68	0.01	0.00	1.00	1.00	1.00
2	19	19	0.14	0.58	0.00	0.00	1.00	1.00	1.00
2	19	20	0.20	0.68	0.00	0.00	1.00	1.00	1.00
2	19	21	0.26	0.77	0.00	0.00	1.00	1.00	1.00
2	19	22	0.15	0.89	0.00	0.00	1.00	1.00	1.00
2	19	23	0.10	0.87	0.00	0.00	1.00	1.00	1.00
2	19	24	0.04	0.85	0.00	0.00	1.00	1.00	1.00
2	20	1	0.00	0.81	0.00	0.00	1.00	1.00	1.00
2	20	2	0.00	0.77	0.00	0.00	1.00	1.00	1.00
2	20	3	0.00	0.80	0.00	0.00	1.00	1.00	1.00
2	20	4	0.00	0.84	0.00	0.00	1.00	1.00	1.00
2	20	5	0.00	0.86	0.00	0.00	1.00	1.00	1.00
2	20	6	0.00	0.89	0.00	0.01	1.00	1.00	1.00
2	20	7	0.00	0.90	0.00	0.47	1.00	1.00	1.00
2	20	8	0.00	0.93	0.13	0.78	1.00	1.00	1.00
2	20	9	0.00	0.96	0.42	0.99	1.00	1.00	1.00
2	20	10	0.00	0.99	0.64	0.98	1.00	1.00	1.00
2	20	11	0.01	1.00	0.76	0.92	1.00	1.00	1.00
2	20	12	0.05	0.98	0.81	1.00	1.00	1.00	1.00
2	20	13	0.12	0.95	0.84	0.92	1.00	1.00	1.00
2	20	14	0.18	0.97	0.80	1.00	1.00	1.00	1.00
2	20	15	0.21	0.96	0.72	1.00	1.00	1.00	1.00
2	20	16	0.30	0.94	0.55	0.78	1.00	1.00	1.00
2	20	17	0.40	0.92	0.27	0.29	1.00	1.00	1.00
2	20	18	0.46	0.94	0.01	0.00	1.00	1.00	1.00
2	20	19	0.46	0.95	0.00	0.00	1.00	1.00	1.00
2	20	20	0.46	0.94	0.00	0.00	1.00	1.00	1.00
2	20	21	0.45	0.93	0.00	0.00	1.00	1.00	1.00

2	20	22	0.42	0.92	0.00	0.00	1.00	1.00	1.00
2	20	23	0.38	0.90	0.00	0.00	1.00	1.00	1.00
2	20	24	0.35	0.82	0.00	0.00	1.00	1.00	1.00
2	21	1	0.29	0.72	0.00	0.00	1.00	1.00	1.00
2	21	2	0.25	0.63	0.00	0.00	1.00	1.00	1.00
2	21	3	0.23	0.59	0.00	0.00	1.00	1.00	1.00
2	21	4	0.24	0.55	0.00	0.00	1.00	1.00	1.00
2	21	5	0.22	0.53	0.00	0.00	1.00	1.00	1.00
2	21	6	0.23	0.52	0.00	0.01	1.00	1.00	1.00
2	21	7	0.21	0.53	0.00	0.50	1.00	1.00	1.00
2	21	8	0.20	0.55	0.13	0.88	1.00	1.00	1.00
2	21	9	0.18	0.58	0.40	1.00	1.00	1.00	1.00
2	21	10	0.17	0.61	0.62	1.00	1.00	1.00	1.00
2	21	11	0.16	0.62	0.74	1.00	1.00	1.00	1.00
2	21	12	0.15	0.59	0.80	1.00	1.00	1.00	1.00
2	21	13	0.16	0.57	0.80	1.00	1.00	1.00	1.00
2	21	14	0.14	0.55	0.77	1.00	1.00	1.00	1.00
2	21	15	0.13	0.52	0.66	0.99	1.00	1.00	1.00
2	21	16	0.17	0.54	0.53	0.79	1.00	1.00	1.00
2	21	17	0.20	0.68	0.27	0.30	1.00	1.00	1.00
2	21	18	0.23	0.68	0.01	0.00	1.00	1.00	1.00
2	21	19	0.27	0.64	0.00	0.00	1.00	1.00	1.00
2	21	20	0.26	0.60	0.00	0.00	1.00	1.00	1.00
2	21	21	0.17	0.58	0.00	0.00	1.00	1.00	1.00
2	21	22	0.16	0.55	0.00	0.00	1.00	1.00	1.00
2	21	23	0.18	0.52	0.00	0.00	1.00	1.00	1.00
2	21	24	0.25	0.49	0.00	0.00	1.00	1.00	1.00
2	22	1	0.26	0.47	0.00	0.00	1.00	1.00	1.00
2	22	2	0.26	0.47	0.00	0.00	1.00	1.00	1.00
2	22	3	0.25	0.44	0.00	0.00	1.00	1.00	1.00
2	22	4	0.24	0.38	0.00	0.00	1.00	1.00	1.00
2	22	5	0.25	0.31	0.00	0.00	1.00	1.00	1.00
2	22	6	0.32	0.25	0.00	0.01	1.00	1.00	1.00
2	22	7	0.45	0.21	0.00	0.33	1.00	1.00	1.00
2	22	8	0.58	0.17	0.09	0.52	1.00	1.00	1.00
2	22	9	0.69	0.14	0.25	0.67	1.00	1.00	1.00
2	22	10	0.80	0.16	0.37	0.68	1.00	1.00	1.00
2	22	11	0.93	0.21	0.46	0.62	1.00	1.00	1.00
2	22	12	0.95	0.25	0.52	0.47	1.00	1.00	1.00
2	22	13	0.99	0.25	0.52	0.51	1.00	1.00	1.00
2	22	14	1.00	0.25	0.52	0.40	1.00	1.00	1.00
2	22	15	1.00	0.26	0.52	0.45	1.00	1.00	1.00
2	22	16	1.00	0.27	0.40	0.49	1.00	1.00	1.00
2	22	17	0.97	0.35	0.20	0.14	1.00	1.00	1.00
2	22	18	0.87	0.40	0.01	0.00	1.00	1.00	1.00
2	22	19	0.82	0.39	0.00	0.00	1.00	1.00	1.00
2	22	20	0.77	0.47	0.00	0.00	1.00	1.00	1.00
2	22	21	0.82	0.56	0.00	0.00	1.00	1.00	1.00
2	22	22	0.86	0.71	0.00	0.00	1.00	1.00	1.00

2	22	23	0.85	0.67	0.00	0.00	1.00	1.00	1.00
2	22	24	0.77	0.55	0.00	0.00	1.00	1.00	1.00
2	23	1	0.70	0.48	0.00	0.00	1.00	1.00	1.00
2	23	2	0.63	0.46	0.00	0.00	1.00	1.00	1.00
2	23	3	0.68	0.44	0.00	0.00	1.00	1.00	1.00
2	23	4	0.80	0.40	0.00	0.00	1.00	1.00	1.00
2	23	5	0.81	0.43	0.00	0.00	1.00	1.00	1.00
2	23	6	0.71	0.55	0.00	0.02	1.00	1.00	1.00
2	23	7	0.55	0.67	0.00	0.52	1.00	1.00	1.00
2	23	8	0.54	0.83	0.11	0.86	1.00	1.00	1.00
2	23	9	0.65	0.91	0.36	1.00	1.00	1.00	1.00
2	23	10	0.82	0.95	0.56	1.00	1.00	1.00	1.00
2	23	11	0.90	0.98	0.68	1.00	1.00	1.00	1.00
2	23	12	0.94	1.00	0.71	1.00	1.00	1.00	1.00
2	23	13	0.87	1.00	0.73	0.96	1.00	1.00	1.00
2	23	14	0.81	1.00	0.69	0.77	1.00	1.00	1.00
2	23	15	0.80	1.00	0.61	0.63	1.00	1.00	1.00
2	23	16	0.76	1.00	0.48	0.49	1.00	1.00	1.00
2	23	17	0.76	0.99	0.28	0.15	1.00	1.00	1.00
2	23	18	0.77	0.98	0.01	0.00	1.00	1.00	1.00
2	23	19	0.75	0.99	0.00	0.00	1.00	1.00	1.00
2	23	20	0.71	0.97	0.00	0.00	1.00	1.00	1.00
2	23	21	0.75	0.99	0.00	0.00	1.00	1.00	1.00
2	23	22	0.67	1.00	0.00	0.00	1.00	1.00	1.00
2	23	23	0.62	0.99	0.00	0.00	1.00	1.00	1.00
2	23	24	0.49	1.00	0.00	0.00	1.00	1.00	1.00
2	24	1	0.39	1.00	0.00	0.00	1.00	1.00	1.00
2	24	2	0.28	1.00	0.00	0.00	1.00	1.00	1.00
2	24	3	0.12	1.00	0.00	0.00	1.00	1.00	1.00
2	24	4	0.02	0.88	0.00	0.00	1.00	1.00	1.00
2	24	5	0.00	0.52	0.00	0.00	1.00	1.00	1.00
2	24	6	0.00	0.49	0.00	0.02	1.00	1.00	1.00
2	24	7	0.00	0.52	0.00	0.40	1.00	1.00	1.00
2	24	8	0.00	0.61	0.14	0.81	1.00	1.00	1.00
2	24	9	0.00	0.71	0.42	1.00	1.00	1.00	1.00
2	24	10	0.00	0.81	0.63	1.00	1.00	1.00	1.00
2	24	11	0.00	0.90	0.75	1.00	1.00	1.00	1.00
2	24	12	0.00	0.95	0.79	1.00	1.00	1.00	1.00
2	24	13	0.00	0.97	0.78	1.00	1.00	1.00	1.00
2	24	14	0.00	0.95	0.74	1.00	1.00	1.00	1.00
2	24	15	0.00	0.92	0.66	1.00	1.00	1.00	1.00
2	24	16	0.00	0.88	0.52	0.83	1.00	1.00	1.00
2	24	17	0.00	0.85	0.27	0.34	1.00	1.00	1.00
2	24	18	0.03	0.86	0.01	0.00	1.00	1.00	1.00
2	24	19	0.08	0.87	0.00	0.00	1.00	1.00	1.00
2	24	20	0.11	0.87	0.00	0.00	1.00	1.00	1.00
2	24	21	0.17	0.81	0.00	0.00	1.00	1.00	1.00
2	24	22	0.24	0.74	0.00	0.00	1.00	1.00	1.00
2	24	23	0.32	0.68	0.00	0.00	1.00	1.00	1.00

2	24	24	0.40	0.62	0.00	0.00	1.00	1.00	1.00
2	25	1	0.46	0.59	0.00	0.00	1.00	1.00	1.00
2	25	2	0.53	0.55	0.00	0.00	1.00	1.00	1.00
2	25	3	0.55	0.54	0.00	0.00	1.00	1.00	1.00
2	25	4	0.58	0.58	0.00	0.00	1.00	1.00	1.00
2	25	5	0.58	0.64	0.00	0.00	1.00	1.00	1.00
2	25	6	0.58	0.72	0.00	0.03	1.00	1.00	1.00
2	25	7	0.63	0.72	0.00	0.55	1.00	1.00	1.00
2	25	8	0.64	0.67	0.10	0.92	1.00	1.00	1.00
2	25	9	0.65	0.71	0.29	1.00	1.00	1.00	1.00
2	25	10	0.74	0.81	0.44	1.00	1.00	1.00	1.00
2	25	11	0.76	0.90	0.49	1.00	1.00	1.00	1.00
2	25	12	0.83	0.95	0.59	1.00	1.00	1.00	1.00
2	25	13	0.88	0.97	0.58	1.00	1.00	1.00	1.00
2	25	14	0.91	0.99	0.56	1.00	1.00	1.00	1.00
2	25	15	0.86	0.99	0.48	0.94	1.00	1.00	1.00
2	25	16	0.80	0.99	0.38	0.67	1.00	1.00	1.00
2	25	17	0.69	0.98	0.21	0.26	1.00	1.00	1.00
2	25	18	0.60	0.99	0.01	0.00	1.00	1.00	1.00
2	25	19	0.45	1.00	0.00	0.00	1.00	1.00	1.00
2	25	20	0.49	0.98	0.00	0.00	1.00	1.00	1.00
2	25	21	0.56	0.91	0.00	0.00	1.00	1.00	1.00
2	25	22	0.51	0.85	0.00	0.00	1.00	1.00	1.00
2	25	23	0.39	0.82	0.00	0.00	1.00	1.00	1.00
2	25	24	0.38	0.71	0.00	0.00	1.00	1.00	1.00
2	26	1	0.38	0.67	0.00	0.00	1.00	1.00	1.00
2	26	2	0.33	0.66	0.00	0.00	1.00	1.00	1.00
2	26	3	0.33	0.64	0.00	0.00	1.00	1.00	1.00
2	26	4	0.36	0.65	0.00	0.00	1.00	1.00	1.00
2	26	5	0.39	0.73	0.00	0.00	1.00	1.00	1.00
2	26	6	0.39	0.84	0.00	0.03	1.00	1.00	1.00
2	26	7	0.39	0.92	0.00	0.54	1.00	1.00	1.00
2	26	8	0.37	0.97	0.12	0.89	1.00	1.00	1.00
2	26	9	0.36	0.96	0.36	1.00	1.00	1.00	1.00
2	26	10	0.38	0.92	0.53	1.00	1.00	1.00	1.00
2	26	11	0.40	0.87	0.60	1.00	1.00	1.00	1.00
2	26	12	0.43	0.83	0.64	1.00	1.00	1.00	1.00
2	26	13	0.51	0.85	0.59	1.00	1.00	1.00	1.00
2	26	14	0.67	0.89	0.54	1.00	1.00	1.00	1.00
2	26	15	0.81	0.86	0.46	1.00	1.00	1.00	1.00
2	26	16	0.88	0.82	0.35	0.78	1.00	1.00	1.00
2	26	17	0.84	0.70	0.20	0.33	1.00	1.00	1.00
2	26	18	0.69	0.68	0.01	0.00	1.00	1.00	1.00
2	26	19	0.53	0.71	0.00	0.00	1.00	1.00	1.00
2	26	20	0.49	0.78	0.00	0.00	1.00	1.00	1.00
2	26	21	0.51	0.79	0.00	0.00	1.00	1.00	1.00
2	26	22	0.62	0.82	0.00	0.00	1.00	1.00	1.00
2	26	23	0.74	0.87	0.00	0.00	1.00	1.00	1.00
2	26	24	0.67	0.85	0.00	0.00	1.00	1.00	1.00

2	27	1	0.56	0.84	0.00	0.00	1.00	1.00	1.00
2	27	2	0.54	0.82	0.00	0.00	1.00	1.00	1.00
2	27	3	0.59	0.85	0.00	0.00	1.00	1.00	1.00
2	27	4	0.60	0.86	0.00	0.00	1.00	1.00	1.00
2	27	5	0.58	0.88	0.00	0.00	1.00	1.00	1.00
2	27	6	0.67	0.89	0.00	0.04	1.00	1.00	1.00
2	27	7	0.72	0.91	0.00	0.55	1.00	1.00	1.00
2	27	8	0.88	0.93	0.10	0.89	1.00	1.00	1.00
2	27	9	0.96	0.96	0.29	1.00	1.00	1.00	1.00
2	27	10	0.97	0.97	0.45	1.00	1.00	1.00	1.00
2	27	11	0.89	0.99	0.53	1.00	1.00	1.00	1.00
2	27	12	0.92	0.98	0.62	1.00	1.00	1.00	1.00
2	27	13	0.91	0.99	0.57	1.00	1.00	1.00	1.00
2	27	14	0.70	0.99	0.52	1.00	1.00	1.00	1.00
2	27	15	0.62	0.98	0.49	0.94	1.00	1.00	1.00
2	27	16	0.68	0.96	0.37	0.74	1.00	1.00	1.00
2	27	17	0.77	0.85	0.20	0.32	1.00	1.00	1.00
2	27	18	0.66	0.81	0.01	0.00	1.00	1.00	1.00
2	27	19	0.44	0.81	0.00	0.00	1.00	1.00	1.00
2	27	20	0.37	0.79	0.00	0.00	1.00	1.00	1.00
2	27	21	0.40	0.79	0.00	0.00	1.00	1.00	1.00
2	27	22	0.57	0.90	0.00	0.00	1.00	1.00	1.00
2	27	23	0.54	0.96	0.00	0.00	1.00	1.00	1.00
2	27	24	0.41	0.96	0.00	0.00	1.00	1.00	1.00
2	28	1	0.46	0.93	0.00	0.00	1.00	1.00	1.00
2	28	2	0.59	0.88	0.00	0.00	1.00	1.00	1.00
2	28	3	0.73	0.84	0.00	0.00	1.00	1.00	1.00
2	28	4	0.77	0.87	0.00	0.00	1.00	1.00	1.00
2	28	5	0.76	0.91	0.00	0.00	1.00	1.00	1.00
2	28	6	0.74	0.88	0.00	0.04	1.00	1.00	1.00
2	28	7	0.66	0.87	0.00	0.54	1.00	1.00	1.00
2	28	8	0.54	0.90	0.13	0.89	1.00	1.00	1.00
2	28	9	0.53	0.98	0.38	1.00	1.00	1.00	1.00
2	28	10	0.51	0.99	0.58	1.00	1.00	1.00	1.00
2	28	11	0.53	1.00	0.64	1.00	1.00	1.00	1.00
2	28	12	0.51	1.00	0.69	1.00	1.00	1.00	1.00
2	28	13	0.51	1.00	0.70	1.00	1.00	1.00	1.00
2	28	14	0.54	1.00	0.67	1.00	1.00	1.00	1.00
2	28	15	0.55	1.00	0.62	0.95	1.00	1.00	1.00
2	28	16	0.50	1.00	0.51	0.73	1.00	1.00	1.00
2	28	17	0.50	1.00	0.29	0.27	1.00	1.00	1.00
2	28	18	0.48	1.00	0.02	0.00	1.00	1.00	1.00
2	28	19	0.59	1.00	0.00	0.00	1.00	1.00	1.00
2	28	20	0.50	0.99	0.00	0.00	1.00	1.00	1.00
2	28	21	0.31	0.99	0.00	0.00	1.00	1.00	1.00
2	28	22	0.28	0.99	0.00	0.00	1.00	1.00	1.00
2	28	23	0.27	0.94	0.00	0.00	1.00	1.00	1.00
2	28	24	0.31	0.79	0.00	0.00	1.00	1.00	1.00
3	1	1	0.31	0.73	0.00	0.00	1.00	1.00	1.00

3	1	2	0.38	0.73	0.00	0.00	1.00	1.00	1.00
3	1	3	0.36	0.74	0.00	0.00	1.00	1.00	1.00
3	1	4	0.28	0.76	0.00	0.00	1.00	1.00	1.00
3	1	5	0.17	0.76	0.00	0.00	1.00	1.00	1.00
3	1	6	0.08	0.77	0.00	0.06	1.00	1.00	1.00
3	1	7	0.07	0.75	0.00	0.64	1.00	1.00	1.00
3	1	8	0.05	0.67	0.14	0.95	1.00	1.00	1.00
3	1	9	0.01	0.61	0.41	1.00	1.00	1.00	1.00
3	1	10	0.00	0.59	0.63	1.00	1.00	1.00	1.00
3	1	11	0.00	0.59	0.76	1.00	1.00	1.00	1.00
3	1	12	0.00	0.59	0.82	1.00	1.00	1.00	1.00
3	1	13	0.00	0.62	0.78	1.00	1.00	1.00	1.00
3	1	14	0.02	0.64	0.77	1.00	1.00	1.00	1.00
3	1	15	0.06	0.62	0.70	1.00	1.00	1.00	1.00
3	1	16	0.10	0.61	0.55	0.86	1.00	1.00	1.00
3	1	17	0.15	0.63	0.32	0.33	1.00	1.00	1.00
3	1	18	0.21	0.70	0.02	0.00	1.00	1.00	1.00
3	1	19	0.23	0.73	0.00	0.00	1.00	1.00	1.00
3	1	20	0.23	0.73	0.00	0.00	1.00	1.00	1.00
3	1	21	0.22	0.73	0.00	0.00	1.00	1.00	1.00
3	1	22	0.23	0.75	0.00	0.00	1.00	1.00	1.00
3	1	23	0.27	0.71	0.00	0.00	1.00	1.00	1.00
3	1	24	0.26	0.65	0.00	0.00	1.00	1.00	1.00
3	2	1	0.23	0.55	0.00	0.00	1.00	1.00	1.00
3	2	2	0.15	0.49	0.00	0.00	1.00	1.00	1.00
3	2	3	0.11	0.46	0.00	0.00	1.00	1.00	1.00
3	2	4	0.09	0.43	0.00	0.00	1.00	1.00	1.00
3	2	5	0.04	0.42	0.00	0.00	1.00	1.00	1.00
3	2	6	0.00	0.42	0.00	0.05	1.00	1.00	1.00
3	2	7	0.00	0.41	0.00	0.58	1.00	1.00	1.00
3	2	8	0.03	0.44	0.15	0.90	1.00	1.00	1.00
3	2	9	0.04	0.49	0.44	1.00	1.00	1.00	1.00
3	2	10	0.11	0.51	0.66	1.00	1.00	1.00	1.00
3	2	11	0.16	0.51	0.80	1.00	1.00	1.00	1.00
3	2	12	0.15	0.54	0.89	1.00	1.00	1.00	1.00
3	2	13	0.16	0.66	0.89	1.00	1.00	1.00	1.00
3	2	14	0.21	0.79	0.86	1.00	1.00	1.00	1.00
3	2	15	0.21	0.74	0.78	0.91	1.00	1.00	1.00
3	2	16	0.27	0.67	0.62	0.78	1.00	1.00	1.00
3	2	17	0.26	0.54	0.34	0.33	1.00	1.00	1.00
3	2	18	0.28	0.59	0.03	0.00	1.00	1.00	1.00
3	2	19	0.25	0.67	0.00	0.00	1.00	1.00	1.00
3	2	20	0.24	0.68	0.00	0.00	1.00	1.00	1.00
3	2	21	0.21	0.74	0.00	0.00	1.00	1.00	1.00
3	2	22	0.18	0.74	0.00	0.00	1.00	1.00	1.00
3	2	23	0.19	0.70	0.00	0.00	1.00	1.00	1.00
3	2	24	0.16	0.59	0.00	0.00	1.00	1.00	1.00
3	3	1	0.17	0.50	0.00	0.00	1.00	1.00	1.00
3	3	2	0.17	0.40	0.00	0.00	1.00	1.00	1.00

3	3	3	0.18	0.46	0.00	0.00	1.00	1.00	1.00
3	3	4	0.16	0.50	0.00	0.00	1.00	1.00	1.00
3	3	5	0.14	0.36	0.00	0.00	1.00	1.00	1.00
3	3	6	0.15	0.16	0.00	0.06	1.00	1.00	1.00
3	3	7	0.16	0.06	0.00	0.48	1.00	1.00	1.00
3	3	8	0.16	0.05	0.16	0.84	1.00	1.00	1.00
3	3	9	0.17	0.06	0.45	1.00	1.00	1.00	1.00
3	3	10	0.23	0.06	0.67	1.00	1.00	1.00	1.00
3	3	11	0.29	0.05	0.82	1.00	1.00	1.00	1.00
3	3	12	0.34	0.03	0.90	1.00	1.00	1.00	1.00
3	3	13	0.37	0.03	0.90	1.00	1.00	1.00	1.00
3	3	14	0.40	0.02	0.86	1.00	1.00	1.00	1.00
3	3	15	0.45	0.02	0.77	1.00	1.00	1.00	1.00
3	3	16	0.46	0.02	0.62	0.88	1.00	1.00	1.00
3	3	17	0.41	0.02	0.33	0.37	1.00	1.00	1.00
3	3	18	0.43	0.05	0.03	0.00	1.00	1.00	1.00
3	3	19	0.37	0.10	0.00	0.00	1.00	1.00	1.00
3	3	20	0.29	0.11	0.00	0.00	1.00	1.00	1.00
3	3	21	0.19	0.13	0.00	0.00	1.00	1.00	1.00
3	3	22	0.15	0.18	0.00	0.00	1.00	1.00	1.00
3	3	23	0.15	0.22	0.00	0.00	1.00	1.00	1.00
3	3	24	0.13	0.25	0.00	0.00	1.00	1.00	1.00
3	4	1	0.13	0.26	0.00	0.00	1.00	1.00	1.00
3	4	2	0.10	0.30	0.00	0.00	1.00	1.00	1.00
3	4	3	0.09	0.22	0.00	0.00	1.00	1.00	1.00
3	4	4	0.09	0.08	0.00	0.00	1.00	1.00	1.00
3	4	5	0.09	0.01	0.00	0.00	1.00	1.00	1.00
3	4	6	0.09	0.00	0.00	0.08	1.00	1.00	1.00
3	4	7	0.08	0.00	0.00	0.61	1.00	1.00	1.00
3	4	8	0.08	0.00	0.14	0.94	1.00	1.00	1.00
3	4	9	0.07	0.00	0.41	1.00	1.00	1.00	1.00
3	4	10	0.08	0.00	0.58	1.00	1.00	1.00	1.00
3	4	11	0.10	0.00	0.71	1.00	1.00	1.00	1.00
3	4	12	0.13	0.00	0.78	1.00	1.00	1.00	1.00
3	4	13	0.14	0.00	0.78	1.00	1.00	1.00	1.00
3	4	14	0.14	0.00	0.72	1.00	1.00	1.00	1.00
3	4	15	0.14	0.00	0.58	1.00	1.00	1.00	1.00
3	4	16	0.11	0.00	0.41	0.83	1.00	1.00	1.00
3	4	17	0.08	0.00	0.19	0.38	1.00	1.00	1.00
3	4	18	0.06	0.04	0.01	0.00	1.00	1.00	1.00
3	4	19	0.05	0.08	0.00	0.00	1.00	1.00	1.00
3	4	20	0.01	0.12	0.00	0.00	1.00	1.00	1.00
3	4	21	0.00	0.21	0.00	0.00	1.00	1.00	1.00
3	4	22	0.00	0.30	0.00	0.00	1.00	1.00	1.00
3	4	23	0.00	0.37	0.00	0.00	1.00	1.00	1.00
3	4	24	0.00	0.42	0.00	0.00	1.00	1.00	1.00
3	5	1	0.00	0.42	0.00	0.00	1.00	1.00	1.00
3	5	2	0.00	0.42	0.00	0.00	1.00	1.00	1.00
3	5	3	0.00	0.42	0.00	0.00	1.00	1.00	1.00

3	5	4	0.00	0.43	0.00	0.00	1.00	1.00	1.00
3	5	5	0.00	0.43	0.00	0.00	1.00	1.00	1.00
3	5	6	0.00	0.44	0.00	0.09	1.00	1.00	1.00
3	5	7	0.00	0.41	0.00	0.58	1.00	1.00	1.00
3	5	8	0.00	0.32	0.15	0.90	1.00	1.00	1.00
3	5	9	0.00	0.21	0.42	1.00	1.00	1.00	1.00
3	5	10	0.00	0.14	0.62	1.00	1.00	1.00	1.00
3	5	11	0.00	0.10	0.74	1.00	1.00	1.00	1.00
3	5	12	0.00	0.07	0.82	1.00	1.00	1.00	1.00
3	5	13	0.00	0.04	0.82	0.87	1.00	1.00	1.00
3	5	14	0.00	0.03	0.79	0.73	1.00	1.00	1.00
3	5	15	0.00	0.02	0.68	0.50	1.00	1.00	1.00
3	5	16	0.00	0.03	0.55	0.31	1.00	1.00	1.00
3	5	17	0.00	0.09	0.30	0.09	1.00	1.00	1.00
3	5	18	0.00	0.14	0.03	0.00	1.00	1.00	1.00
3	5	19	0.00	0.17	0.00	0.00	1.00	1.00	1.00
3	5	20	0.00	0.22	0.00	0.00	1.00	1.00	1.00
3	5	21	0.00	0.22	0.00	0.00	1.00	1.00	1.00
3	5	22	0.00	0.24	0.00	0.00	1.00	1.00	1.00
3	5	23	0.00	0.28	0.00	0.00	1.00	1.00	1.00
3	5	24	0.00	0.32	0.00	0.00	1.00	1.00	1.00
3	6	1	0.00	0.36	0.00	0.00	1.00	1.00	1.00
3	6	2	0.00	0.42	0.00	0.00	1.00	1.00	1.00
3	6	3	0.00	0.49	0.00	0.00	1.00	1.00	1.00
3	6	4	0.00	0.61	0.00	0.00	1.00	1.00	1.00
3	6	5	0.00	0.65	0.00	0.00	1.00	1.00	1.00
3	6	6	0.00	0.61	0.00	0.09	1.00	1.00	1.00
3	6	7	0.00	0.52	0.00	0.55	1.00	1.00	1.00
3	6	8	0.00	0.45	0.10	0.90	1.00	1.00	1.00
3	6	9	0.00	0.47	0.36	1.00	1.00	1.00	1.00
3	6	10	0.00	0.55	0.60	1.00	1.00	1.00	1.00
3	6	11	0.00	0.56	0.77	1.00	1.00	1.00	1.00
3	6	12	0.00	0.48	0.85	1.00	1.00	1.00	1.00
3	6	13	0.00	0.44	0.87	1.00	1.00	1.00	1.00
3	6	14	0.00	0.48	0.83	1.00	1.00	1.00	1.00
3	6	15	0.00	0.54	0.72	0.98	1.00	1.00	1.00
3	6	16	0.03	0.61	0.54	0.75	1.00	1.00	1.00
3	6	17	0.10	0.80	0.30	0.34	1.00	1.00	1.00
3	6	18	0.17	0.86	0.04	0.00	1.00	1.00	1.00
3	6	19	0.21	0.78	0.00	0.00	1.00	1.00	1.00
3	6	20	0.25	0.71	0.00	0.00	1.00	1.00	1.00
3	6	21	0.21	0.58	0.00	0.00	1.00	1.00	1.00
3	6	22	0.13	0.50	0.00	0.00	1.00	1.00	1.00
3	6	23	0.07	0.45	0.00	0.00	1.00	1.00	1.00
3	6	24	0.03	0.30	0.00	0.00	1.00	1.00	1.00
3	7	1	0.00	0.21	0.00	0.00	1.00	1.00	1.00
3	7	2	0.00	0.12	0.00	0.00	1.00	1.00	1.00
3	7	3	0.00	0.05	0.00	0.00	1.00	1.00	1.00
3	7	4	0.00	0.03	0.00	0.00	1.00	1.00	1.00

3	7	5	0.00	0.06	0.00	0.00	1.00	1.00	1.00
3	7	6	0.00	0.09	0.00	0.11	1.00	1.00	1.00
3	7	7	0.00	0.13	0.00	0.50	1.00	1.00	1.00
3	7	8	0.00	0.10	0.06	0.77	1.00	1.00	1.00
3	7	9	0.00	0.04	0.20	0.94	1.00	1.00	1.00
3	7	10	0.00	0.03	0.38	1.00	1.00	1.00	1.00
3	7	11	0.00	0.02	0.46	1.00	1.00	1.00	1.00
3	7	12	0.02	0.01	0.50	1.00	1.00	1.00	1.00
3	7	13	0.11	0.01	0.49	0.98	1.00	1.00	1.00
3	7	14	0.23	0.01	0.50	0.79	1.00	1.00	1.00
3	7	15	0.39	0.01	0.43	0.68	1.00	1.00	1.00
3	7	16	0.51	0.01	0.37	0.49	1.00	1.00	1.00
3	7	17	0.63	0.01	0.24	0.19	1.00	1.00	1.00
3	7	18	0.65	0.02	0.03	0.00	1.00	1.00	1.00
3	7	19	0.66	0.06	0.00	0.00	1.00	1.00	1.00
3	7	20	0.51	0.05	0.00	0.00	1.00	1.00	1.00
3	7	21	0.39	0.03	0.00	0.00	1.00	1.00	1.00
3	7	22	0.26	0.02	0.00	0.00	1.00	1.00	1.00
3	7	23	0.14	0.01	0.00	0.00	1.00	1.00	1.00
3	7	24	0.16	0.00	0.00	0.00	1.00	1.00	1.00
3	8	1	0.20	0.00	0.00	0.00	1.00	1.00	1.00
3	8	2	0.20	0.00	0.00	0.00	1.00	1.00	1.00
3	8	3	0.14	0.01	0.00	0.00	1.00	1.00	1.00
3	8	4	0.12	0.00	0.00	0.00	1.00	1.00	1.00
3	8	5	0.15	0.01	0.00	0.00	1.00	1.00	1.00
3	8	6	0.17	0.04	0.00	0.01	1.00	1.00	1.00
3	8	7	0.15	0.08	0.00	0.12	1.00	1.00	1.00
3	8	8	0.10	0.07	0.17	0.25	1.00	1.00	1.00
3	8	9	0.01	0.07	0.44	0.40	1.00	1.00	1.00
3	8	10	0.00	0.10	0.66	0.47	1.00	1.00	1.00
3	8	11	0.00	0.15	0.79	0.56	1.00	1.00	1.00
3	8	12	0.00	0.18	0.88	0.59	1.00	1.00	1.00
3	8	13	0.00	0.24	0.88	0.59	1.00	1.00	1.00
3	8	14	0.00	0.34	0.85	0.48	1.00	1.00	1.00
3	8	15	0.00	0.42	0.76	0.50	1.00	1.00	1.00
3	8	16	0.00	0.37	0.59	0.50	1.00	1.00	1.00
3	8	17	0.03	0.52	0.32	0.28	1.00	1.00	1.00
3	8	18	0.10	0.60	0.04	0.00	1.00	1.00	1.00
3	8	19	0.10	0.36	0.00	0.00	1.00	1.00	1.00
3	8	20	0.08	0.22	0.00	0.00	1.00	1.00	1.00
3	8	21	0.09	0.17	0.00	0.00	1.00	1.00	1.00
3	8	22	0.13	0.15	0.00	0.00	1.00	1.00	1.00
3	8	23	0.11	0.23	0.00	0.00	1.00	1.00	1.00
3	8	24	0.04	0.29	0.00	0.00	1.00	1.00	1.00
3	9	1	0.00	0.32	0.00	0.00	1.00	1.00	1.00
3	9	2	0.00	0.46	0.00	0.00	1.00	1.00	1.00
3	9	3	0.00	0.55	0.00	0.00	1.00	1.00	1.00
3	9	4	0.00	0.48	0.00	0.00	1.00	1.00	1.00
3	9	5	0.00	0.34	0.00	0.00	1.00	1.00	1.00

3	9	6	0.00	0.20	0.00	0.13	1.00	1.00	1.00
3	9	7	0.00	0.10	0.00	0.59	1.00	1.00	1.00
3	9	8	0.00	0.03	0.15	0.90	1.00	1.00	1.00
3	9	9	0.00	0.01	0.37	1.00	1.00	1.00	1.00
3	9	10	0.00	0.04	0.54	1.00	1.00	1.00	1.00
3	9	11	0.00	0.04	0.64	1.00	1.00	1.00	1.00
3	9	12	0.00	0.03	0.73	1.00	1.00	1.00	1.00
3	9	13	0.03	0.01	0.75	1.00	1.00	1.00	1.00
3	9	14	0.09	0.00	0.71	1.00	1.00	1.00	1.00
3	9	15	0.21	0.01	0.58	1.00	1.00	1.00	1.00
3	9	16	0.34	0.01	0.42	0.82	1.00	1.00	1.00
3	9	17	0.35	0.02	0.21	0.44	1.00	1.00	1.00
3	9	18	0.43	0.02	0.02	0.00	1.00	1.00	1.00
3	9	19	0.44	0.03	0.00	0.00	1.00	1.00	1.00
3	9	20	0.44	0.10	0.00	0.00	1.00	1.00	1.00
3	9	21	0.43	0.14	0.00	0.00	1.00	1.00	1.00
3	9	22	0.33	0.13	0.00	0.00	1.00	1.00	1.00
3	9	23	0.32	0.13	0.00	0.00	1.00	1.00	1.00
3	9	24	0.31	0.08	0.00	0.00	1.00	1.00	1.00
3	10	1	0.30	0.06	0.00	0.00	1.00	1.00	1.00
3	10	2	0.28	0.12	0.00	0.00	1.00	1.00	1.00
3	10	3	0.32	0.28	0.00	0.00	1.00	1.00	1.00
3	10	4	0.27	0.43	0.00	0.00	1.00	1.00	1.00
3	10	5	0.20	0.45	0.00	0.00	1.00	1.00	1.00
3	10	6	0.27	0.46	0.00	0.08	1.00	1.00	1.00
3	10	7	0.36	0.38	0.00	0.43	1.00	1.00	1.00
3	10	8	0.27	0.21	0.18	0.55	1.00	1.00	1.00
3	10	9	0.25	0.17	0.46	0.57	1.00	1.00	1.00
3	10	10	0.25	0.16	0.68	0.59	1.00	1.00	1.00
3	10	11	0.21	0.18	0.82	0.60	1.00	1.00	1.00
3	10	12	0.22	0.19	0.88	0.56	1.00	1.00	1.00
3	10	13	0.20	0.26	0.88	0.57	1.00	1.00	1.00
3	10	14	0.18	0.31	0.85	0.44	1.00	1.00	1.00
3	10	15	0.19	0.31	0.75	0.35	1.00	1.00	1.00
3	10	16	0.23	0.22	0.58	0.28	1.00	1.00	1.00
3	10	17	0.24	0.09	0.31	0.17	1.00	1.00	1.00
3	10	18	0.28	0.09	0.04	0.00	1.00	1.00	1.00
3	10	19	0.26	0.08	0.00	0.00	1.00	1.00	1.00
3	10	20	0.27	0.13	0.00	0.00	1.00	1.00	1.00
3	10	21	0.32	0.27	0.00	0.00	1.00	1.00	1.00
3	10	22	0.37	0.39	0.00	0.00	1.00	1.00	1.00
3	10	23	0.30	0.43	0.00	0.00	1.00	1.00	1.00
3	10	24	0.27	0.48	0.00	0.00	1.00	1.00	1.00
3	11	1	0.27	0.47	0.00	0.00	1.00	1.00	1.00
3	11	2	0.26	0.42	0.00	0.00	1.00	1.00	1.00
3	11	3	0.26	0.28	0.00	0.00	1.00	1.00	1.00
3	11	4	0.20	0.26	0.00	0.00	1.00	1.00	1.00
3	11	5	0.17	0.23	0.00	0.00	1.00	1.00	1.00
3	11	6	0.17	0.41	0.00	0.08	1.00	1.00	1.00

3	11	7	0.16	0.70	0.00	0.39	1.00	1.00	1.00
3	11	8	0.12	0.79	0.19	0.59	1.00	1.00	1.00
3	11	9	0.13	0.76	0.47	0.40	1.00	1.00	1.00
3	11	10	0.16	0.70	0.68	0.44	1.00	1.00	1.00
3	11	11	0.19	0.65	0.81	0.46	1.00	1.00	1.00
3	11	12	0.21	0.44	0.87	0.59	1.00	1.00	1.00
3	11	13	0.21	0.47	0.87	0.40	1.00	1.00	1.00
3	11	14	0.24	0.52	0.85	0.46	1.00	1.00	1.00
3	11	15	0.25	0.54	0.76	0.46	1.00	1.00	1.00
3	11	16	0.25	0.57	0.59	0.34	1.00	1.00	1.00
3	11	17	0.23	0.55	0.34	0.16	1.00	1.00	1.00
3	11	18	0.25	0.52	0.05	0.00	1.00	1.00	1.00
3	11	19	0.25	0.44	0.00	0.00	1.00	1.00	1.00
3	11	20	0.23	0.36	0.00	0.00	1.00	1.00	1.00
3	11	21	0.17	0.30	0.00	0.00	1.00	1.00	1.00
3	11	22	0.15	0.28	0.00	0.00	1.00	1.00	1.00
3	11	23	0.15	0.26	0.00	0.00	1.00	1.00	1.00
3	11	24	0.14	0.21	0.00	0.00	1.00	1.00	1.00
3	12	1	0.14	0.15	0.00	0.00	1.00	1.00	1.00
3	12	2	0.15	0.13	0.00	0.00	1.00	1.00	1.00
3	12	3	0.16	0.12	0.00	0.00	1.00	1.00	1.00
3	12	4	0.08	0.15	0.00	0.00	1.00	1.00	1.00
3	12	5	0.01	0.23	0.00	0.00	1.00	1.00	1.00
3	12	6	0.01	0.29	0.00	0.09	1.00	1.00	1.00
3	12	7	0.01	0.32	0.00	0.32	1.00	1.00	1.00
3	12	8	0.00	0.20	0.19	0.37	1.00	1.00	1.00
3	12	9	0.00	0.17	0.47	0.42	1.00	1.00	1.00
3	12	10	0.00	0.17	0.67	0.41	1.00	1.00	1.00
3	12	11	0.00	0.17	0.80	0.42	1.00	1.00	1.00
3	12	12	0.00	0.16	0.86	0.51	1.00	1.00	1.00
3	12	13	0.00	0.17	0.87	0.35	1.00	1.00	1.00
3	12	14	0.00	0.15	0.84	0.38	1.00	1.00	1.00
3	12	15	0.00	0.13	0.75	0.28	1.00	1.00	1.00
3	12	16	0.00	0.08	0.59	0.19	1.00	1.00	1.00
3	12	17	0.00	0.07	0.33	0.10	1.00	1.00	1.00
3	12	18	0.00	0.03	0.04	0.00	1.00	1.00	1.00
3	12	19	0.03	0.00	0.00	0.00	1.00	1.00	1.00
3	12	20	0.04	0.00	0.00	0.00	1.00	1.00	1.00
3	12	21	0.06	0.00	0.00	0.00	1.00	1.00	1.00
3	12	22	0.12	0.01	0.00	0.00	1.00	1.00	1.00
3	12	23	0.12	0.02	0.00	0.00	1.00	1.00	1.00
3	12	24	0.07	0.01	0.00	0.00	1.00	1.00	1.00
3	13	1	0.06	0.00	0.00	0.00	1.00	1.00	1.00
3	13	2	0.06	0.00	0.00	0.00	1.00	1.00	1.00
3	13	3	0.07	0.00	0.00	0.00	1.00	1.00	1.00
3	13	4	0.09	0.00	0.00	0.00	1.00	1.00	1.00
3	13	5	0.11	0.00	0.00	0.00	1.00	1.00	1.00
3	13	6	0.11	0.04	0.00	0.09	1.00	1.00	1.00
3	13	7	0.08	0.05	0.00	0.46	1.00	1.00	1.00

3	13	8	0.05	0.11	0.19	0.77	1.00	1.00	1.00
3	13	9	0.01	0.21	0.46	1.00	1.00	1.00	1.00
3	13	10	0.02	0.30	0.67	1.00	1.00	1.00	1.00
3	13	11	0.01	0.34	0.80	1.00	1.00	1.00	1.00
3	13	12	0.01	0.38	0.86	1.00	1.00	1.00	1.00
3	13	13	0.04	0.37	0.86	1.00	1.00	1.00	1.00
3	13	14	0.11	0.38	0.83	1.00	1.00	1.00	1.00
3	13	15	0.22	0.45	0.75	1.00	1.00	1.00	1.00
3	13	16	0.26	0.52	0.60	0.83	1.00	1.00	1.00
3	13	17	0.25	0.55	0.34	0.38	1.00	1.00	1.00
3	13	18	0.33	0.64	0.04	0.00	1.00	1.00	1.00
3	13	19	0.42	0.66	0.00	0.00	1.00	1.00	1.00
3	13	20	0.38	0.67	0.00	0.00	1.00	1.00	1.00
3	13	21	0.33	0.76	0.00	0.00	1.00	1.00	1.00
3	13	22	0.25	0.86	0.00	0.00	1.00	1.00	1.00
3	13	23	0.21	0.90	0.00	0.00	1.00	1.00	1.00
3	13	24	0.29	0.91	0.00	0.00	1.00	1.00	1.00
3	14	1	0.31	0.92	0.00	0.00	1.00	1.00	1.00
3	14	2	0.23	0.92	0.00	0.00	1.00	1.00	1.00
3	14	3	0.22	0.90	0.00	0.00	1.00	1.00	1.00
3	14	4	0.25	0.86	0.00	0.00	1.00	1.00	1.00
3	14	5	0.23	0.84	0.00	0.00	1.00	1.00	1.00
3	14	6	0.24	0.86	0.00	0.21	1.00	1.00	1.00
3	14	7	0.24	0.83	0.00	0.66	1.00	1.00	1.00
3	14	8	0.21	0.68	0.19	0.92	1.00	1.00	1.00
3	14	9	0.16	0.50	0.46	1.00	1.00	1.00	1.00
3	14	10	0.15	0.42	0.67	1.00	1.00	1.00	1.00
3	14	11	0.15	0.30	0.79	1.00	1.00	1.00	1.00
3	14	12	0.16	0.24	0.86	1.00	1.00	1.00	1.00
3	14	13	0.19	0.27	0.87	1.00	1.00	1.00	1.00
3	14	14	0.24	0.33	0.84	0.97	1.00	1.00	1.00
3	14	15	0.31	0.34	0.75	0.87	1.00	1.00	1.00
3	14	16	0.33	0.32	0.60	0.75	1.00	1.00	1.00
3	14	17	0.36	0.26	0.33	0.34	1.00	1.00	1.00
3	14	18	0.50	0.30	0.04	0.00	1.00	1.00	1.00
3	14	19	0.51	0.41	0.00	0.00	1.00	1.00	1.00
3	14	20	0.57	0.35	0.00	0.00	1.00	1.00	1.00
3	14	21	0.58	0.29	0.00	0.00	1.00	1.00	1.00
3	14	22	0.47	0.28	0.00	0.00	1.00	1.00	1.00
3	14	23	0.40	0.30	0.00	0.00	1.00	1.00	1.00
3	14	24	0.49	0.28	0.00	0.00	1.00	1.00	1.00
3	15	1	0.51	0.23	0.00	0.00	1.00	1.00	1.00
3	15	2	0.49	0.23	0.00	0.00	1.00	1.00	1.00
3	15	3	0.43	0.24	0.00	0.00	1.00	1.00	1.00
3	15	4	0.38	0.29	0.00	0.00	1.00	1.00	1.00
3	15	5	0.28	0.33	0.00	0.00	1.00	1.00	1.00
3	15	6	0.24	0.42	0.00	0.19	1.00	1.00	1.00
3	15	7	0.18	0.35	0.00	0.63	1.00	1.00	1.00
3	15	8	0.07	0.21	0.20	0.88	1.00	1.00	1.00

3	15	9	0.03	0.15	0.48	1.00	1.00	1.00	1.00
3	15	10	0.02	0.10	0.69	1.00	1.00	1.00	1.00
3	15	11	0.03	0.09	0.82	1.00	1.00	1.00	1.00
3	15	12	0.05	0.06	0.88	1.00	1.00	1.00	1.00
3	15	13	0.08	0.04	0.88	1.00	1.00	1.00	1.00
3	15	14	0.10	0.08	0.86	1.00	1.00	1.00	1.00
3	15	15	0.11	0.16	0.78	0.98	1.00	1.00	1.00
3	15	16	0.11	0.20	0.62	0.78	1.00	1.00	1.00
3	15	17	0.13	0.23	0.36	0.32	1.00	1.00	1.00
3	15	18	0.20	0.36	0.05	0.00	1.00	1.00	1.00
3	15	19	0.24	0.39	0.00	0.00	1.00	1.00	1.00
3	15	20	0.21	0.38	0.00	0.00	1.00	1.00	1.00
3	15	21	0.13	0.41	0.00	0.00	1.00	1.00	1.00
3	15	22	0.08	0.35	0.00	0.00	1.00	1.00	1.00
3	15	23	0.13	0.29	0.00	0.00	1.00	1.00	1.00
3	15	24	0.13	0.23	0.00	0.00	1.00	1.00	1.00
3	16	1	0.03	0.19	0.00	0.00	1.00	1.00	1.00
3	16	2	0.00	0.17	0.00	0.00	1.00	1.00	1.00
3	16	3	0.00	0.13	0.00	0.00	1.00	1.00	1.00
3	16	4	0.00	0.07	0.00	0.00	1.00	1.00	1.00
3	16	5	0.00	0.05	0.00	0.00	1.00	1.00	1.00
3	16	6	0.00	0.04	0.00	0.06	1.00	1.00	1.00
3	16	7	0.00	0.03	0.00	0.20	1.00	1.00	1.00
3	16	8	0.00	0.02	0.20	0.44	1.00	1.00	1.00
3	16	9	0.00	0.01	0.47	0.62	1.00	1.00	1.00
3	16	10	0.00	0.01	0.67	0.87	1.00	1.00	1.00
3	16	11	0.00	0.01	0.80	1.00	1.00	1.00	1.00
3	16	12	0.00	0.02	0.86	1.00	1.00	1.00	1.00
3	16	13	0.00	0.06	0.87	1.00	1.00	1.00	1.00
3	16	14	0.00	0.11	0.84	1.00	1.00	1.00	1.00
3	16	15	0.00	0.15	0.75	1.00	1.00	1.00	1.00
3	16	16	0.00	0.19	0.60	0.84	1.00	1.00	1.00
3	16	17	0.00	0.20	0.35	0.32	1.00	1.00	1.00
3	16	18	0.00	0.22	0.04	0.00	1.00	1.00	1.00
3	16	19	0.00	0.23	0.00	0.00	1.00	1.00	1.00
3	16	20	0.00	0.30	0.00	0.00	1.00	1.00	1.00
3	16	21	0.00	0.44	0.00	0.00	1.00	1.00	1.00
3	16	22	0.00	0.56	0.00	0.00	1.00	1.00	1.00
3	16	23	0.00	0.62	0.00	0.00	1.00	1.00	1.00
3	16	24	0.00	0.78	0.00	0.00	1.00	1.00	1.00
3	17	1	0.00	0.88	0.00	0.00	1.00	1.00	1.00
3	17	2	0.00	0.87	0.00	0.00	1.00	1.00	1.00
3	17	3	0.00	0.87	0.00	0.00	1.00	1.00	1.00
3	17	4	0.00	0.85	0.00	0.00	1.00	1.00	1.00
3	17	5	0.00	0.87	0.00	0.00	1.00	1.00	1.00
3	17	6	0.00	0.91	0.00	0.17	1.00	1.00	1.00
3	17	7	0.00	0.87	0.00	0.54	1.00	1.00	1.00
3	17	8	0.00	0.71	0.20	0.75	1.00	1.00	1.00
3	17	9	0.00	0.55	0.46	0.98	1.00	1.00	1.00

3	17	10	0.00	0.40	0.65	1.00	1.00	1.00	1.00
3	17	11	0.00	0.31	0.76	1.00	1.00	1.00	1.00
3	17	12	0.00	0.24	0.82	1.00	1.00	1.00	1.00
3	17	13	0.02	0.20	0.85	1.00	1.00	1.00	1.00
3	17	14	0.05	0.19	0.80	1.00	1.00	1.00	1.00
3	17	15	0.09	0.23	0.72	0.98	1.00	1.00	1.00
3	17	16	0.18	0.26	0.57	0.82	1.00	1.00	1.00
3	17	17	0.32	0.30	0.33	0.30	1.00	1.00	1.00
3	17	18	0.52	0.40	0.04	0.00	1.00	1.00	1.00
3	17	19	0.74	0.45	0.00	0.00	1.00	1.00	1.00
3	17	20	0.74	0.50	0.00	0.00	1.00	1.00	1.00
3	17	21	0.63	0.60	0.00	0.00	1.00	1.00	1.00
3	17	22	0.40	0.66	0.00	0.00	1.00	1.00	1.00
3	17	23	0.30	0.67	0.00	0.00	1.00	1.00	1.00
3	17	24	0.32	0.65	0.00	0.00	1.00	1.00	1.00
3	18	1	0.34	0.62	0.00	0.00	1.00	1.00	1.00
3	18	2	0.32	0.65	0.00	0.00	1.00	1.00	1.00
3	18	3	0.33	0.64	0.00	0.00	1.00	1.00	1.00
3	18	4	0.37	0.67	0.00	0.00	1.00	1.00	1.00
3	18	5	0.37	0.67	0.00	0.00	1.00	1.00	1.00
3	18	6	0.39	0.61	0.00	0.03	1.00	1.00	1.00
3	18	7	0.40	0.62	0.00	0.39	1.00	1.00	1.00
3	18	8	0.37	0.50	0.20	0.62	1.00	1.00	1.00
3	18	9	0.34	0.47	0.46	0.66	1.00	1.00	1.00
3	18	10	0.37	0.47	0.68	0.81	1.00	1.00	1.00
3	18	11	0.36	0.49	0.81	0.88	1.00	1.00	1.00
3	18	12	0.33	0.49	0.87	0.76	1.00	1.00	1.00
3	18	13	0.32	0.36	0.90	0.76	1.00	1.00	1.00
3	18	14	0.31	0.12	0.87	0.63	1.00	1.00	1.00
3	18	15	0.34	0.12	0.77	0.65	1.00	1.00	1.00
3	18	16	0.38	0.24	0.61	0.62	1.00	1.00	1.00
3	18	17	0.50	0.27	0.34	0.18	1.00	1.00	1.00
3	18	18	0.63	0.21	0.04	0.00	1.00	1.00	1.00
3	18	19	0.62	0.13	0.00	0.00	1.00	1.00	1.00
3	18	20	0.56	0.18	0.00	0.00	1.00	1.00	1.00
3	18	21	0.51	0.34	0.00	0.00	1.00	1.00	1.00
3	18	22	0.51	0.35	0.00	0.00	1.00	1.00	1.00
3	18	23	0.48	0.36	0.00	0.00	1.00	1.00	1.00
3	18	24	0.41	0.44	0.00	0.00	1.00	1.00	1.00
3	19	1	0.33	0.61	0.00	0.00	1.00	1.00	1.00
3	19	2	0.28	0.60	0.00	0.00	1.00	1.00	1.00
3	19	3	0.23	0.56	0.00	0.00	1.00	1.00	1.00
3	19	4	0.20	0.64	0.00	0.00	1.00	1.00	1.00
3	19	5	0.18	0.66	0.00	0.00	1.00	1.00	1.00
3	19	6	0.16	0.62	0.00	0.01	1.00	1.00	1.00
3	19	7	0.12	0.50	0.00	0.35	1.00	1.00	1.00
3	19	8	0.06	0.31	0.20	0.49	1.00	1.00	1.00
3	19	9	0.02	0.20	0.45	0.58	1.00	1.00	1.00
3	19	10	0.00	0.14	0.66	0.60	1.00	1.00	1.00

3	19	11	0.00	0.14	0.78	0.58	1.00	1.00	1.00
3	19	12	0.02	0.18	0.81	0.81	1.00	1.00	1.00
3	19	13	0.11	0.23	0.81	0.52	1.00	1.00	1.00
3	19	14	0.28	0.28	0.80	0.61	1.00	1.00	1.00
3	19	15	0.43	0.35	0.71	0.48	1.00	1.00	1.00
3	19	16	0.50	0.39	0.57	0.39	1.00	1.00	1.00
3	19	17	0.58	0.43	0.32	0.11	1.00	1.00	1.00
3	19	18	0.79	0.50	0.04	0.00	1.00	1.00	1.00
3	19	19	0.83	0.59	0.00	0.00	1.00	1.00	1.00
3	19	20	0.75	0.57	0.00	0.00	1.00	1.00	1.00
3	19	21	0.61	0.47	0.00	0.00	1.00	1.00	1.00
3	19	22	0.45	0.40	0.00	0.00	1.00	1.00	1.00
3	19	23	0.43	0.31	0.00	0.00	1.00	1.00	1.00
3	19	24	0.45	0.20	0.00	0.00	1.00	1.00	1.00
3	20	1	0.49	0.17	0.00	0.00	1.00	1.00	1.00
3	20	2	0.56	0.13	0.00	0.00	1.00	1.00	1.00
3	20	3	0.61	0.06	0.00	0.00	1.00	1.00	1.00
3	20	4	0.58	0.02	0.00	0.00	1.00	1.00	1.00
3	20	5	0.54	0.00	0.00	0.00	1.00	1.00	1.00
3	20	6	0.48	0.02	0.00	0.16	1.00	1.00	1.00
3	20	7	0.40	0.02	0.00	0.67	1.00	1.00	1.00
3	20	8	0.30	0.01	0.05	0.94	1.00	1.00	1.00
3	20	9	0.30	0.01	0.16	1.00	1.00	1.00	1.00
3	20	10	0.31	0.07	0.26	1.00	1.00	1.00	1.00
3	20	11	0.44	0.16	0.32	1.00	1.00	1.00	1.00
3	20	12	0.58	0.25	0.44	1.00	1.00	1.00	1.00
3	20	13	0.67	0.33	0.44	1.00	1.00	1.00	1.00
3	20	14	0.77	0.38	0.39	0.98	1.00	1.00	1.00
3	20	15	0.88	0.40	0.38	0.92	1.00	1.00	1.00
3	20	16	0.91	0.40	0.27	0.77	1.00	1.00	1.00
3	20	17	0.92	0.32	0.18	0.37	1.00	1.00	1.00
3	20	18	0.90	0.27	0.02	0.00	1.00	1.00	1.00
3	20	19	0.92	0.33	0.00	0.00	1.00	1.00	1.00
3	20	20	0.77	0.38	0.00	0.00	1.00	1.00	1.00
3	20	21	0.54	0.33	0.00	0.00	1.00	1.00	1.00
3	20	22	0.61	0.42	0.00	0.00	1.00	1.00	1.00
3	20	23	0.79	0.53	0.00	0.00	1.00	1.00	1.00
3	20	24	0.88	0.55	0.00	0.00	1.00	1.00	1.00
3	21	1	0.82	0.52	0.00	0.00	1.00	1.00	1.00
3	21	2	0.63	0.52	0.00	0.00	1.00	1.00	1.00
3	21	3	0.50	0.55	0.00	0.00	1.00	1.00	1.00
3	21	4	0.36	0.57	0.00	0.00	1.00	1.00	1.00
3	21	5	0.33	0.51	0.00	0.00	1.00	1.00	1.00
3	21	6	0.28	0.45	0.00	0.17	1.00	1.00	1.00
3	21	7	0.25	0.36	0.00	0.66	1.00	1.00	1.00
3	21	8	0.17	0.19	0.15	0.87	1.00	1.00	1.00
3	21	9	0.08	0.10	0.34	0.92	1.00	1.00	1.00
3	21	10	0.00	0.12	0.52	1.00	1.00	1.00	1.00
3	21	11	0.00	0.19	0.58	0.91	1.00	1.00	1.00

3	21	12	0.01	0.29	0.64	0.73	1.00	1.00	1.00
3	21	13	0.10	0.34	0.66	0.53	1.00	1.00	1.00
3	21	14	0.18	0.43	0.59	0.48	1.00	1.00	1.00
3	21	15	0.26	0.46	0.57	0.29	1.00	1.00	1.00
3	21	16	0.37	0.48	0.49	0.13	1.00	1.00	1.00
3	21	17	0.46	0.48	0.29	0.05	1.00	1.00	1.00
3	21	18	0.45	0.44	0.04	0.00	1.00	1.00	1.00
3	21	19	0.52	0.44	0.00	0.00	1.00	1.00	1.00
3	21	20	0.60	0.50	0.00	0.00	1.00	1.00	1.00
3	21	21	0.64	0.14	0.00	0.00	1.00	1.00	1.00
3	21	22	0.69	0.25	0.00	0.00	1.00	1.00	1.00
3	21	23	0.72	0.41	0.00	0.00	1.00	1.00	1.00
3	21	24	0.78	0.38	0.00	0.00	1.00	1.00	1.00
3	22	1	0.81	0.15	0.00	0.00	1.00	1.00	1.00
3	22	2	0.79	0.07	0.00	0.00	1.00	1.00	1.00
3	22	3	0.79	0.08	0.00	0.00	1.00	1.00	1.00
3	22	4	0.78	0.11	0.00	0.00	1.00	1.00	1.00
3	22	5	0.72	0.02	0.00	0.00	1.00	1.00	1.00
3	22	6	0.59	0.05	0.00	0.01	1.00	1.00	1.00
3	22	7	0.52	0.01	0.01	0.11	1.00	1.00	1.00
3	22	8	0.53	0.00	0.21	0.23	1.00	1.00	1.00
3	22	9	0.57	0.00	0.47	0.29	1.00	1.00	1.00
3	22	10	0.57	0.01	0.66	0.45	1.00	1.00	1.00
3	22	11	0.56	0.00	0.72	0.56	1.00	1.00	1.00
3	22	12	0.51	0.02	0.71	0.52	1.00	1.00	1.00
3	22	13	0.49	0.08	0.70	0.62	1.00	1.00	1.00
3	22	14	0.48	0.15	0.60	0.58	1.00	1.00	1.00
3	22	15	0.47	0.26	0.53	0.51	1.00	1.00	1.00
3	22	16	0.44	0.10	0.38	0.43	1.00	1.00	1.00
3	22	17	0.45	0.12	0.25	0.14	1.00	1.00	1.00
3	22	18	0.49	0.13	0.05	0.00	1.00	1.00	1.00
3	22	19	0.62	0.14	0.00	0.00	1.00	1.00	1.00
3	22	20	0.67	0.15	0.00	0.00	1.00	1.00	1.00
3	22	21	0.57	0.12	0.00	0.00	1.00	1.00	1.00
3	22	22	0.34	0.03	0.00	0.00	1.00	1.00	1.00
3	22	23	0.26	0.01	0.00	0.00	1.00	1.00	1.00
3	22	24	0.22	0.01	0.00	0.00	1.00	1.00	1.00
3	23	1	0.14	0.02	0.00	0.00	1.00	1.00	1.00
3	23	2	0.12	0.01	0.00	0.00	1.00	1.00	1.00
3	23	3	0.14	0.00	0.00	0.00	1.00	1.00	1.00
3	23	4	0.17	0.00	0.00	0.00	1.00	1.00	1.00
3	23	5	0.20	0.00	0.00	0.00	1.00	1.00	1.00
3	23	6	0.22	0.00	0.00	0.06	1.00	1.00	1.00
3	23	7	0.18	0.00	0.00	0.25	1.00	1.00	1.00
3	23	8	0.16	0.00	0.16	0.32	1.00	1.00	1.00
3	23	9	0.15	0.00	0.37	0.57	1.00	1.00	1.00
3	23	10	0.17	0.00	0.56	0.52	1.00	1.00	1.00
3	23	11	0.18	0.03	0.70	0.61	1.00	1.00	1.00
3	23	12	0.19	0.20	0.78	0.36	1.00	1.00	1.00

3	23	13	0.20	0.39	0.82	0.43	1.00	1.00	1.00
3	23	14	0.26	0.43	0.79	0.21	1.00	1.00	1.00
3	23	15	0.35	0.45	0.73	0.31	1.00	1.00	1.00
3	23	16	0.50	0.12	0.58	0.18	1.00	1.00	1.00
3	23	17	0.70	0.26	0.33	0.13	1.00	1.00	1.00
3	23	18	0.76	0.27	0.05	0.00	1.00	1.00	1.00
3	23	19	0.78	0.19	0.00	0.00	1.00	1.00	1.00
3	23	20	0.78	0.05	0.00	0.00	1.00	1.00	1.00
3	23	21	0.80	0.12	0.00	0.00	1.00	1.00	1.00
3	23	22	0.72	0.23	0.00	0.00	1.00	1.00	1.00
3	23	23	0.70	0.33	0.00	0.00	1.00	1.00	1.00
3	23	24	0.61	0.24	0.00	0.00	1.00	1.00	1.00
3	24	1	0.49	0.21	0.00	0.00	1.00	1.00	1.00
3	24	2	0.39	0.27	0.00	0.00	1.00	1.00	1.00
3	24	3	0.29	0.34	0.00	0.00	1.00	1.00	1.00
3	24	4	0.17	0.37	0.00	0.00	1.00	1.00	1.00
3	24	5	0.08	0.58	0.00	0.00	1.00	1.00	1.00
3	24	6	0.03	0.65	0.00	0.14	1.00	1.00	1.00
3	24	7	0.00	0.61	0.01	0.49	1.00	1.00	1.00
3	24	8	0.00	0.65	0.22	0.70	1.00	1.00	1.00
3	24	9	0.00	0.65	0.50	0.80	1.00	1.00	1.00
3	24	10	0.00	0.63	0.70	0.82	1.00	1.00	1.00
3	24	11	0.00	0.59	0.82	0.71	1.00	1.00	1.00
3	24	12	0.00	0.51	0.88	0.85	1.00	1.00	1.00
3	24	13	0.00	0.49	0.85	0.93	1.00	1.00	1.00
3	24	14	0.00	0.48	0.81	0.92	1.00	1.00	1.00
3	24	15	0.00	0.43	0.72	1.00	1.00	1.00	1.00
3	24	16	0.00	0.41	0.58	0.81	1.00	1.00	1.00
3	24	17	0.05	0.37	0.33	0.40	1.00	1.00	1.00
3	24	18	0.19	0.32	0.05	0.01	1.00	1.00	1.00
3	24	19	0.26	0.28	0.00	0.00	1.00	1.00	1.00
3	24	20	0.34	0.34	0.00	0.00	1.00	1.00	1.00
3	24	21	0.39	0.39	0.00	0.00	1.00	1.00	1.00
3	24	22	0.26	0.34	0.00	0.00	1.00	1.00	1.00
3	24	23	0.15	0.30	0.00	0.00	1.00	1.00	1.00
3	24	24	0.12	0.29	0.00	0.00	1.00	1.00	1.00
3	25	1	0.13	0.22	0.00	0.00	1.00	1.00	1.00
3	25	2	0.11	0.21	0.00	0.00	1.00	1.00	1.00
3	25	3	0.10	0.18	0.00	0.00	1.00	1.00	1.00
3	25	4	0.09	0.14	0.00	0.00	1.00	1.00	1.00
3	25	5	0.08	0.12	0.00	0.00	1.00	1.00	1.00
3	25	6	0.09	0.10	0.00	0.21	1.00	1.00	1.00
3	25	7	0.11	0.06	0.01	0.57	1.00	1.00	1.00
3	25	8	0.11	0.08	0.20	0.64	1.00	1.00	1.00
3	25	9	0.16	0.14	0.43	0.66	1.00	1.00	1.00
3	25	10	0.16	0.15	0.64	0.67	1.00	1.00	1.00
3	25	11	0.15	0.14	0.77	0.65	1.00	1.00	1.00
3	25	12	0.12	0.09	0.84	0.67	1.00	1.00	1.00
3	25	13	0.16	0.06	0.83	0.77	1.00	1.00	1.00

3	25	14	0.29	0.08	0.79	0.71	1.00	1.00	1.00
3	25	15	0.44	0.05	0.68	0.71	1.00	1.00	1.00
3	25	16	0.54	0.01	0.53	0.59	1.00	1.00	1.00
3	25	17	0.62	0.04	0.29	0.24	1.00	1.00	1.00
3	25	18	0.66	0.03	0.05	0.01	1.00	1.00	1.00
3	25	19	0.69	0.03	0.00	0.00	1.00	1.00	1.00
3	25	20	0.59	0.06	0.00	0.00	1.00	1.00	1.00
3	25	21	0.50	0.11	0.00	0.00	1.00	1.00	1.00
3	25	22	0.45	0.10	0.00	0.00	1.00	1.00	1.00
3	25	23	0.39	0.08	0.00	0.00	1.00	1.00	1.00
3	25	24	0.38	0.09	0.00	0.00	1.00	1.00	1.00
3	26	1	0.38	0.08	0.00	0.00	1.00	1.00	1.00
3	26	2	0.39	0.16	0.00	0.00	1.00	1.00	1.00
3	26	3	0.38	0.28	0.00	0.00	1.00	1.00	1.00
3	26	4	0.35	0.34	0.00	0.00	1.00	1.00	1.00
3	26	5	0.35	0.39	0.00	0.00	1.00	1.00	1.00
3	26	6	0.32	0.40	0.00	0.23	1.00	1.00	1.00
3	26	7	0.27	0.36	0.01	0.53	1.00	1.00	1.00
3	26	8	0.21	0.29	0.15	0.64	1.00	1.00	1.00
3	26	9	0.19	0.20	0.36	0.95	1.00	1.00	1.00
3	26	10	0.28	0.10	0.51	0.99	1.00	1.00	1.00
3	26	11	0.43	0.01	0.60	1.00	1.00	1.00	1.00
3	26	12	0.55	0.01	0.66	1.00	1.00	1.00	1.00
3	26	13	0.74	0.00	0.66	0.99	1.00	1.00	1.00
3	26	14	0.88	0.00	0.59	0.94	1.00	1.00	1.00
3	26	15	0.95	0.00	0.48	0.82	1.00	1.00	1.00
3	26	16	0.98	0.00	0.35	0.75	1.00	1.00	1.00
3	26	17	0.98	0.00	0.22	0.42	1.00	1.00	1.00
3	26	18	0.87	0.01	0.04	0.01	1.00	1.00	1.00
3	26	19	0.68	0.02	0.00	0.00	1.00	1.00	1.00
3	26	20	0.77	0.05	0.00	0.00	1.00	1.00	1.00
3	26	21	0.88	0.13	0.00	0.00	1.00	1.00	1.00
3	26	22	0.85	0.12	0.00	0.00	1.00	1.00	1.00
3	26	23	0.79	0.14	0.00	0.00	1.00	1.00	1.00
3	26	24	0.82	0.19	0.00	0.00	1.00	1.00	1.00
3	27	1	0.86	0.24	0.00	0.00	1.00	1.00	1.00
3	27	2	0.93	0.23	0.00	0.00	1.00	1.00	1.00
3	27	3	0.88	0.29	0.00	0.00	1.00	1.00	1.00
3	27	4	0.87	0.34	0.00	0.00	1.00	1.00	1.00
3	27	5	0.72	0.33	0.00	0.00	1.00	1.00	1.00
3	27	6	0.57	0.36	0.00	0.16	1.00	1.00	1.00
3	27	7	0.58	0.34	0.01	0.66	1.00	1.00	1.00
3	27	8	0.82	0.31	0.19	0.95	1.00	1.00	1.00
3	27	9	0.90	0.32	0.42	1.00	1.00	1.00	1.00
3	27	10	0.95	0.37	0.58	1.00	1.00	1.00	1.00
3	27	11	0.97	0.47	0.67	1.00	1.00	1.00	1.00
3	27	12	0.93	0.53	0.61	1.00	1.00	1.00	1.00
3	27	13	0.80	0.56	0.62	1.00	1.00	1.00	1.00
3	27	14	0.79	0.64	0.58	1.00	1.00	1.00	1.00

3	27	15	0.79	0.73	0.56	0.99	1.00	1.00	1.00
3	27	16	0.79	0.75	0.48	0.76	1.00	1.00	1.00
3	27	17	0.79	0.67	0.31	0.35	1.00	1.00	1.00
3	27	18	0.77	0.66	0.05	0.01	1.00	1.00	1.00
3	27	19	0.61	0.67	0.00	0.00	1.00	1.00	1.00
3	27	20	0.56	0.71	0.00	0.00	1.00	1.00	1.00
3	27	21	0.37	0.70	0.00	0.00	1.00	1.00	1.00
3	27	22	0.49	0.69	0.00	0.00	1.00	1.00	1.00
3	27	23	0.71	0.65	0.00	0.00	1.00	1.00	1.00
3	27	24	0.70	0.57	0.00	0.00	1.00	1.00	1.00
3	28	1	0.54	0.52	0.00	0.00	1.00	1.00	1.00
3	28	2	0.40	0.54	0.00	0.00	1.00	1.00	1.00
3	28	3	0.37	0.69	0.00	0.00	1.00	1.00	1.00
3	28	4	0.28	0.80	0.00	0.00	1.00	1.00	1.00
3	28	5	0.27	0.85	0.00	0.00	1.00	1.00	1.00
3	28	6	0.27	0.89	0.00	0.23	1.00	1.00	1.00
3	28	7	0.26	0.82	0.01	0.65	1.00	1.00	1.00
3	28	8	0.12	0.74	0.22	0.95	1.00	1.00	1.00
3	28	9	0.10	0.77	0.51	1.00	1.00	1.00	1.00
3	28	10	0.20	0.79	0.72	1.00	1.00	1.00	1.00
3	28	11	0.23	0.83	0.87	1.00	1.00	1.00	1.00
3	28	12	0.24	0.83	0.91	1.00	1.00	1.00	1.00
3	28	13	0.23	0.79	0.95	1.00	1.00	1.00	1.00
3	28	14	0.35	0.72	0.92	1.00	1.00	1.00	1.00
3	28	15	0.50	0.66	0.80	0.98	1.00	1.00	1.00
3	28	16	0.58	0.61	0.63	0.79	1.00	1.00	1.00
3	28	17	0.65	0.63	0.39	0.47	1.00	1.00	1.00
3	28	18	0.66	0.72	0.07	0.01	1.00	1.00	1.00
3	28	19	0.58	0.73	0.00	0.00	1.00	1.00	1.00
3	28	20	0.43	0.74	0.00	0.00	1.00	1.00	1.00
3	28	21	0.31	0.77	0.00	0.00	1.00	1.00	1.00
3	28	22	0.33	0.74	0.00	0.00	1.00	1.00	1.00
3	28	23	0.38	0.61	0.00	0.00	1.00	1.00	1.00
3	28	24	0.36	0.51	0.00	0.00	1.00	1.00	1.00
3	29	1	0.41	0.31	0.00	0.00	1.00	1.00	1.00
3	29	2	0.48	0.24	0.00	0.00	1.00	1.00	1.00
3	29	3	0.45	0.21	0.00	0.00	1.00	1.00	1.00
3	29	4	0.41	0.17	0.00	0.00	1.00	1.00	1.00
3	29	5	0.44	0.21	0.00	0.00	1.00	1.00	1.00
3	29	6	0.47	0.18	0.00	0.27	1.00	1.00	1.00
3	29	7	0.48	0.08	0.01	0.79	1.00	1.00	1.00
3	29	8	0.51	0.09	0.25	1.00	1.00	1.00	1.00
3	29	9	0.59	0.11	0.53	1.00	1.00	1.00	1.00
3	29	10	0.56	0.13	0.75	0.99	1.00	1.00	1.00
3	29	11	0.57	0.16	0.86	1.00	1.00	1.00	1.00
3	29	12	0.53	0.17	0.93	0.97	1.00	1.00	1.00
3	29	13	0.43	0.17	0.95	1.00	1.00	1.00	1.00
3	29	14	0.36	0.17	0.88	1.00	1.00	1.00	1.00
3	29	15	0.38	0.16	0.77	1.00	1.00	1.00	1.00

3	29	16	0.43	0.16	0.63	0.90	1.00	1.00	1.00
3	29	17	0.49	0.14	0.38	0.53	1.00	1.00	1.00
3	29	18	0.48	0.08	0.07	0.02	1.00	1.00	1.00
3	29	19	0.37	0.04	0.00	0.00	1.00	1.00	1.00
3	29	20	0.30	0.04	0.00	0.00	1.00	1.00	1.00
3	29	21	0.19	0.03	0.00	0.00	1.00	1.00	1.00
3	29	22	0.13	0.01	0.00	0.00	1.00	1.00	1.00
3	29	23	0.16	0.00	0.00	0.00	1.00	1.00	1.00
3	29	24	0.11	0.01	0.00	0.00	1.00	1.00	1.00
3	30	1	0.06	0.00	0.00	0.00	1.00	1.00	1.00
3	30	2	0.04	0.03	0.00	0.00	1.00	1.00	1.00
3	30	3	0.03	0.15	0.00	0.00	1.00	1.00	1.00
3	30	4	0.04	0.20	0.00	0.00	1.00	1.00	1.00
3	30	5	0.03	0.17	0.00	0.00	1.00	1.00	1.00
3	30	6	0.00	0.15	0.00	0.05	1.00	1.00	1.00
3	30	7	0.00	0.13	0.01	0.14	1.00	1.00	1.00
3	30	8	0.00	0.15	0.24	0.19	1.00	1.00	1.00
3	30	9	0.00	0.22	0.52	0.22	1.00	1.00	1.00
3	30	10	0.00	0.24	0.73	0.28	1.00	1.00	1.00
3	30	11	0.00	0.14	0.86	0.28	1.00	1.00	1.00
3	30	12	0.00	0.08	0.91	0.24	1.00	1.00	1.00
3	30	13	0.00	0.05	0.92	0.30	1.00	1.00	1.00
3	30	14	0.00	0.02	0.89	0.18	1.00	1.00	1.00
3	30	15	0.00	0.02	0.79	0.43	1.00	1.00	1.00
3	30	16	0.01	0.00	0.62	0.39	1.00	1.00	1.00
3	30	17	0.14	0.10	0.36	0.30	1.00	1.00	1.00
3	30	18	0.20	0.17	0.06	0.01	1.00	1.00	1.00
3	30	19	0.23	0.03	0.00	0.00	1.00	1.00	1.00
3	30	20	0.23	0.06	0.00	0.00	1.00	1.00	1.00
3	30	21	0.24	0.08	0.00	0.00	1.00	1.00	1.00
3	30	22	0.24	0.12	0.00	0.00	1.00	1.00	1.00
3	30	23	0.18	0.32	0.00	0.00	1.00	1.00	1.00
3	30	24	0.16	0.47	0.00	0.00	1.00	1.00	1.00
3	31	1	0.19	0.59	0.00	0.00	1.00	1.00	1.00
3	31	2	0.14	0.71	0.00	0.00	1.00	1.00	1.00
3	31	3	0.09	0.77	0.00	0.00	1.00	1.00	1.00
3	31	4	0.06	0.71	0.00	0.00	1.00	1.00	1.00
3	31	5	0.05	0.60	0.00	0.00	1.00	1.00	1.00
3	31	6	0.04	0.63	0.00	0.31	1.00	1.00	1.00
3	31	7	0.04	0.53	0.01	0.77	1.00	1.00	1.00
3	31	8	0.02	0.49	0.25	1.00	1.00	1.00	1.00
3	31	9	0.01	0.50	0.52	1.00	1.00	1.00	1.00
3	31	10	0.00	0.52	0.72	1.00	1.00	1.00	1.00
3	31	11	0.00	0.54	0.84	1.00	1.00	1.00	1.00
3	31	12	0.00	0.55	0.89	1.00	1.00	1.00	1.00
3	31	13	0.00	0.51	0.90	1.00	1.00	1.00	1.00
3	31	14	0.01	0.48	0.86	1.00	1.00	1.00	1.00
3	31	15	0.12	0.49	0.77	1.00	1.00	1.00	1.00
3	31	16	0.24	0.53	0.59	0.90	1.00	1.00	1.00

3	31	17	0.30	0.52	0.36	0.50	1.00	1.00	1.00
3	31	18	0.33	0.53	0.06	0.02	1.00	1.00	1.00
3	31	19	0.27	0.51	0.00	0.00	1.00	1.00	1.00
3	31	20	0.31	0.55	0.00	0.00	1.00	1.00	1.00
3	31	21	0.39	0.69	0.00	0.00	1.00	1.00	1.00
3	31	22	0.37	0.81	0.00	0.00	1.00	1.00	1.00
3	31	23	0.34	0.85	0.00	0.00	1.00	1.00	1.00
3	31	24	0.29	0.87	0.00	0.00	1.00	1.00	1.00
4	1	1	0.29	0.85	0.00	0.00	1.00	1.00	1.00
4	1	2	0.22	0.84	0.00	0.00	1.00	1.00	1.00
4	1	3	0.20	0.82	0.00	0.00	1.00	1.00	1.00
4	1	4	0.20	0.75	0.00	0.00	1.00	1.00	1.00
4	1	5	0.17	0.68	0.00	0.00	1.00	1.00	1.00
4	1	6	0.17	0.56	0.00	0.33	1.00	1.00	1.00
4	1	7	0.18	0.41	0.01	0.76	1.00	1.00	1.00
4	1	8	0.14	0.29	0.21	1.00	1.00	1.00	1.00
4	1	9	0.07	0.26	0.47	1.00	1.00	1.00	1.00
4	1	10	0.02	0.26	0.66	1.00	1.00	1.00	1.00
4	1	11	0.00	0.25	0.77	1.00	1.00	1.00	1.00
4	1	12	0.00	0.22	0.84	1.00	1.00	1.00	1.00
4	1	13	0.07	0.22	0.83	1.00	1.00	1.00	1.00
4	1	14	0.26	0.22	0.79	1.00	1.00	1.00	1.00
4	1	15	0.50	0.24	0.69	1.00	1.00	1.00	1.00
4	1	16	0.64	0.32	0.53	0.87	1.00	1.00	1.00
4	1	17	0.71	0.38	0.30	0.47	1.00	1.00	1.00
4	1	18	0.70	0.46	0.05	0.02	1.00	1.00	1.00
4	1	19	0.79	0.46	0.00	0.00	1.00	1.00	1.00
4	1	20	0.77	0.42	0.00	0.00	1.00	1.00	1.00
4	1	21	0.63	0.48	0.00	0.00	1.00	1.00	1.00
4	1	22	0.51	0.59	0.00	0.00	1.00	1.00	1.00
4	1	23	0.46	0.66	0.00	0.00	1.00	1.00	1.00
4	1	24	0.43	0.72	0.00	0.00	1.00	1.00	1.00
4	2	1	0.51	0.69	0.00	0.00	1.00	1.00	1.00
4	2	2	0.56	0.64	0.00	0.00	1.00	1.00	1.00
4	2	3	0.51	0.60	0.00	0.00	1.00	1.00	1.00
4	2	4	0.43	0.56	0.00	0.00	1.00	1.00	1.00
4	2	5	0.38	0.55	0.00	0.00	1.00	1.00	1.00
4	2	6	0.41	0.55	0.00	0.35	1.00	1.00	1.00
4	2	7	0.46	0.44	0.01	0.74	1.00	1.00	1.00
4	2	8	0.45	0.32	0.19	0.96	1.00	1.00	1.00
4	2	9	0.45	0.37	0.45	1.00	1.00	1.00	1.00
4	2	10	0.42	0.40	0.66	1.00	1.00	1.00	1.00
4	2	11	0.40	0.44	0.80	1.00	1.00	1.00	1.00
4	2	12	0.40	0.51	0.84	1.00	1.00	1.00	1.00
4	2	13	0.41	0.52	0.83	1.00	1.00	1.00	1.00
4	2	14	0.49	0.57	0.79	0.96	1.00	1.00	1.00
4	2	15	0.52	0.67	0.65	0.87	1.00	1.00	1.00
4	2	16	0.55	0.75	0.48	0.75	1.00	1.00	1.00
4	2	17	0.53	0.74	0.27	0.38	1.00	1.00	1.00

4	2	18	0.56	0.85	0.05	0.02	1.00	1.00	1.00
4	2	19	0.63	0.91	0.00	0.00	1.00	1.00	1.00
4	2	20	0.63	0.94	0.00	0.00	1.00	1.00	1.00
4	2	21	0.67	0.93	0.00	0.00	1.00	1.00	1.00
4	2	22	0.61	0.91	0.00	0.00	1.00	1.00	1.00
4	2	23	0.56	0.94	0.00	0.00	1.00	1.00	1.00
4	2	24	0.58	0.93	0.00	0.00	1.00	1.00	1.00
4	3	1	0.55	0.93	0.00	0.00	1.00	1.00	1.00
4	3	2	0.52	0.92	0.00	0.00	1.00	1.00	1.00
4	3	3	0.44	0.88	0.00	0.00	1.00	1.00	1.00
4	3	4	0.37	0.82	0.00	0.00	1.00	1.00	1.00
4	3	5	0.24	0.71	0.00	0.00	1.00	1.00	1.00
4	3	6	0.13	0.54	0.00	0.29	1.00	1.00	1.00
4	3	7	0.06	0.25	0.01	0.69	1.00	1.00	1.00
4	3	8	0.01	0.10	0.24	0.90	1.00	1.00	1.00
4	3	9	0.00	0.05	0.51	1.00	1.00	1.00	1.00
4	3	10	0.00	0.01	0.70	1.00	1.00	1.00	1.00
4	3	11	0.00	0.00	0.82	1.00	1.00	1.00	1.00
4	3	12	0.00	0.00	0.87	0.99	1.00	1.00	1.00
4	3	13	0.00	0.01	0.87	1.00	1.00	1.00	1.00
4	3	14	0.00	0.03	0.84	0.90	1.00	1.00	1.00
4	3	15	0.00	0.06	0.75	0.74	1.00	1.00	1.00
4	3	16	0.03	0.11	0.59	0.60	1.00	1.00	1.00
4	3	17	0.17	0.17	0.35	0.28	1.00	1.00	1.00
4	3	18	0.26	0.23	0.06	0.01	1.00	1.00	1.00
4	3	19	0.31	0.19	0.00	0.00	1.00	1.00	1.00
4	3	20	0.34	0.12	0.00	0.00	1.00	1.00	1.00
4	3	21	0.28	0.10	0.00	0.00	1.00	1.00	1.00
4	3	22	0.26	0.17	0.00	0.00	1.00	1.00	1.00
4	3	23	0.24	0.23	0.00	0.00	1.00	1.00	1.00
4	3	24	0.21	0.33	0.00	0.00	1.00	1.00	1.00
4	4	1	0.15	0.39	0.00	0.00	1.00	1.00	1.00
4	4	2	0.12	0.41	0.00	0.00	1.00	1.00	1.00
4	4	3	0.10	0.37	0.00	0.00	1.00	1.00	1.00
4	4	4	0.09	0.40	0.00	0.00	1.00	1.00	1.00
4	4	5	0.07	0.40	0.00	0.00	1.00	1.00	1.00
4	4	6	0.04	0.33	0.00	0.17	1.00	1.00	1.00
4	4	7	0.01	0.22	0.01	0.35	1.00	1.00	1.00
4	4	8	0.00	0.13	0.15	0.62	1.00	1.00	1.00
4	4	9	0.00	0.11	0.37	0.85	1.00	1.00	1.00
4	4	10	0.00	0.11	0.54	1.00	1.00	1.00	1.00
4	4	11	0.00	0.11	0.63	1.00	1.00	1.00	1.00
4	4	12	0.00	0.12	0.67	1.00	1.00	1.00	1.00
4	4	13	0.00	0.14	0.64	1.00	1.00	1.00	1.00
4	4	14	0.00	0.17	0.47	1.00	1.00	1.00	1.00
4	4	15	0.00	0.22	0.33	1.00	1.00	1.00	1.00
4	4	16	0.02	0.30	0.24	0.84	1.00	1.00	1.00
4	4	17	0.07	0.39	0.15	0.48	1.00	1.00	1.00
4	4	18	0.20	0.40	0.03	0.03	1.00	1.00	1.00

4	4	19	0.31	0.42	0.00	0.00	1.00	1.00	1.00
4	4	20	0.33	0.38	0.00	0.00	1.00	1.00	1.00
4	4	21	0.42	0.35	0.00	0.00	1.00	1.00	1.00
4	4	22	0.50	0.33	0.00	0.00	1.00	1.00	1.00
4	4	23	0.33	0.35	0.00	0.00	1.00	1.00	1.00
4	4	24	0.12	0.26	0.00	0.00	1.00	1.00	1.00
4	5	1	0.02	0.15	0.00	0.00	1.00	1.00	1.00
4	5	2	0.01	0.05	0.00	0.00	1.00	1.00	1.00
4	5	3	0.00	0.04	0.00	0.00	1.00	1.00	1.00
4	5	4	0.00	0.04	0.00	0.00	1.00	1.00	1.00
4	5	5	0.00	0.06	0.00	0.00	1.00	1.00	1.00
4	5	6	0.00	0.07	0.00	0.18	1.00	1.00	1.00
4	5	7	0.00	0.09	0.00	0.38	1.00	1.00	1.00
4	5	8	0.00	0.12	0.08	0.68	1.00	1.00	1.00
4	5	9	0.00	0.20	0.20	0.88	1.00	1.00	1.00
4	5	10	0.00	0.26	0.38	1.00	1.00	1.00	1.00
4	5	11	0.00	0.30	0.49	0.97	1.00	1.00	1.00
4	5	12	0.01	0.43	0.62	0.90	1.00	1.00	1.00
4	5	13	0.01	0.54	0.69	0.74	1.00	1.00	1.00
4	5	14	0.02	0.55	0.62	0.73	1.00	1.00	1.00
4	5	15	0.05	0.49	0.48	0.67	1.00	1.00	1.00
4	5	16	0.09	0.44	0.36	0.51	1.00	1.00	1.00
4	5	17	0.15	0.35	0.21	0.21	1.00	1.00	1.00
4	5	18	0.32	0.25	0.04	0.01	1.00	1.00	1.00
4	5	19	0.42	0.13	0.00	0.00	1.00	1.00	1.00
4	5	20	0.48	0.11	0.00	0.00	1.00	1.00	1.00
4	5	21	0.41	0.22	0.00	0.00	1.00	1.00	1.00
4	5	22	0.31	0.32	0.00	0.00	1.00	1.00	1.00
4	5	23	0.25	0.29	0.00	0.00	1.00	1.00	1.00
4	5	24	0.19	0.40	0.00	0.00	1.00	1.00	1.00
4	6	1	0.19	0.32	0.00	0.00	1.00	1.00	1.00
4	6	2	0.20	0.22	0.00	0.00	1.00	1.00	1.00
4	6	3	0.21	0.18	0.00	0.00	1.00	1.00	1.00
4	6	4	0.13	0.14	0.00	0.00	1.00	1.00	1.00
4	6	5	0.11	0.07	0.00	0.00	1.00	1.00	1.00
4	6	6	0.11	0.04	0.00	0.00	1.00	1.00	1.00
4	6	7	0.08	0.02	0.01	0.05	1.00	1.00	1.00
4	6	8	0.03	0.03	0.19	0.11	1.00	1.00	1.00
4	6	9	0.02	0.03	0.43	0.15	1.00	1.00	1.00
4	6	10	0.02	0.06	0.60	0.23	1.00	1.00	1.00
4	6	11	0.02	0.12	0.75	0.23	1.00	1.00	1.00
4	6	12	0.02	0.15	0.79	0.24	1.00	1.00	1.00
4	6	13	0.05	0.21	0.80	0.24	1.00	1.00	1.00
4	6	14	0.12	0.27	0.74	0.19	1.00	1.00	1.00
4	6	15	0.30	0.31	0.66	0.15	1.00	1.00	1.00
4	6	16	0.31	0.36	0.49	0.07	1.00	1.00	1.00
4	6	17	0.17	0.35	0.30	0.09	1.00	1.00	1.00
4	6	18	0.36	0.27	0.07	0.00	1.00	1.00	1.00
4	6	19	0.39	0.22	0.00	0.00	1.00	1.00	1.00

4	6	20	0.40	0.24	0.00	0.00	1.00	1.00	1.00
4	6	21	0.53	0.23	0.00	0.00	1.00	1.00	1.00
4	6	22	0.59	0.17	0.00	0.00	1.00	1.00	1.00
4	6	23	0.60	0.19	0.00	0.00	1.00	1.00	1.00
4	6	24	0.53	0.17	0.00	0.00	1.00	1.00	1.00
4	7	1	0.47	0.12	0.00	0.00	1.00	1.00	1.00
4	7	2	0.39	0.12	0.00	0.00	1.00	1.00	1.00
4	7	3	0.35	0.11	0.00	0.00	1.00	1.00	1.00
4	7	4	0.31	0.12	0.00	0.00	1.00	1.00	1.00
4	7	5	0.30	0.13	0.00	0.00	1.00	1.00	1.00
4	7	6	0.28	0.14	0.00	0.05	1.00	1.00	1.00
4	7	7	0.26	0.14	0.02	0.05	1.00	1.00	1.00
4	7	8	0.25	0.12	0.20	0.12	1.00	1.00	1.00
4	7	9	0.25	0.12	0.41	0.09	1.00	1.00	1.00
4	7	10	0.30	0.11	0.56	0.26	1.00	1.00	1.00
4	7	11	0.34	0.09	0.69	0.27	1.00	1.00	1.00
4	7	12	0.34	0.06	0.75	0.35	1.00	1.00	1.00
4	7	13	0.36	0.06	0.76	0.42	1.00	1.00	1.00
4	7	14	0.39	0.08	0.68	0.50	1.00	1.00	1.00
4	7	15	0.42	0.09	0.56	0.40	1.00	1.00	1.00
4	7	16	0.47	0.11	0.44	0.33	1.00	1.00	1.00
4	7	17	0.51	0.15	0.26	0.22	1.00	1.00	1.00
4	7	18	0.77	0.16	0.06	0.02	1.00	1.00	1.00
4	7	19	0.62	0.10	0.00	0.00	1.00	1.00	1.00
4	7	20	0.39	0.08	0.00	0.00	1.00	1.00	1.00
4	7	21	0.38	0.05	0.00	0.00	1.00	1.00	1.00
4	7	22	0.41	0.02	0.00	0.00	1.00	1.00	1.00
4	7	23	0.34	0.01	0.00	0.00	1.00	1.00	1.00
4	7	24	0.41	0.02	0.00	0.00	1.00	1.00	1.00
4	8	1	0.42	0.02	0.00	0.00	1.00	1.00	1.00
4	8	2	0.42	0.07	0.00	0.00	1.00	1.00	1.00
4	8	3	0.41	0.14	0.00	0.00	1.00	1.00	1.00
4	8	4	0.38	0.19	0.00	0.00	1.00	1.00	1.00
4	8	5	0.42	0.27	0.00	0.01	1.00	1.00	1.00
4	8	6	0.45	0.34	0.00	0.25	1.00	1.00	1.00
4	8	7	0.48	0.33	0.01	0.50	1.00	1.00	1.00
4	8	8	0.38	0.32	0.17	0.79	1.00	1.00	1.00
4	8	9	0.34	0.44	0.36	0.93	1.00	1.00	1.00
4	8	10	0.28	0.60	0.52	0.90	1.00	1.00	1.00
4	8	11	0.21	0.76	0.70	0.95	1.00	1.00	1.00
4	8	12	0.26	0.80	0.77	0.98	1.00	1.00	1.00
4	8	13	0.33	0.85	0.81	0.94	1.00	1.00	1.00
4	8	14	0.38	0.87	0.77	0.97	1.00	1.00	1.00
4	8	15	0.42	0.83	0.69	0.83	1.00	1.00	1.00
4	8	16	0.53	0.67	0.53	0.65	1.00	1.00	1.00
4	8	17	0.55	0.59	0.31	0.40	1.00	1.00	1.00
4	8	18	0.44	0.58	0.06	0.03	1.00	1.00	1.00
4	8	19	0.49	0.63	0.00	0.00	1.00	1.00	1.00
4	8	20	0.49	0.62	0.00	0.00	1.00	1.00	1.00

4	8	21	0.35	0.69	0.00	0.00	1.00	1.00	1.00
4	8	22	0.33	0.71	0.00	0.00	1.00	1.00	1.00
4	8	23	0.34	0.67	0.00	0.00	1.00	1.00	1.00
4	8	24	0.33	0.77	0.00	0.00	1.00	1.00	1.00
4	9	1	0.34	0.87	0.00	0.00	1.00	1.00	1.00
4	9	2	0.35	0.92	0.00	0.00	1.00	1.00	1.00
4	9	3	0.32	0.92	0.00	0.00	1.00	1.00	1.00
4	9	4	0.27	0.90	0.00	0.00	1.00	1.00	1.00
4	9	5	0.26	0.88	0.00	0.01	1.00	1.00	1.00
4	9	6	0.26	0.87	0.00	0.26	1.00	1.00	1.00
4	9	7	0.27	0.91	0.02	0.48	1.00	1.00	1.00
4	9	8	0.25	0.96	0.25	0.62	1.00	1.00	1.00
4	9	9	0.29	0.96	0.51	0.74	1.00	1.00	1.00
4	9	10	0.29	0.89	0.71	0.70	1.00	1.00	1.00
4	9	11	0.22	0.85	0.83	0.69	1.00	1.00	1.00
4	9	12	0.29	0.84	0.88	0.69	1.00	1.00	1.00
4	9	13	0.33	0.86	0.88	0.72	1.00	1.00	1.00
4	9	14	0.37	0.93	0.83	0.67	1.00	1.00	1.00
4	9	15	0.43	0.96	0.75	0.71	1.00	1.00	1.00
4	9	16	0.60	0.97	0.60	0.53	1.00	1.00	1.00
4	9	17	0.66	0.94	0.35	0.29	1.00	1.00	1.00
4	9	18	0.61	0.94	0.07	0.02	1.00	1.00	1.00
4	9	19	0.62	0.97	0.00	0.00	1.00	1.00	1.00
4	9	20	0.60	0.97	0.00	0.00	1.00	1.00	1.00
4	9	21	0.64	0.93	0.00	0.00	1.00	1.00	1.00
4	9	22	0.69	0.90	0.00	0.00	1.00	1.00	1.00
4	9	23	0.73	0.95	0.00	0.00	1.00	1.00	1.00
4	9	24	0.78	0.90	0.00	0.00	1.00	1.00	1.00
4	10	1	0.76	0.86	0.00	0.00	1.00	1.00	1.00
4	10	2	0.71	0.88	0.00	0.00	1.00	1.00	1.00
4	10	3	0.73	0.88	0.00	0.00	1.00	1.00	1.00
4	10	4	0.66	0.95	0.00	0.00	1.00	1.00	1.00
4	10	5	0.55	0.98	0.00	0.01	1.00	1.00	1.00
4	10	6	0.52	0.96	0.00	0.41	1.00	1.00	1.00
4	10	7	0.44	0.94	0.02	0.79	1.00	1.00	1.00
4	10	8	0.32	0.98	0.26	0.92	1.00	1.00	1.00
4	10	9	0.25	1.00	0.53	0.80	1.00	1.00	1.00
4	10	10	0.27	0.99	0.72	0.87	1.00	1.00	1.00
4	10	11	0.27	0.99	0.84	1.00	1.00	1.00	1.00
4	10	12	0.26	0.99	0.91	1.00	1.00	1.00	1.00
4	10	13	0.27	1.00	0.91	1.00	1.00	1.00	1.00
4	10	14	0.29	0.99	0.87	1.00	1.00	1.00	1.00
4	10	15	0.33	0.99	0.77	1.00	1.00	1.00	1.00
4	10	16	0.33	1.00	0.59	0.83	1.00	1.00	1.00
4	10	17	0.35	0.98	0.34	0.50	1.00	1.00	1.00
4	10	18	0.39	0.89	0.06	0.04	1.00	1.00	1.00
4	10	19	0.50	0.79	0.00	0.00	1.00	1.00	1.00
4	10	20	0.54	0.80	0.00	0.00	1.00	1.00	1.00
4	10	21	0.47	0.83	0.00	0.00	1.00	1.00	1.00

4	10	22	0.49	0.88	0.00	0.00	1.00	1.00	1.00
4	10	23	0.50	0.83	0.00	0.00	1.00	1.00	1.00
4	10	24	0.41	0.70	0.00	0.00	1.00	1.00	1.00
4	11	1	0.34	0.65	0.00	0.00	1.00	1.00	1.00
4	11	2	0.30	0.71	0.00	0.00	1.00	1.00	1.00
4	11	3	0.27	0.72	0.00	0.00	1.00	1.00	1.00
4	11	4	0.24	0.66	0.00	0.00	1.00	1.00	1.00
4	11	5	0.28	0.56	0.00	0.01	1.00	1.00	1.00
4	11	6	0.30	0.50	0.00	0.41	1.00	1.00	1.00
4	11	7	0.28	0.45	0.02	0.82	1.00	1.00	1.00
4	11	8	0.24	0.44	0.21	1.00	1.00	1.00	1.00
4	11	9	0.26	0.44	0.40	1.00	1.00	1.00	1.00
4	11	10	0.32	0.46	0.53	1.00	1.00	1.00	1.00
4	11	11	0.37	0.48	0.65	1.00	1.00	1.00	1.00
4	11	12	0.45	0.54	0.75	1.00	1.00	1.00	1.00
4	11	13	0.48	0.65	0.74	1.00	1.00	1.00	1.00
4	11	14	0.48	0.78	0.70	1.00	1.00	1.00	1.00
4	11	15	0.48	0.81	0.60	0.87	1.00	1.00	1.00
4	11	16	0.46	0.70	0.45	0.69	1.00	1.00	1.00
4	11	17	0.42	0.32	0.24	0.35	1.00	1.00	1.00
4	11	18	0.39	0.09	0.05	0.03	1.00	1.00	1.00
4	11	19	0.44	0.12	0.00	0.00	1.00	1.00	1.00
4	11	20	0.39	0.14	0.00	0.00	1.00	1.00	1.00
4	11	21	0.43	0.17	0.00	0.00	1.00	1.00	1.00
4	11	22	0.49	0.15	0.00	0.00	1.00	1.00	1.00
4	11	23	0.53	0.14	0.00	0.00	1.00	1.00	1.00
4	11	24	0.44	0.07	0.00	0.00	1.00	1.00	1.00
4	12	1	0.35	0.07	0.00	0.00	1.00	1.00	1.00
4	12	2	0.34	0.10	0.00	0.00	1.00	1.00	1.00
4	12	3	0.30	0.14	0.00	0.00	1.00	1.00	1.00
4	12	4	0.27	0.13	0.00	0.00	1.00	1.00	1.00
4	12	5	0.34	0.11	0.00	0.01	1.00	1.00	1.00
4	12	6	0.39	0.09	0.00	0.18	1.00	1.00	1.00
4	12	7	0.41	0.12	0.02	0.57	1.00	1.00	1.00
4	12	8	0.44	0.22	0.24	0.87	1.00	1.00	1.00
4	12	9	0.58	0.34	0.44	1.00	1.00	1.00	1.00
4	12	10	0.68	0.47	0.59	0.99	1.00	1.00	1.00
4	12	11	0.72	0.50	0.66	0.83	1.00	1.00	1.00
4	12	12	0.75	0.54	0.66	0.77	1.00	1.00	1.00
4	12	13	0.80	0.61	0.66	0.68	1.00	1.00	1.00
4	12	14	0.88	0.78	0.68	0.74	1.00	1.00	1.00
4	12	15	0.88	0.85	0.69	0.65	1.00	1.00	1.00
4	12	16	0.91	0.87	0.54	0.48	1.00	1.00	1.00
4	12	17	0.93	0.88	0.35	0.28	1.00	1.00	1.00
4	12	18	0.92	0.77	0.08	0.02	1.00	1.00	1.00
4	12	19	0.91	0.54	0.00	0.00	1.00	1.00	1.00
4	12	20	0.88	0.49	0.00	0.00	1.00	1.00	1.00
4	12	21	0.81	0.49	0.00	0.00	1.00	1.00	1.00
4	12	22	0.77	0.51	0.00	0.00	1.00	1.00	1.00

4	12	23	0.69	0.61	0.00	0.00	1.00	1.00	1.00
4	12	24	0.67	0.78	0.00	0.00	1.00	1.00	1.00
4	13	1	0.67	0.75	0.00	0.00	1.00	1.00	1.00
4	13	2	0.64	0.62	0.00	0.00	1.00	1.00	1.00
4	13	3	0.70	0.62	0.00	0.00	1.00	1.00	1.00
4	13	4	0.69	0.61	0.00	0.00	1.00	1.00	1.00
4	13	5	0.63	0.61	0.00	0.00	1.00	1.00	1.00
4	13	6	0.56	0.45	0.00	0.06	1.00	1.00	1.00
4	13	7	0.52	0.36	0.02	0.14	1.00	1.00	1.00
4	13	8	0.61	0.44	0.27	0.25	1.00	1.00	1.00
4	13	9	0.69	0.63	0.54	0.36	1.00	1.00	1.00
4	13	10	0.66	0.74	0.73	0.45	1.00	1.00	1.00
4	13	11	0.54	0.79	0.86	0.39	1.00	1.00	1.00
4	13	12	0.43	0.91	0.91	0.34	1.00	1.00	1.00
4	13	13	0.36	0.98	0.92	0.33	1.00	1.00	1.00
4	13	14	0.26	0.99	0.87	0.39	1.00	1.00	1.00
4	13	15	0.21	0.98	0.77	0.30	1.00	1.00	1.00
4	13	16	0.16	0.96	0.59	0.17	1.00	1.00	1.00
4	13	17	0.15	0.84	0.33	0.17	1.00	1.00	1.00
4	13	18	0.26	0.74	0.05	0.01	1.00	1.00	1.00
4	13	19	0.43	0.65	0.00	0.00	1.00	1.00	1.00
4	13	20	0.46	0.57	0.00	0.00	1.00	1.00	1.00
4	13	21	0.31	0.50	0.00	0.00	1.00	1.00	1.00
4	13	22	0.15	0.40	0.00	0.00	1.00	1.00	1.00
4	13	23	0.04	0.31	0.00	0.00	1.00	1.00	1.00
4	13	24	0.00	0.28	0.00	0.00	1.00	1.00	1.00
4	14	1	0.00	0.22	0.00	0.00	1.00	1.00	1.00
4	14	2	0.00	0.35	0.00	0.00	1.00	1.00	1.00
4	14	3	0.00	0.46	0.00	0.00	1.00	1.00	1.00
4	14	4	0.00	0.40	0.00	0.00	1.00	1.00	1.00
4	14	5	0.00	0.25	0.00	0.02	1.00	1.00	1.00
4	14	6	0.03	0.16	0.00	0.44	1.00	1.00	1.00
4	14	7	0.04	0.12	0.02	0.85	1.00	1.00	1.00
4	14	8	0.05	0.16	0.17	1.00	1.00	1.00	1.00
4	14	9	0.12	0.14	0.31	1.00	1.00	1.00	1.00
4	14	10	0.22	0.13	0.38	1.00	1.00	1.00	1.00
4	14	11	0.42	0.14	0.44	1.00	1.00	1.00	1.00
4	14	12	0.49	0.15	0.52	1.00	1.00	1.00	1.00
4	14	13	0.60	0.15	0.46	1.00	1.00	1.00	1.00
4	14	14	0.75	0.15	0.39	1.00	1.00	1.00	1.00
4	14	15	0.91	0.19	0.29	1.00	1.00	1.00	1.00
4	14	16	0.95	0.22	0.21	0.91	1.00	1.00	1.00
4	14	17	0.96	0.27	0.14	0.56	1.00	1.00	1.00
4	14	18	0.95	0.29	0.03	0.07	1.00	1.00	1.00
4	14	19	0.89	0.37	0.00	0.00	1.00	1.00	1.00
4	14	20	0.74	0.44	0.00	0.00	1.00	1.00	1.00
4	14	21	0.61	0.48	0.00	0.00	1.00	1.00	1.00
4	14	22	0.54	0.59	0.00	0.00	1.00	1.00	1.00
4	14	23	0.51	0.66	0.00	0.00	1.00	1.00	1.00

4	14	24	0.54	0.62	0.00	0.00	1.00	1.00	1.00
4	15	1	0.52	0.64	0.00	0.00	1.00	1.00	1.00
4	15	2	0.44	0.64	0.00	0.00	1.00	1.00	1.00
4	15	3	0.34	0.58	0.00	0.00	1.00	1.00	1.00
4	15	4	0.43	0.55	0.00	0.00	1.00	1.00	1.00
4	15	5	0.41	0.53	0.00	0.03	1.00	1.00	1.00
4	15	6	0.40	0.50	0.00	0.48	1.00	1.00	1.00
4	15	7	0.44	0.25	0.02	0.84	1.00	1.00	1.00
4	15	8	0.42	0.11	0.21	1.00	1.00	1.00	1.00
4	15	9	0.43	0.08	0.45	1.00	1.00	1.00	1.00
4	15	10	0.40	0.10	0.61	1.00	1.00	1.00	1.00
4	15	11	0.39	0.15	0.65	1.00	1.00	1.00	1.00
4	15	12	0.39	0.29	0.71	1.00	1.00	1.00	1.00
4	15	13	0.65	0.44	0.67	1.00	1.00	1.00	1.00
4	15	14	0.63	0.55	0.62	1.00	1.00	1.00	1.00
4	15	15	0.56	0.67	0.52	1.00	1.00	1.00	1.00
4	15	16	0.43	0.77	0.39	0.88	1.00	1.00	1.00
4	15	17	0.40	0.79	0.27	0.55	1.00	1.00	1.00
4	15	18	0.29	0.74	0.07	0.07	1.00	1.00	1.00
4	15	19	0.27	0.74	0.00	0.00	1.00	1.00	1.00
4	15	20	0.45	0.67	0.00	0.00	1.00	1.00	1.00
4	15	21	0.38	0.55	0.00	0.00	1.00	1.00	1.00
4	15	22	0.34	0.45	0.00	0.00	1.00	1.00	1.00
4	15	23	0.27	0.39	0.00	0.00	1.00	1.00	1.00
4	15	24	0.30	0.32	0.00	0.00	1.00	1.00	1.00
4	16	1	0.30	0.28	0.00	0.00	1.00	1.00	1.00
4	16	2	0.28	0.20	0.00	0.00	1.00	1.00	1.00
4	16	3	0.22	0.13	0.00	0.00	1.00	1.00	1.00
4	16	4	0.09	0.10	0.00	0.00	1.00	1.00	1.00
4	16	5	0.08	0.06	0.00	0.03	1.00	1.00	1.00
4	16	6	0.07	0.03	0.00	0.47	1.00	1.00	1.00
4	16	7	0.00	0.04	0.01	0.83	1.00	1.00	1.00
4	16	8	0.00	0.04	0.17	1.00	1.00	1.00	1.00
4	16	9	0.08	0.05	0.39	1.00	1.00	1.00	1.00
4	16	10	0.16	0.04	0.61	1.00	1.00	1.00	1.00
4	16	11	0.16	0.05	0.75	1.00	1.00	1.00	1.00
4	16	12	0.14	0.12	0.83	1.00	1.00	1.00	1.00
4	16	13	0.16	0.27	0.88	0.93	1.00	1.00	1.00
4	16	14	0.22	0.31	0.81	0.79	1.00	1.00	1.00
4	16	15	0.13	0.39	0.76	0.58	1.00	1.00	1.00
4	16	16	0.18	0.55	0.61	0.26	1.00	1.00	1.00
4	16	17	0.15	0.41	0.37	0.09	1.00	1.00	1.00
4	16	18	0.25	0.29	0.08	0.01	1.00	1.00	1.00
4	16	19	0.32	0.22	0.00	0.00	1.00	1.00	1.00
4	16	20	0.34	0.16	0.00	0.00	1.00	1.00	1.00
4	16	21	0.32	0.14	0.00	0.00	1.00	1.00	1.00
4	16	22	0.42	0.14	0.00	0.00	1.00	1.00	1.00
4	16	23	0.44	0.18	0.00	0.00	1.00	1.00	1.00
4	16	24	0.36	0.21	0.00	0.00	1.00	1.00	1.00

4	17	1	0.29	0.24	0.00	0.00	1.00	1.00	1.00
4	17	2	0.26	0.22	0.00	0.00	1.00	1.00	1.00
4	17	3	0.27	0.16	0.00	0.00	1.00	1.00	1.00
4	17	4	0.29	0.20	0.00	0.00	1.00	1.00	1.00
4	17	5	0.23	0.30	0.00	0.03	1.00	1.00	1.00
4	17	6	0.23	0.43	0.00	0.41	1.00	1.00	1.00
4	17	7	0.25	0.46	0.03	0.74	1.00	1.00	1.00
4	17	8	0.25	0.54	0.26	0.98	1.00	1.00	1.00
4	17	9	0.32	0.63	0.52	0.96	1.00	1.00	1.00
4	17	10	0.42	0.67	0.71	0.74	1.00	1.00	1.00
4	17	11	0.48	0.65	0.79	0.79	1.00	1.00	1.00
4	17	12	0.50	0.42	0.83	0.95	1.00	1.00	1.00
4	17	13	0.53	0.36	0.85	1.00	1.00	1.00	1.00
4	17	14	0.67	0.40	0.80	1.00	1.00	1.00	1.00
4	17	15	0.82	0.39	0.69	1.00	1.00	1.00	1.00
4	17	16	0.86	0.38	0.54	0.83	1.00	1.00	1.00
4	17	17	0.84	0.34	0.32	0.50	1.00	1.00	1.00
4	17	18	0.79	0.32	0.07	0.06	1.00	1.00	1.00
4	17	19	0.74	0.40	0.00	0.00	1.00	1.00	1.00
4	17	20	0.70	0.55	0.00	0.00	1.00	1.00	1.00
4	17	21	0.60	0.51	0.00	0.00	1.00	1.00	1.00
4	17	22	0.58	0.30	0.00	0.00	1.00	1.00	1.00
4	17	23	0.59	0.17	0.00	0.00	1.00	1.00	1.00
4	17	24	0.58	0.10	0.00	0.00	1.00	1.00	1.00
4	18	1	0.52	0.13	0.00	0.00	1.00	1.00	1.00
4	18	2	0.43	0.16	0.00	0.00	1.00	1.00	1.00
4	18	3	0.49	0.15	0.00	0.00	1.00	1.00	1.00
4	18	4	0.59	0.20	0.00	0.00	1.00	1.00	1.00
4	18	5	0.66	0.23	0.00	0.04	1.00	1.00	1.00
4	18	6	0.66	0.19	0.00	0.51	1.00	1.00	1.00
4	18	7	0.53	0.10	0.03	0.84	1.00	1.00	1.00
4	18	8	0.53	0.08	0.27	1.00	1.00	1.00	1.00
4	18	9	0.48	0.13	0.52	1.00	1.00	1.00	1.00
4	18	10	0.49	0.18	0.71	1.00	1.00	1.00	1.00
4	18	11	0.64	0.21	0.81	1.00	1.00	1.00	1.00
4	18	12	0.78	0.24	0.87	1.00	1.00	1.00	1.00
4	18	13	0.85	0.29	0.88	1.00	1.00	1.00	1.00
4	18	14	0.84	0.36	0.87	1.00	1.00	1.00	1.00
4	18	15	0.77	0.40	0.77	0.96	1.00	1.00	1.00
4	18	16	0.72	0.47	0.61	0.85	1.00	1.00	1.00
4	18	17	0.65	0.56	0.38	0.47	1.00	1.00	1.00
4	18	18	0.63	0.59	0.08	0.06	1.00	1.00	1.00
4	18	19	0.57	0.59	0.00	0.00	1.00	1.00	1.00
4	18	20	0.47	0.55	0.00	0.00	1.00	1.00	1.00
4	18	21	0.45	0.55	0.00	0.00	1.00	1.00	1.00
4	18	22	0.33	0.54	0.00	0.00	1.00	1.00	1.00
4	18	23	0.22	0.64	0.00	0.00	1.00	1.00	1.00
4	18	24	0.16	0.67	0.00	0.00	1.00	1.00	1.00
4	19	1	0.12	0.68	0.00	0.00	1.00	1.00	1.00

4	19	2	0.05	0.67	0.00	0.00	1.00	1.00	1.00
4	19	3	0.01	0.54	0.00	0.00	1.00	1.00	1.00
4	19	4	0.00	0.33	0.00	0.00	1.00	1.00	1.00
4	19	5	0.00	0.28	0.00	0.03	1.00	1.00	1.00
4	19	6	0.00	0.28	0.00	0.43	1.00	1.00	1.00
4	19	7	0.00	0.31	0.02	0.74	1.00	1.00	1.00
4	19	8	0.00	0.45	0.24	0.93	1.00	1.00	1.00
4	19	9	0.00	0.56	0.46	1.00	1.00	1.00	1.00
4	19	10	0.00	0.69	0.62	1.00	1.00	1.00	1.00
4	19	11	0.00	0.75	0.72	1.00	1.00	1.00	1.00
4	19	12	0.00	0.74	0.76	1.00	1.00	1.00	1.00
4	19	13	0.00	0.73	0.73	1.00	1.00	1.00	1.00
4	19	14	0.00	0.74	0.66	1.00	1.00	1.00	1.00
4	19	15	0.08	0.63	0.55	0.99	1.00	1.00	1.00
4	19	16	0.20	0.44	0.39	0.78	1.00	1.00	1.00
4	19	17	0.28	0.30	0.20	0.40	1.00	1.00	1.00
4	19	18	0.31	0.11	0.05	0.05	1.00	1.00	1.00
4	19	19	0.34	0.07	0.00	0.00	1.00	1.00	1.00
4	19	20	0.44	0.04	0.00	0.00	1.00	1.00	1.00
4	19	21	0.43	0.05	0.00	0.00	1.00	1.00	1.00
4	19	22	0.42	0.13	0.00	0.00	1.00	1.00	1.00
4	19	23	0.34	0.25	0.00	0.00	1.00	1.00	1.00
4	19	24	0.28	0.21	0.00	0.00	1.00	1.00	1.00
4	20	1	0.37	0.24	0.00	0.00	1.00	1.00	1.00
4	20	2	0.44	0.25	0.00	0.00	1.00	1.00	1.00
4	20	3	0.41	0.28	0.00	0.00	1.00	1.00	1.00
4	20	4	0.41	0.36	0.00	0.00	1.00	1.00	1.00
4	20	5	0.43	0.49	0.00	0.04	1.00	1.00	1.00
4	20	6	0.45	0.54	0.00	0.49	1.00	1.00	1.00
4	20	7	0.41	0.37	0.01	0.83	1.00	1.00	1.00
4	20	8	0.45	0.30	0.10	1.00	1.00	1.00	1.00
4	20	9	0.47	0.37	0.22	1.00	1.00	1.00	1.00
4	20	10	0.40	0.41	0.31	1.00	1.00	1.00	1.00
4	20	11	0.45	0.45	0.37	1.00	1.00	1.00	1.00
4	20	12	0.63	0.52	0.42	1.00	1.00	1.00	1.00
4	20	13	0.59	0.58	0.43	1.00	1.00	1.00	1.00
4	20	14	0.61	0.59	0.42	1.00	1.00	1.00	1.00
4	20	15	0.65	0.61	0.39	0.97	1.00	1.00	1.00
4	20	16	0.59	0.63	0.31	0.84	1.00	1.00	1.00
4	20	17	0.58	0.57	0.22	0.56	1.00	1.00	1.00
4	20	18	0.49	0.45	0.07	0.08	1.00	1.00	1.00
4	20	19	0.39	0.39	0.00	0.00	1.00	1.00	1.00
4	20	20	0.46	0.37	0.00	0.00	1.00	1.00	1.00
4	20	21	0.47	0.57	0.00	0.00	1.00	1.00	1.00
4	20	22	0.50	0.58	0.00	0.00	1.00	1.00	1.00
4	20	23	0.42	0.67	0.00	0.00	1.00	1.00	1.00
4	20	24	0.34	0.74	0.00	0.00	1.00	1.00	1.00
4	21	1	0.37	0.76	0.00	0.00	1.00	1.00	1.00
4	21	2	0.37	0.68	0.00	0.00	1.00	1.00	1.00

4	21	3	0.34	0.59	0.00	0.00	1.00	1.00	1.00
4	21	4	0.35	0.75	0.00	0.00	1.00	1.00	1.00
4	21	5	0.29	0.71	0.00	0.02	1.00	1.00	1.00
4	21	6	0.23	0.62	0.00	0.22	1.00	1.00	1.00
4	21	7	0.18	0.50	0.03	0.50	1.00	1.00	1.00
4	21	8	0.10	0.54	0.27	0.74	1.00	1.00	1.00
4	21	9	0.03	0.83	0.50	0.83	1.00	1.00	1.00
4	21	10	0.00	0.97	0.66	0.82	1.00	1.00	1.00
4	21	11	0.00	0.98	0.71	0.67	1.00	1.00	1.00
4	21	12	0.02	1.00	0.73	0.51	1.00	1.00	1.00
4	21	13	0.10	1.00	0.69	0.62	1.00	1.00	1.00
4	21	14	0.15	1.00	0.65	0.61	1.00	1.00	1.00
4	21	15	0.22	1.00	0.56	0.66	1.00	1.00	1.00
4	21	16	0.27	0.98	0.43	0.65	1.00	1.00	1.00
4	21	17	0.32	0.94	0.23	0.43	1.00	1.00	1.00
4	21	18	0.42	0.83	0.04	0.04	1.00	1.00	1.00
4	21	19	0.46	0.76	0.00	0.00	1.00	1.00	1.00
4	21	20	0.50	0.82	0.00	0.00	1.00	1.00	1.00
4	21	21	0.53	0.78	0.00	0.00	1.00	1.00	1.00
4	21	22	0.55	0.69	0.00	0.00	1.00	1.00	1.00
4	21	23	0.55	0.64	0.00	0.00	1.00	1.00	1.00
4	21	24	0.52	0.62	0.00	0.00	1.00	1.00	1.00
4	22	1	0.44	0.55	0.00	0.00	1.00	1.00	1.00
4	22	2	0.43	0.49	0.00	0.00	1.00	1.00	1.00
4	22	3	0.60	0.44	0.00	0.00	1.00	1.00	1.00
4	22	4	0.59	0.41	0.00	0.00	1.00	1.00	1.00
4	22	5	0.60	0.42	0.00	0.05	1.00	1.00	1.00
4	22	6	0.51	0.41	0.00	0.51	1.00	1.00	1.00
4	22	7	0.47	0.42	0.02	0.86	1.00	1.00	1.00
4	22	8	0.73	0.40	0.13	1.00	1.00	1.00	1.00
4	22	9	0.83	0.35	0.30	1.00	1.00	1.00	1.00
4	22	10	0.89	0.29	0.42	1.00	1.00	1.00	1.00
4	22	11	0.92	0.27	0.48	1.00	1.00	1.00	1.00
4	22	12	0.94	0.26	0.59	1.00	1.00	1.00	1.00
4	22	13	0.98	0.30	0.56	1.00	1.00	1.00	1.00
4	22	14	0.98	0.37	0.57	0.97	1.00	1.00	1.00
4	22	15	0.98	0.41	0.48	0.76	1.00	1.00	1.00
4	22	16	0.97	0.46	0.43	0.73	1.00	1.00	1.00
4	22	17	0.96	0.51	0.28	0.41	1.00	1.00	1.00
4	22	18	0.90	0.42	0.07	0.06	1.00	1.00	1.00
4	22	19	0.76	0.43	0.00	0.00	1.00	1.00	1.00
4	22	20	0.75	0.44	0.00	0.00	1.00	1.00	1.00
4	22	21	0.75	0.44	0.00	0.00	1.00	1.00	1.00
4	22	22	0.59	0.46	0.00	0.00	1.00	1.00	1.00
4	22	23	0.53	0.47	0.00	0.00	1.00	1.00	1.00
4	22	24	0.52	0.42	0.00	0.00	1.00	1.00	1.00
4	23	1	0.49	0.43	0.00	0.00	1.00	1.00	1.00
4	23	2	0.48	0.36	0.00	0.00	1.00	1.00	1.00
4	23	3	0.51	0.24	0.00	0.00	1.00	1.00	1.00

4	23	4	0.53	0.19	0.00	0.00	1.00	1.00	1.00
4	23	5	0.47	0.17	0.00	0.04	1.00	1.00	1.00
4	23	6	0.41	0.14	0.00	0.40	1.00	1.00	1.00
4	23	7	0.37	0.11	0.03	0.63	1.00	1.00	1.00
4	23	8	0.26	0.15	0.24	0.92	1.00	1.00	1.00
4	23	9	0.12	0.25	0.51	1.00	1.00	1.00	1.00
4	23	10	0.03	0.41	0.70	1.00	1.00	1.00	1.00
4	23	11	0.01	0.60	0.83	1.00	1.00	1.00	1.00
4	23	12	0.04	0.75	0.85	1.00	1.00	1.00	1.00
4	23	13	0.09	0.89	0.87	0.96	1.00	1.00	1.00
4	23	14	0.16	0.93	0.85	0.97	1.00	1.00	1.00
4	23	15	0.20	0.95	0.73	0.89	1.00	1.00	1.00
4	23	16	0.27	0.94	0.59	0.82	1.00	1.00	1.00
4	23	17	0.34	0.94	0.37	0.49	1.00	1.00	1.00
4	23	18	0.36	0.76	0.10	0.04	1.00	1.00	1.00
4	23	19	0.42	0.67	0.00	0.00	1.00	1.00	1.00
4	23	20	0.46	0.67	0.00	0.00	1.00	1.00	1.00
4	23	21	0.46	0.77	0.00	0.00	1.00	1.00	1.00
4	23	22	0.38	0.87	0.00	0.00	1.00	1.00	1.00
4	23	23	0.31	0.87	0.00	0.00	1.00	1.00	1.00
4	23	24	0.30	0.94	0.00	0.00	1.00	1.00	1.00
4	24	1	0.32	0.96	0.00	0.00	1.00	1.00	1.00
4	24	2	0.29	0.92	0.00	0.00	1.00	1.00	1.00
4	24	3	0.20	0.81	0.00	0.00	1.00	1.00	1.00
4	24	4	0.09	0.76	0.00	0.00	1.00	1.00	1.00
4	24	5	0.03	0.73	0.00	0.06	1.00	1.00	1.00
4	24	6	0.00	0.70	0.00	0.47	1.00	1.00	1.00
4	24	7	0.00	0.70	0.03	0.79	1.00	1.00	1.00
4	24	8	0.00	0.79	0.29	0.90	1.00	1.00	1.00
4	24	9	0.00	0.92	0.55	0.91	1.00	1.00	1.00
4	24	10	0.07	0.96	0.74	0.96	1.00	1.00	1.00
4	24	11	0.17	0.97	0.85	0.94	1.00	1.00	1.00
4	24	12	0.16	0.99	0.90	0.95	1.00	1.00	1.00
4	24	13	0.17	1.00	0.91	0.82	1.00	1.00	1.00
4	24	14	0.20	1.00	0.87	0.76	1.00	1.00	1.00
4	24	15	0.19	0.99	0.77	0.37	1.00	1.00	1.00
4	24	16	0.22	0.97	0.62	0.47	1.00	1.00	1.00
4	24	17	0.34	0.90	0.38	0.26	1.00	1.00	1.00
4	24	18	0.41	0.88	0.09	0.01	1.00	1.00	1.00
4	24	19	0.49	0.78	0.00	0.00	1.00	1.00	1.00
4	24	20	0.44	0.81	0.00	0.00	1.00	1.00	1.00
4	24	21	0.31	0.68	0.00	0.00	1.00	1.00	1.00
4	24	22	0.23	0.59	0.00	0.00	1.00	1.00	1.00
4	24	23	0.24	0.56	0.00	0.00	1.00	1.00	1.00
4	24	24	0.20	0.60	0.00	0.00	1.00	1.00	1.00
4	25	1	0.17	0.59	0.00	0.00	1.00	1.00	1.00
4	25	2	0.11	0.42	0.00	0.00	1.00	1.00	1.00
4	25	3	0.06	0.38	0.00	0.00	1.00	1.00	1.00
4	25	4	0.01	0.28	0.00	0.00	1.00	1.00	1.00

4	25	5	0.00	0.34	0.00	0.08	1.00	1.00	1.00
4	25	6	0.00	0.27	0.00	0.55	1.00	1.00	1.00
4	25	7	0.00	0.12	0.03	0.87	1.00	1.00	1.00
4	25	8	0.00	0.06	0.28	1.00	1.00	1.00	1.00
4	25	9	0.00	0.02	0.53	1.00	1.00	1.00	1.00
4	25	10	0.00	0.07	0.70	1.00	1.00	1.00	1.00
4	25	11	0.00	0.13	0.80	1.00	1.00	1.00	1.00
4	25	12	0.00	0.17	0.85	1.00	1.00	1.00	1.00
4	25	13	0.00	0.17	0.82	1.00	1.00	1.00	1.00
4	25	14	0.02	0.17	0.77	1.00	1.00	1.00	1.00
4	25	15	0.15	0.20	0.66	1.00	1.00	1.00	1.00
4	25	16	0.25	0.21	0.51	0.85	1.00	1.00	1.00
4	25	17	0.30	0.21	0.33	0.56	1.00	1.00	1.00
4	25	18	0.39	0.22	0.08	0.07	1.00	1.00	1.00
4	25	19	0.45	0.20	0.00	0.00	1.00	1.00	1.00
4	25	20	0.46	0.17	0.00	0.00	1.00	1.00	1.00
4	25	21	0.42	0.20	0.00	0.00	1.00	1.00	1.00
4	25	22	0.38	0.15	0.00	0.00	1.00	1.00	1.00
4	25	23	0.35	0.10	0.00	0.00	1.00	1.00	1.00
4	25	24	0.36	0.08	0.00	0.00	1.00	1.00	1.00
4	26	1	0.31	0.05	0.00	0.00	1.00	1.00	1.00
4	26	2	0.28	0.01	0.00	0.00	1.00	1.00	1.00
4	26	3	0.31	0.01	0.00	0.00	1.00	1.00	1.00
4	26	4	0.28	0.03	0.00	0.00	1.00	1.00	1.00
4	26	5	0.24	0.04	0.00	0.08	1.00	1.00	1.00
4	26	6	0.31	0.02	0.00	0.50	1.00	1.00	1.00
4	26	7	0.16	0.00	0.03	0.83	1.00	1.00	1.00
4	26	8	0.13	0.02	0.28	0.99	1.00	1.00	1.00
4	26	9	0.22	0.02	0.53	1.00	1.00	1.00	1.00
4	26	10	0.23	0.03	0.71	1.00	1.00	1.00	1.00
4	26	11	0.17	0.04	0.82	1.00	1.00	1.00	1.00
4	26	12	0.16	0.06	0.87	1.00	1.00	1.00	1.00
4	26	13	0.19	0.08	0.85	1.00	1.00	1.00	1.00
4	26	14	0.24	0.10	0.83	0.92	1.00	1.00	1.00
4	26	15	0.25	0.13	0.74	0.80	1.00	1.00	1.00
4	26	16	0.24	0.21	0.60	0.76	1.00	1.00	1.00
4	26	17	0.27	0.36	0.36	0.53	1.00	1.00	1.00
4	26	18	0.38	0.40	0.09	0.06	1.00	1.00	1.00
4	26	19	0.46	0.42	0.00	0.00	1.00	1.00	1.00
4	26	20	0.54	0.35	0.00	0.00	1.00	1.00	1.00
4	26	21	0.52	0.38	0.00	0.00	1.00	1.00	1.00
4	26	22	0.46	0.30	0.00	0.00	1.00	1.00	1.00
4	26	23	0.29	0.09	0.00	0.00	1.00	1.00	1.00
4	26	24	0.26	0.00	0.00	0.00	1.00	1.00	1.00
4	27	1	0.27	0.00	0.00	0.00	1.00	1.00	1.00
4	27	2	0.16	0.05	0.00	0.00	1.00	1.00	1.00
4	27	3	0.07	0.09	0.00	0.00	1.00	1.00	1.00
4	27	4	0.05	0.11	0.00	0.00	1.00	1.00	1.00
4	27	5	0.04	0.13	0.00	0.10	1.00	1.00	1.00

4	27	6	0.04	0.19	0.00	0.54	1.00	1.00	1.00
4	27	7	0.00	0.12	0.04	0.85	1.00	1.00	1.00
4	27	8	0.00	0.09	0.29	1.00	1.00	1.00	1.00
4	27	9	0.00	0.07	0.53	1.00	1.00	1.00	1.00
4	27	10	0.01	0.06	0.71	1.00	1.00	1.00	1.00
4	27	11	0.02	0.07	0.81	1.00	1.00	1.00	1.00
4	27	12	0.03	0.06	0.87	1.00	1.00	1.00	1.00
4	27	13	0.02	0.04	0.88	1.00	1.00	1.00	1.00
4	27	14	0.03	0.03	0.83	0.92	1.00	1.00	1.00
4	27	15	0.03	0.02	0.75	0.79	1.00	1.00	1.00
4	27	16	0.03	0.02	0.59	0.73	1.00	1.00	1.00
4	27	17	0.02	0.03	0.36	0.54	1.00	1.00	1.00
4	27	18	0.04	0.06	0.09	0.07	1.00	1.00	1.00
4	27	19	0.23	0.13	0.00	0.00	1.00	1.00	1.00
4	27	20	0.20	0.23	0.00	0.00	1.00	1.00	1.00
4	27	21	0.17	0.28	0.00	0.00	1.00	1.00	1.00
4	27	22	0.13	0.28	0.00	0.00	1.00	1.00	1.00
4	27	23	0.08	0.18	0.00	0.00	1.00	1.00	1.00
4	27	24	0.04	0.12	0.00	0.00	1.00	1.00	1.00
4	28	1	0.01	0.14	0.00	0.00	1.00	1.00	1.00
4	28	2	0.00	0.19	0.00	0.00	1.00	1.00	1.00
4	28	3	0.00	0.20	0.00	0.00	1.00	1.00	1.00
4	28	4	0.00	0.15	0.00	0.00	1.00	1.00	1.00
4	28	5	0.00	0.15	0.00	0.01	1.00	1.00	1.00
4	28	6	0.00	0.12	0.00	0.16	1.00	1.00	1.00
4	28	7	0.00	0.07	0.04	0.35	1.00	1.00	1.00
4	28	8	0.00	0.06	0.28	0.58	1.00	1.00	1.00
4	28	9	0.00	0.08	0.52	0.79	1.00	1.00	1.00
4	28	10	0.00	0.18	0.69	0.67	1.00	1.00	1.00
4	28	11	0.00	0.28	0.80	0.80	1.00	1.00	1.00
4	28	12	0.00	0.34	0.84	0.79	1.00	1.00	1.00
4	28	13	0.00	0.41	0.84	0.84	1.00	1.00	1.00
4	28	14	0.00	0.43	0.80	0.96	1.00	1.00	1.00
4	28	15	0.00	0.42	0.72	0.72	1.00	1.00	1.00
4	28	16	0.00	0.37	0.57	0.58	1.00	1.00	1.00
4	28	17	0.05	0.28	0.34	0.42	1.00	1.00	1.00
4	28	18	0.20	0.29	0.09	0.05	1.00	1.00	1.00
4	28	19	0.28	0.20	0.00	0.00	1.00	1.00	1.00
4	28	20	0.39	0.26	0.00	0.00	1.00	1.00	1.00
4	28	21	0.49	0.27	0.00	0.00	1.00	1.00	1.00
4	28	22	0.46	0.24	0.00	0.00	1.00	1.00	1.00
4	28	23	0.42	0.19	0.00	0.00	1.00	1.00	1.00
4	28	24	0.38	0.12	0.00	0.00	1.00	1.00	1.00
4	29	1	0.32	0.06	0.00	0.00	1.00	1.00	1.00
4	29	2	0.27	0.04	0.00	0.00	1.00	1.00	1.00
4	29	3	0.26	0.03	0.00	0.00	1.00	1.00	1.00
4	29	4	0.24	0.01	0.00	0.00	1.00	1.00	1.00
4	29	5	0.16	0.00	0.00	0.05	1.00	1.00	1.00
4	29	6	0.17	0.01	0.00	0.25	1.00	1.00	1.00

4	29	7	0.15	0.00	0.04	0.46	1.00	1.00	1.00
4	29	8	0.10	0.00	0.26	0.55	1.00	1.00	1.00
4	29	9	0.06	0.01	0.49	0.52	1.00	1.00	1.00
4	29	10	0.05	0.06	0.66	0.42	1.00	1.00	1.00
4	29	11	0.12	0.12	0.77	0.37	1.00	1.00	1.00
4	29	12	0.17	0.20	0.84	0.39	1.00	1.00	1.00
4	29	13	0.22	0.46	0.84	0.28	1.00	1.00	1.00
4	29	14	0.28	0.41	0.80	0.41	1.00	1.00	1.00
4	29	15	0.36	0.20	0.71	0.36	1.00	1.00	1.00
4	29	16	0.43	0.16	0.56	0.35	1.00	1.00	1.00
4	29	17	0.51	0.14	0.34	0.24	1.00	1.00	1.00
4	29	18	0.56	0.06	0.08	0.04	1.00	1.00	1.00
4	29	19	0.59	0.03	0.00	0.00	1.00	1.00	1.00
4	29	20	0.60	0.02	0.00	0.00	1.00	1.00	1.00
4	29	21	0.44	0.01	0.00	0.00	1.00	1.00	1.00
4	29	22	0.30	0.00	0.00	0.00	1.00	1.00	1.00
4	29	23	0.26	0.00	0.00	0.00	1.00	1.00	1.00
4	29	24	0.24	0.03	0.00	0.00	1.00	1.00	1.00
4	30	1	0.24	0.05	0.00	0.00	1.00	1.00	1.00
4	30	2	0.24	0.15	0.00	0.00	1.00	1.00	1.00
4	30	3	0.29	0.34	0.00	0.00	1.00	1.00	1.00
4	30	4	0.36	0.57	0.00	0.00	1.00	1.00	1.00
4	30	5	0.33	0.63	0.00	0.05	1.00	1.00	1.00
4	30	6	0.28	0.62	0.00	0.26	1.00	1.00	1.00
4	30	7	0.25	0.61	0.04	0.49	1.00	1.00	1.00
4	30	8	0.25	0.59	0.28	0.64	1.00	1.00	1.00
4	30	9	0.21	0.50	0.53	0.67	1.00	1.00	1.00
4	30	10	0.22	0.34	0.70	0.74	1.00	1.00	1.00
4	30	11	0.28	0.29	0.80	0.76	1.00	1.00	1.00
4	30	12	0.36	0.35	0.85	0.77	1.00	1.00	1.00
4	30	13	0.46	0.45	0.85	0.82	1.00	1.00	1.00
4	30	14	0.49	0.66	0.78	0.86	1.00	1.00	1.00
4	30	15	0.55	0.50	0.67	0.76	1.00	1.00	1.00
4	30	16	0.61	0.38	0.51	0.68	1.00	1.00	1.00
4	30	17	0.67	0.41	0.32	0.42	1.00	1.00	1.00
4	30	18	0.69	0.54	0.08	0.07	1.00	1.00	1.00
4	30	19	0.72	0.34	0.00	0.00	1.00	1.00	1.00
4	30	20	0.66	0.11	0.00	0.00	1.00	1.00	1.00
4	30	21	0.63	0.30	0.00	0.00	1.00	1.00	1.00
4	30	22	0.53	0.44	0.00	0.00	1.00	1.00	1.00
4	30	23	0.42	0.42	0.00	0.00	1.00	1.00	1.00
4	30	24	0.33	0.41	0.00	0.00	1.00	1.00	1.00
5	1	1	0.24	0.40	0.00	0.00	1.00	1.00	1.00
5	1	2	0.22	0.35	0.00	0.00	1.00	1.00	1.00
5	1	3	0.22	0.20	0.00	0.00	1.00	1.00	1.00
5	1	4	0.27	0.03	0.00	0.00	1.00	1.00	1.00
5	1	5	0.32	0.02	0.00	0.14	1.00	1.00	1.00
5	1	6	0.32	0.04	0.00	0.54	1.00	1.00	1.00
5	1	7	0.23	0.03	0.03	0.82	1.00	1.00	1.00

5	1	8	0.22	0.05	0.21	0.98	1.00	1.00	1.00
5	1	9	0.26	0.09	0.38	1.00	1.00	1.00	1.00
5	1	10	0.40	0.08	0.53	1.00	1.00	1.00	1.00
5	1	11	0.51	0.07	0.60	0.98	1.00	1.00	1.00
5	1	12	0.47	0.07	0.64	0.81	1.00	1.00	1.00
5	1	13	0.55	0.06	0.60	0.68	1.00	1.00	1.00
5	1	14	0.52	0.09	0.57	0.61	1.00	1.00	1.00
5	1	15	0.68	0.15	0.51	0.59	1.00	1.00	1.00
5	1	16	0.83	0.28	0.43	0.44	1.00	1.00	1.00
5	1	17	0.86	0.22	0.27	0.18	1.00	1.00	1.00
5	1	18	0.72	0.19	0.07	0.02	1.00	1.00	1.00
5	1	19	0.63	0.16	0.00	0.00	1.00	1.00	1.00
5	1	20	0.60	0.12	0.00	0.00	1.00	1.00	1.00
5	1	21	0.55	0.13	0.00	0.00	1.00	1.00	1.00
5	1	22	0.52	0.16	0.00	0.00	1.00	1.00	1.00
5	1	23	0.60	0.16	0.00	0.00	1.00	1.00	1.00
5	1	24	0.53	0.07	0.00	0.00	1.00	1.00	1.00
5	2	1	0.52	0.15	0.00	0.00	1.00	1.00	1.00
5	2	2	0.52	0.22	0.00	0.00	1.00	1.00	1.00
5	2	3	0.46	0.23	0.00	0.00	1.00	1.00	1.00
5	2	4	0.46	0.12	0.00	0.00	1.00	1.00	1.00
5	2	5	0.48	0.10	0.00	0.04	1.00	1.00	1.00
5	2	6	0.51	0.27	0.00	0.23	1.00	1.00	1.00
5	2	7	0.47	0.10	0.04	0.36	1.00	1.00	1.00
5	2	8	0.54	0.02	0.26	0.45	1.00	1.00	1.00
5	2	9	0.74	0.00	0.48	0.56	1.00	1.00	1.00
5	2	10	0.81	0.00	0.62	0.62	1.00	1.00	1.00
5	2	11	0.87	0.05	0.71	0.57	1.00	1.00	1.00
5	2	12	0.93	0.31	0.75	0.58	1.00	1.00	1.00
5	2	13	0.97	0.18	0.72	0.37	1.00	1.00	1.00
5	2	14	0.98	0.05	0.67	0.26	1.00	1.00	1.00
5	2	15	0.99	0.06	0.58	0.25	1.00	1.00	1.00
5	2	16	0.99	0.25	0.47	0.32	1.00	1.00	1.00
5	2	17	0.98	0.01	0.30	0.22	1.00	1.00	1.00
5	2	18	0.94	0.00	0.08	0.03	1.00	1.00	1.00
5	2	19	0.82	0.02	0.00	0.00	1.00	1.00	1.00
5	2	20	0.72	0.01	0.00	0.00	1.00	1.00	1.00
5	2	21	0.66	0.00	0.00	0.00	1.00	1.00	1.00
5	2	22	0.61	0.00	0.00	0.00	1.00	1.00	1.00
5	2	23	0.50	0.01	0.00	0.00	1.00	1.00	1.00
5	2	24	0.53	0.05	0.00	0.00	1.00	1.00	1.00
5	3	1	0.46	0.15	0.00	0.00	1.00	1.00	1.00
5	3	2	0.48	0.28	0.00	0.00	1.00	1.00	1.00
5	3	3	0.52	0.43	0.00	0.00	1.00	1.00	1.00
5	3	4	0.55	0.57	0.00	0.00	1.00	1.00	1.00
5	3	5	0.43	0.62	0.00	0.15	1.00	1.00	1.00
5	3	6	0.45	0.50	0.00	0.57	1.00	1.00	1.00
5	3	7	0.52	0.32	0.04	0.85	1.00	1.00	1.00
5	3	8	0.49	0.35	0.28	1.00	1.00	1.00	1.00

5	3	9	0.45	0.34	0.52	1.00	1.00	1.00	1.00
5	3	10	0.43	0.31	0.68	1.00	1.00	1.00	1.00
5	3	11	0.37	0.37	0.76	1.00	1.00	1.00	1.00
5	3	12	0.35	0.50	0.78	1.00	1.00	1.00	1.00
5	3	13	0.35	0.58	0.74	1.00	1.00	1.00	1.00
5	3	14	0.41	0.67	0.72	1.00	1.00	1.00	1.00
5	3	15	0.48	0.68	0.60	1.00	1.00	1.00	1.00
5	3	16	0.52	0.71	0.46	0.87	1.00	1.00	1.00
5	3	17	0.56	0.69	0.28	0.61	1.00	1.00	1.00
5	3	18	0.53	0.56	0.07	0.10	1.00	1.00	1.00
5	3	19	0.43	0.60	0.00	0.00	1.00	1.00	1.00
5	3	20	0.37	0.73	0.00	0.00	1.00	1.00	1.00
5	3	21	0.29	0.70	0.00	0.00	1.00	1.00	1.00
5	3	22	0.38	0.63	0.00	0.00	1.00	1.00	1.00
5	3	23	0.56	0.64	0.00	0.00	1.00	1.00	1.00
5	3	24	0.64	0.64	0.00	0.00	1.00	1.00	1.00
5	4	1	0.60	0.61	0.00	0.00	1.00	1.00	1.00
5	4	2	0.60	0.56	0.00	0.00	1.00	1.00	1.00
5	4	3	0.59	0.54	0.00	0.00	1.00	1.00	1.00
5	4	4	0.54	0.49	0.00	0.00	1.00	1.00	1.00
5	4	5	0.46	0.48	0.00	0.14	1.00	1.00	1.00
5	4	6	0.39	0.45	0.00	0.55	1.00	1.00	1.00
5	4	7	0.35	0.35	0.03	0.79	1.00	1.00	1.00
5	4	8	0.36	0.45	0.21	0.95	1.00	1.00	1.00
5	4	9	0.34	0.57	0.36	0.99	1.00	1.00	1.00
5	4	10	0.35	0.71	0.51	0.96	1.00	1.00	1.00
5	4	11	0.37	0.72	0.58	0.91	1.00	1.00	1.00
5	4	12	0.47	0.67	0.64	0.86	1.00	1.00	1.00
5	4	13	0.52	0.74	0.61	0.80	1.00	1.00	1.00
5	4	14	0.57	0.83	0.61	0.80	1.00	1.00	1.00
5	4	15	0.54	0.89	0.51	0.74	1.00	1.00	1.00
5	4	16	0.75	0.92	0.40	0.53	1.00	1.00	1.00
5	4	17	0.50	0.90	0.25	0.24	1.00	1.00	1.00
5	4	18	0.40	0.75	0.07	0.02	1.00	1.00	1.00
5	4	19	0.47	0.74	0.00	0.00	1.00	1.00	1.00
5	4	20	0.52	0.76	0.00	0.00	1.00	1.00	1.00
5	4	21	0.48	0.82	0.00	0.00	1.00	1.00	1.00
5	4	22	0.54	0.83	0.00	0.00	1.00	1.00	1.00
5	4	23	0.62	0.85	0.00	0.00	1.00	1.00	1.00
5	4	24	0.64	0.82	0.00	0.00	1.00	1.00	1.00
5	5	1	0.68	0.77	0.00	0.00	1.00	1.00	1.00
5	5	2	0.71	0.68	0.00	0.00	1.00	1.00	1.00
5	5	3	0.68	0.60	0.00	0.00	1.00	1.00	1.00
5	5	4	0.67	0.57	0.00	0.00	1.00	1.00	1.00
5	5	5	0.63	0.57	0.00	0.09	1.00	1.00	1.00
5	5	6	0.55	0.57	0.00	0.40	1.00	1.00	1.00
5	5	7	0.52	0.59	0.04	0.62	1.00	1.00	1.00
5	5	8	0.46	0.66	0.28	0.65	1.00	1.00	1.00
5	5	9	0.39	0.70	0.53	0.79	1.00	1.00	1.00

5	5	10	0.40	0.72	0.70	0.70	1.00	1.00	1.00
5	5	11	0.44	0.69	0.80	0.67	1.00	1.00	1.00
5	5	12	0.45	0.68	0.87	0.65	1.00	1.00	1.00
5	5	13	0.51	0.73	0.80	0.64	1.00	1.00	1.00
5	5	14	0.62	0.70	0.77	0.65	1.00	1.00	1.00
5	5	15	0.77	0.65	0.67	0.54	1.00	1.00	1.00
5	5	16	0.87	0.61	0.56	0.56	1.00	1.00	1.00
5	5	17	0.92	0.65	0.35	0.38	1.00	1.00	1.00
5	5	18	0.97	0.47	0.10	0.05	1.00	1.00	1.00
5	5	19	0.92	0.33	0.00	0.00	1.00	1.00	1.00
5	5	20	0.77	0.32	0.00	0.00	1.00	1.00	1.00
5	5	21	0.79	0.36	0.00	0.00	1.00	1.00	1.00
5	5	22	0.53	0.25	0.00	0.00	1.00	1.00	1.00
5	5	23	0.42	0.18	0.00	0.00	1.00	1.00	1.00
5	5	24	0.37	0.12	0.00	0.00	1.00	1.00	1.00
5	6	1	0.30	0.10	0.00	0.00	1.00	1.00	1.00
5	6	2	0.32	0.09	0.00	0.00	1.00	1.00	1.00
5	6	3	0.41	0.07	0.00	0.00	1.00	1.00	1.00
5	6	4	0.44	0.08	0.00	0.00	1.00	1.00	1.00
5	6	5	0.53	0.12	0.00	0.07	1.00	1.00	1.00
5	6	6	0.56	0.10	0.00	0.40	1.00	1.00	1.00
5	6	7	0.53	0.09	0.04	0.63	1.00	1.00	1.00
5	6	8	0.56	0.12	0.30	0.78	1.00	1.00	1.00
5	6	9	0.68	0.16	0.55	0.83	1.00	1.00	1.00
5	6	10	0.66	0.17	0.73	0.70	1.00	1.00	1.00
5	6	11	0.54	0.16	0.84	0.60	1.00	1.00	1.00
5	6	12	0.51	0.20	0.88	0.73	1.00	1.00	1.00
5	6	13	0.47	0.36	0.88	0.80	1.00	1.00	1.00
5	6	14	0.46	0.41	0.84	0.76	1.00	1.00	1.00
5	6	15	0.42	0.44	0.74	0.76	1.00	1.00	1.00
5	6	16	0.45	0.41	0.59	0.75	1.00	1.00	1.00
5	6	17	0.46	0.36	0.36	0.60	1.00	1.00	1.00
5	6	18	0.47	0.26	0.10	0.12	1.00	1.00	1.00
5	6	19	0.45	0.17	0.00	0.00	1.00	1.00	1.00
5	6	20	0.43	0.13	0.00	0.00	1.00	1.00	1.00
5	6	21	0.47	0.15	0.00	0.00	1.00	1.00	1.00
5	6	22	0.46	0.22	0.00	0.00	1.00	1.00	1.00
5	6	23	0.43	0.21	0.00	0.00	1.00	1.00	1.00
5	6	24	0.40	0.13	0.00	0.00	1.00	1.00	1.00
5	7	1	0.37	0.11	0.00	0.00	1.00	1.00	1.00
5	7	2	0.36	0.08	0.00	0.00	1.00	1.00	1.00
5	7	3	0.40	0.07	0.00	0.00	1.00	1.00	1.00
5	7	4	0.43	0.09	0.00	0.00	1.00	1.00	1.00
5	7	5	0.35	0.12	0.00	0.14	1.00	1.00	1.00
5	7	6	0.27	0.07	0.00	0.47	1.00	1.00	1.00
5	7	7	0.19	0.03	0.04	0.74	1.00	1.00	1.00
5	7	8	0.16	0.04	0.29	0.92	1.00	1.00	1.00
5	7	9	0.15	0.05	0.54	1.00	1.00	1.00	1.00
5	7	10	0.18	0.04	0.71	1.00	1.00	1.00	1.00

5	7	11	0.20	0.05	0.81	1.00	1.00	1.00	1.00
5	7	12	0.23	0.03	0.86	0.96	1.00	1.00	1.00
5	7	13	0.19	0.04	0.86	1.00	1.00	1.00	1.00
5	7	14	0.18	0.04	0.83	0.93	1.00	1.00	1.00
5	7	15	0.16	0.04	0.74	0.85	1.00	1.00	1.00
5	7	16	0.18	0.05	0.59	0.77	1.00	1.00	1.00
5	7	17	0.19	0.09	0.37	0.45	1.00	1.00	1.00
5	7	18	0.19	0.17	0.10	0.08	1.00	1.00	1.00
5	7	19	0.15	0.33	0.00	0.00	1.00	1.00	1.00
5	7	20	0.08	0.33	0.00	0.00	1.00	1.00	1.00
5	7	21	0.00	0.35	0.00	0.00	1.00	1.00	1.00
5	7	22	0.00	0.37	0.00	0.00	1.00	1.00	1.00
5	7	23	0.00	0.20	0.00	0.00	1.00	1.00	1.00
5	7	24	0.00	0.16	0.00	0.00	1.00	1.00	1.00
5	8	1	0.00	0.08	0.00	0.00	1.00	1.00	1.00
5	8	2	0.00	0.01	0.00	0.00	1.00	1.00	1.00
5	8	3	0.00	0.03	0.00	0.00	1.00	1.00	1.00
5	8	4	0.04	0.11	0.00	0.00	1.00	1.00	1.00
5	8	5	0.07	0.14	0.00	0.01	1.00	1.00	1.00
5	8	6	0.05	0.10	0.00	0.06	1.00	1.00	1.00
5	8	7	0.00	0.05	0.04	0.15	1.00	1.00	1.00
5	8	8	0.00	0.06	0.29	0.14	1.00	1.00	1.00
5	8	9	0.00	0.10	0.53	0.35	1.00	1.00	1.00
5	8	10	0.00	0.13	0.69	0.54	1.00	1.00	1.00
5	8	11	0.00	0.21	0.79	0.48	1.00	1.00	1.00
5	8	12	0.00	0.27	0.85	0.55	1.00	1.00	1.00
5	8	13	0.00	0.28	0.84	0.71	1.00	1.00	1.00
5	8	14	0.00	0.28	0.81	0.49	1.00	1.00	1.00
5	8	15	0.00	0.13	0.72	0.50	1.00	1.00	1.00
5	8	16	0.00	0.15	0.57	0.57	1.00	1.00	1.00
5	8	17	0.00	0.09	0.36	0.31	1.00	1.00	1.00
5	8	18	0.03	0.08	0.10	0.06	1.00	1.00	1.00
5	8	19	0.25	0.09	0.00	0.00	1.00	1.00	1.00
5	8	20	0.25	0.12	0.00	0.00	1.00	1.00	1.00
5	8	21	0.21	0.10	0.00	0.00	1.00	1.00	1.00
5	8	22	0.18	0.03	0.00	0.00	1.00	1.00	1.00
5	8	23	0.21	0.00	0.00	0.00	1.00	1.00	1.00
5	8	24	0.17	0.00	0.00	0.00	1.00	1.00	1.00
5	9	1	0.09	0.00	0.00	0.00	1.00	1.00	1.00
5	9	2	0.10	0.01	0.00	0.00	1.00	1.00	1.00
5	9	3	0.10	0.00	0.00	0.00	1.00	1.00	1.00
5	9	4	0.10	0.00	0.00	0.00	1.00	1.00	1.00
5	9	5	0.09	0.00	0.00	0.09	1.00	1.00	1.00
5	9	6	0.07	0.00	0.00	0.48	1.00	1.00	1.00
5	9	7	0.01	0.00	0.04	0.58	1.00	1.00	1.00
5	9	8	0.00	0.00	0.28	0.66	1.00	1.00	1.00
5	9	9	0.00	0.00	0.52	0.81	1.00	1.00	1.00
5	9	10	0.01	0.00	0.70	0.71	1.00	1.00	1.00
5	9	11	0.00	0.00	0.79	0.56	1.00	1.00	1.00

5	9	12	0.00	0.00	0.84	0.57	1.00	1.00	1.00
5	9	13	0.03	0.06	0.85	0.71	1.00	1.00	1.00
5	9	14	0.12	0.28	0.81	0.60	1.00	1.00	1.00
5	9	15	0.19	0.16	0.73	0.56	1.00	1.00	1.00
5	9	16	0.24	0.22	0.58	0.56	1.00	1.00	1.00
5	9	17	0.28	0.18	0.36	0.41	1.00	1.00	1.00
5	9	18	0.36	0.17	0.10	0.09	1.00	1.00	1.00
5	9	19	0.52	0.34	0.00	0.00	1.00	1.00	1.00
5	9	20	0.69	0.38	0.00	0.00	1.00	1.00	1.00
5	9	21	0.62	0.48	0.00	0.00	1.00	1.00	1.00
5	9	22	0.49	0.49	0.00	0.00	1.00	1.00	1.00
5	9	23	0.50	0.47	0.00	0.00	1.00	1.00	1.00
5	9	24	0.53	0.57	0.00	0.00	1.00	1.00	1.00
5	10	1	0.50	0.59	0.00	0.00	1.00	1.00	1.00
5	10	2	0.41	0.51	0.00	0.00	1.00	1.00	1.00
5	10	3	0.37	0.43	0.00	0.00	1.00	1.00	1.00
5	10	4	0.29	0.40	0.00	0.00	1.00	1.00	1.00
5	10	5	0.14	0.34	0.00	0.12	1.00	1.00	1.00
5	10	6	0.08	0.20	0.00	0.61	1.00	1.00	1.00
5	10	7	0.02	0.06	0.04	0.87	1.00	1.00	1.00
5	10	8	0.00	0.04	0.29	1.00	1.00	1.00	1.00
5	10	9	0.01	0.01	0.53	1.00	1.00	1.00	1.00
5	10	10	0.05	0.01	0.70	1.00	1.00	1.00	1.00
5	10	11	0.11	0.02	0.80	1.00	1.00	1.00	1.00
5	10	12	0.16	0.03	0.85	0.93	1.00	1.00	1.00
5	10	13	0.23	0.03	0.85	0.99	1.00	1.00	1.00
5	10	14	0.31	0.05	0.81	0.88	1.00	1.00	1.00
5	10	15	0.33	0.07	0.73	0.88	1.00	1.00	1.00
5	10	16	0.34	0.05	0.58	0.77	1.00	1.00	1.00
5	10	17	0.36	0.01	0.35	0.49	1.00	1.00	1.00
5	10	18	0.46	0.02	0.10	0.09	1.00	1.00	1.00
5	10	19	0.62	0.05	0.00	0.00	1.00	1.00	1.00
5	10	20	0.65	0.03	0.00	0.00	1.00	1.00	1.00
5	10	21	0.51	0.00	0.00	0.00	1.00	1.00	1.00
5	10	22	0.38	0.05	0.00	0.00	1.00	1.00	1.00
5	10	23	0.27	0.06	0.00	0.00	1.00	1.00	1.00
5	10	24	0.27	0.02	0.00	0.00	1.00	1.00	1.00
5	11	1	0.18	0.02	0.00	0.00	1.00	1.00	1.00
5	11	2	0.09	0.00	0.00	0.00	1.00	1.00	1.00
5	11	3	0.03	0.00	0.00	0.00	1.00	1.00	1.00
5	11	4	0.03	0.00	0.00	0.00	1.00	1.00	1.00
5	11	5	0.04	0.00	0.00	0.09	1.00	1.00	1.00
5	11	6	0.06	0.00	0.00	0.47	1.00	1.00	1.00
5	11	7	0.01	0.00	0.04	0.83	1.00	1.00	1.00
5	11	8	0.00	0.00	0.28	1.00	1.00	1.00	1.00
5	11	9	0.00	0.00	0.51	1.00	1.00	1.00	1.00
5	11	10	0.00	0.00	0.68	1.00	1.00	1.00	1.00
5	11	11	0.00	0.01	0.78	0.96	1.00	1.00	1.00
5	11	12	0.00	0.01	0.83	0.86	1.00	1.00	1.00

5	11	13	0.03	0.00	0.83	0.86	1.00	1.00	1.00
5	11	14	0.06	0.00	0.79	0.91	1.00	1.00	1.00
5	11	15	0.14	0.00	0.70	0.79	1.00	1.00	1.00
5	11	16	0.27	0.00	0.56	0.67	1.00	1.00	1.00
5	11	17	0.40	0.00	0.34	0.44	1.00	1.00	1.00
5	11	18	0.56	0.00	0.09	0.09	1.00	1.00	1.00
5	11	19	0.65	0.02	0.00	0.00	1.00	1.00	1.00
5	11	20	0.63	0.09	0.00	0.00	1.00	1.00	1.00
5	11	21	0.51	0.10	0.00	0.00	1.00	1.00	1.00
5	11	22	0.37	0.19	0.00	0.00	1.00	1.00	1.00
5	11	23	0.34	0.14	0.00	0.00	1.00	1.00	1.00
5	11	24	0.36	0.06	0.00	0.00	1.00	1.00	1.00
5	12	1	0.36	0.02	0.00	0.00	1.00	1.00	1.00
5	12	2	0.33	0.00	0.00	0.00	1.00	1.00	1.00
5	12	3	0.27	0.00	0.00	0.00	1.00	1.00	1.00
5	12	4	0.21	0.00	0.00	0.00	1.00	1.00	1.00
5	12	5	0.17	0.00	0.00	0.14	1.00	1.00	1.00
5	12	6	0.10	0.00	0.00	0.59	1.00	1.00	1.00
5	12	7	0.03	0.00	0.04	0.86	1.00	1.00	1.00
5	12	8	0.00	0.00	0.27	1.00	1.00	1.00	1.00
5	12	9	0.00	0.00	0.51	1.00	1.00	1.00	1.00
5	12	10	0.05	0.00	0.69	1.00	1.00	1.00	1.00
5	12	11	0.25	0.02	0.80	1.00	1.00	1.00	1.00
5	12	12	0.41	0.03	0.85	0.95	1.00	1.00	1.00
5	12	13	0.55	0.04	0.85	0.99	1.00	1.00	1.00
5	12	14	0.64	0.04	0.81	0.97	1.00	1.00	1.00
5	12	15	0.70	0.04	0.73	0.87	1.00	1.00	1.00
5	12	16	0.74	0.11	0.58	0.79	1.00	1.00	1.00
5	12	17	0.80	0.11	0.35	0.50	1.00	1.00	1.00
5	12	18	0.88	0.05	0.10	0.12	1.00	1.00	1.00
5	12	19	0.85	0.11	0.00	0.00	1.00	1.00	1.00
5	12	20	0.78	0.25	0.00	0.00	1.00	1.00	1.00
5	12	21	0.73	0.41	0.00	0.00	1.00	1.00	1.00
5	12	22	0.69	0.43	0.00	0.00	1.00	1.00	1.00
5	12	23	0.74	0.36	0.00	0.00	1.00	1.00	1.00
5	12	24	0.65	0.30	0.00	0.00	1.00	1.00	1.00
5	13	1	0.55	0.22	0.00	0.00	1.00	1.00	1.00
5	13	2	0.51	0.16	0.00	0.00	1.00	1.00	1.00
5	13	3	0.52	0.10	0.00	0.00	1.00	1.00	1.00
5	13	4	0.50	0.04	0.00	0.00	1.00	1.00	1.00
5	13	5	0.50	0.03	0.00	0.13	1.00	1.00	1.00
5	13	6	0.52	0.01	0.00	0.62	1.00	1.00	1.00
5	13	7	0.39	0.00	0.05	0.86	1.00	1.00	1.00
5	13	8	0.32	0.00	0.28	1.00	1.00	1.00	1.00
5	13	9	0.27	0.00	0.52	1.00	1.00	1.00	1.00
5	13	10	0.25	0.00	0.69	1.00	1.00	1.00	1.00
5	13	11	0.20	0.00	0.79	0.99	1.00	1.00	1.00
5	13	12	0.26	0.01	0.86	0.99	1.00	1.00	1.00
5	13	13	0.47	0.01	0.86	1.00	1.00	1.00	1.00

5	13	14	0.61	0.02	0.82	1.00	1.00	1.00	1.00
5	13	15	0.67	0.03	0.72	0.96	1.00	1.00	1.00
5	13	16	0.68	0.06	0.57	0.82	1.00	1.00	1.00
5	13	17	0.69	0.13	0.35	0.56	1.00	1.00	1.00
5	13	18	0.69	0.23	0.10	0.12	1.00	1.00	1.00
5	13	19	0.71	0.35	0.00	0.00	1.00	1.00	1.00
5	13	20	0.69	0.39	0.00	0.00	1.00	1.00	1.00
5	13	21	0.58	0.43	0.00	0.00	1.00	1.00	1.00
5	13	22	0.43	0.46	0.00	0.00	1.00	1.00	1.00
5	13	23	0.40	0.48	0.00	0.00	1.00	1.00	1.00
5	13	24	0.52	0.57	0.00	0.00	1.00	1.00	1.00
5	14	1	0.58	0.35	0.00	0.00	1.00	1.00	1.00
5	14	2	0.58	0.17	0.00	0.00	1.00	1.00	1.00
5	14	3	0.51	0.13	0.00	0.00	1.00	1.00	1.00
5	14	4	0.34	0.13	0.00	0.00	1.00	1.00	1.00
5	14	5	0.27	0.12	0.00	0.07	1.00	1.00	1.00
5	14	6	0.23	0.13	0.00	0.45	1.00	1.00	1.00
5	14	7	0.19	0.15	0.05	0.61	1.00	1.00	1.00
5	14	8	0.16	0.14	0.28	0.66	1.00	1.00	1.00
5	14	9	0.11	0.08	0.52	0.82	1.00	1.00	1.00
5	14	10	0.06	0.06	0.69	0.87	1.00	1.00	1.00
5	14	11	0.07	0.05	0.80	0.85	1.00	1.00	1.00
5	14	12	0.09	0.04	0.85	0.67	1.00	1.00	1.00
5	14	13	0.10	0.04	0.84	0.55	1.00	1.00	1.00
5	14	14	0.10	0.11	0.80	0.59	1.00	1.00	1.00
5	14	15	0.11	0.31	0.70	0.33	1.00	1.00	1.00
5	14	16	0.15	0.58	0.56	0.21	1.00	1.00	1.00
5	14	17	0.16	0.60	0.34	0.10	1.00	1.00	1.00
5	14	18	0.20	0.55	0.10	0.02	1.00	1.00	1.00
5	14	19	0.40	0.28	0.00	0.00	1.00	1.00	1.00
5	14	20	0.49	0.07	0.00	0.00	1.00	1.00	1.00
5	14	21	0.66	0.24	0.00	0.00	1.00	1.00	1.00
5	14	22	0.66	0.14	0.00	0.00	1.00	1.00	1.00
5	14	23	0.53	0.10	0.00	0.00	1.00	1.00	1.00
5	14	24	0.39	0.03	0.00	0.00	1.00	1.00	1.00
5	15	1	0.26	0.04	0.00	0.00	1.00	1.00	1.00
5	15	2	0.19	0.00	0.00	0.00	1.00	1.00	1.00
5	15	3	0.15	0.04	0.00	0.00	1.00	1.00	1.00
5	15	4	0.12	0.20	0.00	0.00	1.00	1.00	1.00
5	15	5	0.10	0.28	0.00	0.12	1.00	1.00	1.00
5	15	6	0.02	0.17	0.00	0.41	1.00	1.00	1.00
5	15	7	0.00	0.22	0.05	0.55	1.00	1.00	1.00
5	15	8	0.00	0.31	0.27	0.60	1.00	1.00	1.00
5	15	9	0.00	0.41	0.48	0.72	1.00	1.00	1.00
5	15	10	0.00	0.39	0.65	0.62	1.00	1.00	1.00
5	15	11	0.00	0.34	0.75	0.66	1.00	1.00	1.00
5	15	12	0.00	0.25	0.81	0.65	1.00	1.00	1.00
5	15	13	0.00	0.25	0.84	0.61	1.00	1.00	1.00
5	15	14	0.00	0.24	0.80	0.41	1.00	1.00	1.00

5	15	15	0.01	0.31	0.69	0.38	1.00	1.00	1.00
5	15	16	0.03	0.36	0.52	0.21	1.00	1.00	1.00
5	15	17	0.17	0.37	0.33	0.11	1.00	1.00	1.00
5	15	18	0.30	0.33	0.09	0.02	1.00	1.00	1.00
5	15	19	0.38	0.41	0.00	0.00	1.00	1.00	1.00
5	15	20	0.51	0.30	0.00	0.00	1.00	1.00	1.00
5	15	21	0.50	0.39	0.00	0.00	1.00	1.00	1.00
5	15	22	0.46	0.24	0.00	0.00	1.00	1.00	1.00
5	15	23	0.46	0.18	0.00	0.00	1.00	1.00	1.00
5	15	24	0.46	0.16	0.00	0.00	1.00	1.00	1.00
5	16	1	0.43	0.11	0.00	0.00	1.00	1.00	1.00
5	16	2	0.33	0.07	0.00	0.00	1.00	1.00	1.00
5	16	3	0.18	0.08	0.00	0.00	1.00	1.00	1.00
5	16	4	0.10	0.05	0.00	0.00	1.00	1.00	1.00
5	16	5	0.06	0.05	0.00	0.00	1.00	1.00	1.00
5	16	6	0.02	0.03	0.01	0.02	1.00	1.00	1.00
5	16	7	0.00	0.04	0.05	0.04	1.00	1.00	1.00
5	16	8	0.00	0.02	0.28	0.15	1.00	1.00	1.00
5	16	9	0.00	0.03	0.51	0.26	1.00	1.00	1.00
5	16	10	0.00	0.04	0.69	0.39	1.00	1.00	1.00
5	16	11	0.01	0.06	0.80	0.49	1.00	1.00	1.00
5	16	12	0.03	0.06	0.85	0.60	1.00	1.00	1.00
5	16	13	0.03	0.07	0.85	0.56	1.00	1.00	1.00
5	16	14	0.03	0.06	0.82	0.60	1.00	1.00	1.00
5	16	15	0.07	0.09	0.73	0.64	1.00	1.00	1.00
5	16	16	0.20	0.09	0.58	0.42	1.00	1.00	1.00
5	16	17	0.39	0.07	0.36	0.27	1.00	1.00	1.00
5	16	18	0.42	0.04	0.10	0.05	1.00	1.00	1.00
5	16	19	0.48	0.03	0.00	0.00	1.00	1.00	1.00
5	16	20	0.65	0.06	0.00	0.00	1.00	1.00	1.00
5	16	21	0.55	0.04	0.00	0.00	1.00	1.00	1.00
5	16	22	0.42	0.00	0.00	0.00	1.00	1.00	1.00
5	16	23	0.37	0.00	0.00	0.00	1.00	1.00	1.00
5	16	24	0.34	0.00	0.00	0.00	1.00	1.00	1.00
5	17	1	0.34	0.00	0.00	0.00	1.00	1.00	1.00
5	17	2	0.29	0.00	0.00	0.00	1.00	1.00	1.00
5	17	3	0.25	0.00	0.00	0.00	1.00	1.00	1.00
5	17	4	0.28	0.00	0.00	0.00	1.00	1.00	1.00
5	17	5	0.25	0.00	0.00	0.00	1.00	1.00	1.00
5	17	6	0.16	0.00	0.01	0.04	1.00	1.00	1.00
5	17	7	0.06	0.00	0.05	0.07	1.00	1.00	1.00
5	17	8	0.03	0.01	0.28	0.08	1.00	1.00	1.00
5	17	9	0.02	0.03	0.52	0.14	1.00	1.00	1.00
5	17	10	0.03	0.08	0.69	0.19	1.00	1.00	1.00
5	17	11	0.05	0.15	0.79	0.14	1.00	1.00	1.00
5	17	12	0.04	0.17	0.84	0.16	1.00	1.00	1.00
5	17	13	0.05	0.18	0.86	0.25	1.00	1.00	1.00
5	17	14	0.09	0.20	0.81	0.18	1.00	1.00	1.00
5	17	15	0.22	0.21	0.73	0.17	1.00	1.00	1.00

5	17	16	0.34	0.19	0.58	0.35	1.00	1.00	1.00
5	17	17	0.60	0.16	0.36	0.26	1.00	1.00	1.00
5	17	18	0.61	0.13	0.10	0.09	1.00	1.00	1.00
5	17	19	0.63	0.09	0.00	0.00	1.00	1.00	1.00
5	17	20	0.61	0.05	0.00	0.00	1.00	1.00	1.00
5	17	21	0.56	0.04	0.00	0.00	1.00	1.00	1.00
5	17	22	0.58	0.04	0.00	0.00	1.00	1.00	1.00
5	17	23	0.59	0.03	0.00	0.00	1.00	1.00	1.00
5	17	24	0.62	0.02	0.00	0.00	1.00	1.00	1.00
5	18	1	0.59	0.00	0.00	0.00	1.00	1.00	1.00
5	18	2	0.44	0.00	0.00	0.00	1.00	1.00	1.00
5	18	3	0.28	0.00	0.00	0.00	1.00	1.00	1.00
5	18	4	0.24	0.00	0.00	0.00	1.00	1.00	1.00
5	18	5	0.24	0.00	0.00	0.08	1.00	1.00	1.00
5	18	6	0.17	0.00	0.01	0.29	1.00	1.00	1.00
5	18	7	0.09	0.00	0.05	0.40	1.00	1.00	1.00
5	18	8	0.05	0.00	0.28	0.49	1.00	1.00	1.00
5	18	9	0.00	0.00	0.52	0.60	1.00	1.00	1.00
5	18	10	0.00	0.00	0.69	0.67	1.00	1.00	1.00
5	18	11	0.03	0.00	0.79	0.71	1.00	1.00	1.00
5	18	12	0.07	0.01	0.84	0.81	1.00	1.00	1.00
5	18	13	0.10	0.05	0.85	0.76	1.00	1.00	1.00
5	18	14	0.10	0.03	0.80	0.78	1.00	1.00	1.00
5	18	15	0.23	0.12	0.72	0.60	1.00	1.00	1.00
5	18	16	0.36	0.28	0.57	0.55	1.00	1.00	1.00
5	18	17	0.41	0.21	0.35	0.30	1.00	1.00	1.00
5	18	18	0.47	0.30	0.10	0.08	1.00	1.00	1.00
5	18	19	0.64	0.25	0.00	0.00	1.00	1.00	1.00
5	18	20	0.62	0.25	0.00	0.00	1.00	1.00	1.00
5	18	21	0.60	0.18	0.00	0.00	1.00	1.00	1.00
5	18	22	0.62	0.17	0.00	0.00	1.00	1.00	1.00
5	18	23	0.62	0.13	0.00	0.00	1.00	1.00	1.00
5	18	24	0.61	0.10	0.00	0.00	1.00	1.00	1.00
5	19	1	0.56	0.04	0.00	0.00	1.00	1.00	1.00
5	19	2	0.50	0.00	0.00	0.00	1.00	1.00	1.00
5	19	3	0.46	0.01	0.00	0.00	1.00	1.00	1.00
5	19	4	0.36	0.02	0.00	0.00	1.00	1.00	1.00
5	19	5	0.36	0.02	0.00	0.07	1.00	1.00	1.00
5	19	6	0.29	0.00	0.01	0.21	1.00	1.00	1.00
5	19	7	0.18	0.00	0.05	0.49	1.00	1.00	1.00
5	19	8	0.15	0.00	0.28	0.65	1.00	1.00	1.00
5	19	9	0.10	0.00	0.52	0.78	1.00	1.00	1.00
5	19	10	0.08	0.00	0.68	0.79	1.00	1.00	1.00
5	19	11	0.12	0.00	0.79	0.69	1.00	1.00	1.00
5	19	12	0.14	0.03	0.84	0.57	1.00	1.00	1.00
5	19	13	0.24	0.15	0.84	0.59	1.00	1.00	1.00
5	19	14	0.32	0.32	0.80	0.44	1.00	1.00	1.00
5	19	15	0.36	0.31	0.70	0.29	1.00	1.00	1.00
5	19	16	0.38	0.39	0.56	0.30	1.00	1.00	1.00

5	19	17	0.42	0.27	0.33	0.22	1.00	1.00	1.00
5	19	18	0.49	0.17	0.09	0.05	1.00	1.00	1.00
5	19	19	0.58	0.14	0.00	0.00	1.00	1.00	1.00
5	19	20	0.73	0.08	0.00	0.00	1.00	1.00	1.00
5	19	21	0.69	0.09	0.00	0.00	1.00	1.00	1.00
5	19	22	0.58	0.08	0.00	0.00	1.00	1.00	1.00
5	19	23	0.51	0.05	0.00	0.00	1.00	1.00	1.00
5	19	24	0.47	0.03	0.00	0.00	1.00	1.00	1.00
5	20	1	0.51	0.03	0.00	0.00	1.00	1.00	1.00
5	20	2	0.47	0.01	0.00	0.00	1.00	1.00	1.00
5	20	3	0.46	0.02	0.00	0.00	1.00	1.00	1.00
5	20	4	0.44	0.05	0.00	0.00	1.00	1.00	1.00
5	20	5	0.29	0.07	0.00	0.13	1.00	1.00	1.00
5	20	6	0.28	0.07	0.01	0.34	1.00	1.00	1.00
5	20	7	0.26	0.06	0.06	0.51	1.00	1.00	1.00
5	20	8	0.26	0.06	0.28	0.67	1.00	1.00	1.00
5	20	9	0.32	0.05	0.51	0.87	1.00	1.00	1.00
5	20	10	0.29	0.03	0.69	0.90	1.00	1.00	1.00
5	20	11	0.32	0.07	0.79	0.72	1.00	1.00	1.00
5	20	12	0.46	0.28	0.84	0.73	1.00	1.00	1.00
5	20	13	0.66	0.35	0.83	0.65	1.00	1.00	1.00
5	20	14	0.73	0.22	0.79	0.48	1.00	1.00	1.00
5	20	15	0.75	0.37	0.70	0.40	1.00	1.00	1.00
5	20	16	0.80	0.42	0.56	0.33	1.00	1.00	1.00
5	20	17	0.89	0.17	0.35	0.12	1.00	1.00	1.00
5	20	18	0.92	0.24	0.11	0.01	1.00	1.00	1.00
5	20	19	0.86	0.23	0.00	0.00	1.00	1.00	1.00
5	20	20	0.85	0.31	0.00	0.00	1.00	1.00	1.00
5	20	21	0.79	0.41	0.00	0.00	1.00	1.00	1.00
5	20	22	0.71	0.45	0.00	0.00	1.00	1.00	1.00
5	20	23	0.65	0.48	0.00	0.00	1.00	1.00	1.00
5	20	24	0.70	0.56	0.00	0.00	1.00	1.00	1.00
5	21	1	0.73	0.65	0.00	0.00	1.00	1.00	1.00
5	21	2	0.74	0.63	0.00	0.00	1.00	1.00	1.00
5	21	3	0.73	0.66	0.00	0.00	1.00	1.00	1.00
5	21	4	0.72	0.75	0.00	0.00	1.00	1.00	1.00
5	21	5	0.63	0.82	0.00	0.13	1.00	1.00	1.00
5	21	6	0.60	0.81	0.01	0.40	1.00	1.00	1.00
5	21	7	0.61	0.75	0.05	0.60	1.00	1.00	1.00
5	21	8	0.68	0.72	0.28	0.95	1.00	1.00	1.00
5	21	9	0.73	0.74	0.51	0.99	1.00	1.00	1.00
5	21	10	0.67	0.81	0.68	1.00	1.00	1.00	1.00
5	21	11	0.64	0.80	0.78	0.98	1.00	1.00	1.00
5	21	12	0.66	0.67	0.83	0.99	1.00	1.00	1.00
5	21	13	0.70	0.54	0.84	0.91	1.00	1.00	1.00
5	21	14	0.67	0.52	0.80	0.80	1.00	1.00	1.00
5	21	15	0.64	0.57	0.71	0.81	1.00	1.00	1.00
5	21	16	0.60	0.66	0.57	0.73	1.00	1.00	1.00
5	21	17	0.75	0.71	0.36	0.55	1.00	1.00	1.00

5	21	18	0.71	0.62	0.11	0.18	1.00	1.00	1.00
5	21	19	0.71	0.61	0.00	0.00	1.00	1.00	1.00
5	21	20	0.52	0.59	0.00	0.00	1.00	1.00	1.00
5	21	21	0.50	0.56	0.00	0.00	1.00	1.00	1.00
5	21	22	0.82	0.61	0.00	0.00	1.00	1.00	1.00
5	21	23	0.83	0.67	0.00	0.00	1.00	1.00	1.00
5	21	24	0.80	0.78	0.00	0.00	1.00	1.00	1.00
5	22	1	0.81	0.80	0.00	0.00	1.00	1.00	1.00
5	22	2	0.66	0.79	0.00	0.00	1.00	1.00	1.00
5	22	3	0.47	0.68	0.00	0.00	1.00	1.00	1.00
5	22	4	0.41	0.60	0.00	0.00	1.00	1.00	1.00
5	22	5	0.33	0.56	0.00	0.20	1.00	1.00	1.00
5	22	6	0.20	0.38	0.01	0.63	1.00	1.00	1.00
5	22	7	0.08	0.28	0.05	0.87	1.00	1.00	1.00
5	22	8	0.01	0.36	0.29	1.00	1.00	1.00	1.00
5	22	9	0.00	0.42	0.51	1.00	1.00	1.00	1.00
5	22	10	0.00	0.53	0.69	1.00	1.00	1.00	1.00
5	22	11	0.00	0.64	0.79	1.00	1.00	1.00	1.00
5	22	12	0.00	0.71	0.84	1.00	1.00	1.00	1.00
5	22	13	0.06	0.75	0.85	1.00	1.00	1.00	1.00
5	22	14	0.23	0.76	0.81	1.00	1.00	1.00	1.00
5	22	15	0.36	0.75	0.72	1.00	1.00	1.00	1.00
5	22	16	0.39	0.70	0.58	0.88	1.00	1.00	1.00
5	22	17	0.38	0.66	0.37	0.56	1.00	1.00	1.00
5	22	18	0.46	0.62	0.11	0.16	1.00	1.00	1.00
5	22	19	0.56	0.54	0.00	0.00	1.00	1.00	1.00
5	22	20	0.58	0.60	0.00	0.00	1.00	1.00	1.00
5	22	21	0.52	0.60	0.00	0.00	1.00	1.00	1.00
5	22	22	0.42	0.54	0.00	0.00	1.00	1.00	1.00
5	22	23	0.47	0.53	0.00	0.00	1.00	1.00	1.00
5	22	24	0.59	0.55	0.00	0.00	1.00	1.00	1.00
5	23	1	0.48	0.57	0.00	0.00	1.00	1.00	1.00
5	23	2	0.33	0.56	0.00	0.00	1.00	1.00	1.00
5	23	3	0.21	0.56	0.00	0.00	1.00	1.00	1.00
5	23	4	0.19	0.47	0.00	0.00	1.00	1.00	1.00
5	23	5	0.31	0.40	0.00	0.19	1.00	1.00	1.00
5	23	6	0.36	0.26	0.01	0.62	1.00	1.00	1.00
5	23	7	0.53	0.17	0.05	0.82	1.00	1.00	1.00
5	23	8	0.65	0.16	0.29	0.99	1.00	1.00	1.00
5	23	9	0.67	0.15	0.52	0.95	1.00	1.00	1.00
5	23	10	0.61	0.21	0.69	1.00	1.00	1.00	1.00
5	23	11	0.42	0.28	0.79	1.00	1.00	1.00	1.00
5	23	12	0.31	0.38	0.85	0.92	1.00	1.00	1.00
5	23	13	0.19	0.48	0.85	1.00	1.00	1.00	1.00
5	23	14	0.16	0.58	0.81	0.85	1.00	1.00	1.00
5	23	15	0.13	0.72	0.70	0.80	1.00	1.00	1.00
5	23	16	0.08	0.78	0.54	0.78	1.00	1.00	1.00
5	23	17	0.04	0.75	0.32	0.54	1.00	1.00	1.00
5	23	18	0.02	0.63	0.11	0.16	1.00	1.00	1.00

5	23	19	0.00	0.52	0.00	0.00	1.00	1.00	1.00
5	23	20	0.01	0.42	0.00	0.00	1.00	1.00	1.00
5	23	21	0.01	0.34	0.00	0.00	1.00	1.00	1.00
5	23	22	0.00	0.24	0.00	0.00	1.00	1.00	1.00
5	23	23	0.00	0.16	0.00	0.00	1.00	1.00	1.00
5	23	24	0.00	0.11	0.00	0.00	1.00	1.00	1.00
5	24	1	0.00	0.13	0.00	0.00	1.00	1.00	1.00
5	24	2	0.00	0.46	0.00	0.00	1.00	1.00	1.00
5	24	3	0.00	0.58	0.00	0.00	1.00	1.00	1.00
5	24	4	0.00	0.65	0.00	0.00	1.00	1.00	1.00
5	24	5	0.00	0.53	0.00	0.17	1.00	1.00	1.00
5	24	6	0.00	0.38	0.01	0.62	1.00	1.00	1.00
5	24	7	0.00	0.35	0.05	0.86	1.00	1.00	1.00
5	24	8	0.00	0.37	0.28	1.00	1.00	1.00	1.00
5	24	9	0.00	0.36	0.51	1.00	1.00	1.00	1.00
5	24	10	0.00	0.26	0.68	1.00	1.00	1.00	1.00
5	24	11	0.00	0.20	0.79	1.00	1.00	1.00	1.00
5	24	12	0.00	0.16	0.84	1.00	1.00	1.00	1.00
5	24	13	0.00	0.12	0.84	1.00	1.00	1.00	1.00
5	24	14	0.00	0.09	0.81	1.00	1.00	1.00	1.00
5	24	15	0.00	0.10	0.71	1.00	1.00	1.00	1.00
5	24	16	0.00	0.11	0.57	0.89	1.00	1.00	1.00
5	24	17	0.01	0.11	0.35	0.61	1.00	1.00	1.00
5	24	18	0.15	0.11	0.10	0.23	1.00	1.00	1.00
5	24	19	0.25	0.13	0.00	0.00	1.00	1.00	1.00
5	24	20	0.38	0.29	0.00	0.00	1.00	1.00	1.00
5	24	21	0.55	0.33	0.00	0.00	1.00	1.00	1.00
5	24	22	0.57	0.36	0.00	0.00	1.00	1.00	1.00
5	24	23	0.40	0.31	0.00	0.00	1.00	1.00	1.00
5	24	24	0.27	0.26	0.00	0.00	1.00	1.00	1.00
5	25	1	0.23	0.29	0.00	0.00	1.00	1.00	1.00
5	25	2	0.19	0.30	0.00	0.00	1.00	1.00	1.00
5	25	3	0.15	0.15	0.00	0.00	1.00	1.00	1.00
5	25	4	0.09	0.10	0.00	0.00	1.00	1.00	1.00
5	25	5	0.05	0.08	0.00	0.07	1.00	1.00	1.00
5	25	6	0.02	0.07	0.01	0.17	1.00	1.00	1.00
5	25	7	0.00	0.04	0.05	0.25	1.00	1.00	1.00
5	25	8	0.00	0.02	0.28	0.42	1.00	1.00	1.00
5	25	9	0.00	0.03	0.50	0.63	1.00	1.00	1.00
5	25	10	0.00	0.06	0.67	0.56	1.00	1.00	1.00
5	25	11	0.00	0.19	0.77	0.64	1.00	1.00	1.00
5	25	12	0.00	0.38	0.82	0.59	1.00	1.00	1.00
5	25	13	0.00	0.21	0.82	0.63	1.00	1.00	1.00
5	25	14	0.00	0.22	0.77	0.59	1.00	1.00	1.00
5	25	15	0.00	0.25	0.68	0.40	1.00	1.00	1.00
5	25	16	0.01	0.15	0.51	0.26	1.00	1.00	1.00
5	25	17	0.11	0.04	0.32	0.13	1.00	1.00	1.00
5	25	18	0.23	0.02	0.09	0.01	1.00	1.00	1.00
5	25	19	0.37	0.09	0.01	0.00	1.00	1.00	1.00

5	25	20	0.47	0.17	0.00	0.00	1.00	1.00	1.00
5	25	21	0.44	0.17	0.00	0.00	1.00	1.00	1.00
5	25	22	0.42	0.32	0.00	0.00	1.00	1.00	1.00
5	25	23	0.32	0.44	0.00	0.00	1.00	1.00	1.00
5	25	24	0.33	0.44	0.00	0.00	1.00	1.00	1.00
5	26	1	0.35	0.35	0.00	0.00	1.00	1.00	1.00
5	26	2	0.35	0.32	0.00	0.00	1.00	1.00	1.00
5	26	3	0.28	0.17	0.00	0.00	1.00	1.00	1.00
5	26	4	0.19	0.14	0.00	0.00	1.00	1.00	1.00
5	26	5	0.14	0.17	0.00	0.20	1.00	1.00	1.00
5	26	6	0.09	0.13	0.01	0.57	1.00	1.00	1.00
5	26	7	0.03	0.12	0.05	0.76	1.00	1.00	1.00
5	26	8	0.02	0.17	0.27	0.85	1.00	1.00	1.00
5	26	9	0.04	0.16	0.49	0.96	1.00	1.00	1.00
5	26	10	0.03	0.08	0.66	0.99	1.00	1.00	1.00
5	26	11	0.02	0.02	0.77	0.85	1.00	1.00	1.00
5	26	12	0.02	0.01	0.83	0.81	1.00	1.00	1.00
5	26	13	0.05	0.09	0.83	0.73	1.00	1.00	1.00
5	26	14	0.07	0.38	0.79	0.65	1.00	1.00	1.00
5	26	15	0.13	0.18	0.71	0.57	1.00	1.00	1.00
5	26	16	0.22	0.27	0.56	0.35	1.00	1.00	1.00
5	26	17	0.34	0.08	0.35	0.27	1.00	1.00	1.00
5	26	18	0.57	0.00	0.11	0.06	1.00	1.00	1.00
5	26	19	0.77	0.01	0.00	0.00	1.00	1.00	1.00
5	26	20	0.83	0.06	0.00	0.00	1.00	1.00	1.00
5	26	21	0.80	0.03	0.00	0.00	1.00	1.00	1.00
5	26	22	0.58	0.03	0.00	0.00	1.00	1.00	1.00
5	26	23	0.44	0.02	0.00	0.00	1.00	1.00	1.00
5	26	24	0.38	0.03	0.00	0.00	1.00	1.00	1.00
5	27	1	0.33	0.02	0.00	0.00	1.00	1.00	1.00
5	27	2	0.29	0.01	0.00	0.00	1.00	1.00	1.00
5	27	3	0.29	0.03	0.00	0.00	1.00	1.00	1.00
5	27	4	0.25	0.06	0.00	0.00	1.00	1.00	1.00
5	27	5	0.22	0.05	0.00	0.18	1.00	1.00	1.00
5	27	6	0.16	0.04	0.01	0.56	1.00	1.00	1.00
5	27	7	0.10	0.03	0.05	0.86	1.00	1.00	1.00
5	27	8	0.13	0.01	0.27	1.00	1.00	1.00	1.00
5	27	9	0.19	0.00	0.50	1.00	1.00	1.00	1.00
5	27	10	0.20	0.00	0.68	0.85	1.00	1.00	1.00
5	27	11	0.20	0.00	0.79	0.91	1.00	1.00	1.00
5	27	12	0.22	0.08	0.84	0.68	1.00	1.00	1.00
5	27	13	0.32	0.48	0.85	0.40	1.00	1.00	1.00
5	27	14	0.38	0.43	0.81	0.34	1.00	1.00	1.00
5	27	15	0.48	0.10	0.73	0.27	1.00	1.00	1.00
5	27	16	0.62	0.07	0.58	0.09	1.00	1.00	1.00
5	27	17	0.77	0.11	0.35	0.05	1.00	1.00	1.00
5	27	18	0.87	0.31	0.11	0.01	1.00	1.00	1.00
5	27	19	0.86	0.31	0.01	0.00	1.00	1.00	1.00
5	27	20	0.83	0.14	0.00	0.00	1.00	1.00	1.00

5	27	21	0.76	0.23	0.00	0.00	1.00	1.00	1.00
5	27	22	0.66	0.28	0.00	0.00	1.00	1.00	1.00
5	27	23	0.51	0.03	0.00	0.00	1.00	1.00	1.00
5	27	24	0.49	0.02	0.00	0.00	1.00	1.00	1.00
5	28	1	0.54	0.05	0.00	0.00	1.00	1.00	1.00
5	28	2	0.49	0.07	0.00	0.00	1.00	1.00	1.00
5	28	3	0.46	0.14	0.00	0.00	1.00	1.00	1.00
5	28	4	0.40	0.27	0.00	0.00	1.00	1.00	1.00
5	28	5	0.34	0.37	0.00	0.17	1.00	1.00	1.00
5	28	6	0.23	0.36	0.01	0.57	1.00	1.00	1.00
5	28	7	0.16	0.24	0.05	0.83	1.00	1.00	1.00
5	28	8	0.20	0.20	0.28	0.95	1.00	1.00	1.00
5	28	9	0.34	0.15	0.50	1.00	1.00	1.00	1.00
5	28	10	0.38	0.10	0.68	0.94	1.00	1.00	1.00
5	28	11	0.38	0.08	0.78	0.83	1.00	1.00	1.00
5	28	12	0.42	0.13	0.83	0.67	1.00	1.00	1.00
5	28	13	0.44	0.16	0.84	0.66	1.00	1.00	1.00
5	28	14	0.54	0.36	0.80	0.62	1.00	1.00	1.00
5	28	15	0.66	0.36	0.72	0.56	1.00	1.00	1.00
5	28	16	0.76	0.16	0.58	0.45	1.00	1.00	1.00
5	28	17	0.84	0.13	0.36	0.30	1.00	1.00	1.00
5	28	18	0.75	0.08	0.11	0.10	1.00	1.00	1.00
5	28	19	0.62	0.12	0.01	0.00	1.00	1.00	1.00
5	28	20	0.63	0.29	0.00	0.00	1.00	1.00	1.00
5	28	21	0.60	0.48	0.00	0.00	1.00	1.00	1.00
5	28	22	0.42	0.47	0.00	0.00	1.00	1.00	1.00
5	28	23	0.49	0.42	0.00	0.00	1.00	1.00	1.00
5	28	24	0.65	0.50	0.00	0.00	1.00	1.00	1.00
5	29	1	0.60	0.69	0.00	0.00	1.00	1.00	1.00
5	29	2	0.54	0.82	0.00	0.00	1.00	1.00	1.00
5	29	3	0.48	0.68	0.00	0.00	1.00	1.00	1.00
5	29	4	0.42	0.70	0.00	0.00	1.00	1.00	1.00
5	29	5	0.37	0.74	0.00	0.25	1.00	1.00	1.00
5	29	6	0.26	0.59	0.01	0.63	1.00	1.00	1.00
5	29	7	0.14	0.40	0.05	0.86	1.00	1.00	1.00
5	29	8	0.11	0.31	0.28	1.00	1.00	1.00	1.00
5	29	9	0.06	0.34	0.50	1.00	1.00	1.00	1.00
5	29	10	0.02	0.36	0.66	1.00	1.00	1.00	1.00
5	29	11	0.02	0.40	0.76	1.00	1.00	1.00	1.00
5	29	12	0.02	0.43	0.82	1.00	1.00	1.00	1.00
5	29	13	0.03	0.51	0.84	1.00	1.00	1.00	1.00
5	29	14	0.06	0.53	0.81	1.00	1.00	1.00	1.00
5	29	15	0.10	0.48	0.72	0.98	1.00	1.00	1.00
5	29	16	0.16	0.56	0.58	0.88	1.00	1.00	1.00
5	29	17	0.27	0.65	0.37	0.65	1.00	1.00	1.00
5	29	18	0.40	0.61	0.12	0.20	1.00	1.00	1.00
5	29	19	0.57	0.71	0.01	0.00	1.00	1.00	1.00
5	29	20	0.61	0.75	0.00	0.00	1.00	1.00	1.00
5	29	21	0.57	0.78	0.00	0.00	1.00	1.00	1.00

5	29	22	0.50	0.85	0.00	0.00	1.00	1.00	1.00
5	29	23	0.34	0.89	0.00	0.00	1.00	1.00	1.00
5	29	24	0.28	0.87	0.00	0.00	1.00	1.00	1.00
5	30	1	0.23	0.89	0.00	0.00	1.00	1.00	1.00
5	30	2	0.16	0.75	0.00	0.00	1.00	1.00	1.00
5	30	3	0.10	0.48	0.00	0.00	1.00	1.00	1.00
5	30	4	0.06	0.41	0.00	0.00	1.00	1.00	1.00
5	30	5	0.03	0.31	0.00	0.23	1.00	1.00	1.00
5	30	6	0.00	0.10	0.01	0.64	1.00	1.00	1.00
5	30	7	0.00	0.04	0.05	0.87	1.00	1.00	1.00
5	30	8	0.00	0.04	0.28	1.00	1.00	1.00	1.00
5	30	9	0.00	0.03	0.50	1.00	1.00	1.00	1.00
5	30	10	0.00	0.01	0.67	1.00	1.00	1.00	1.00
5	30	11	0.00	0.01	0.78	1.00	1.00	1.00	1.00
5	30	12	0.00	0.07	0.83	1.00	1.00	1.00	1.00
5	30	13	0.02	0.16	0.83	1.00	1.00	1.00	1.00
5	30	14	0.06	0.22	0.79	1.00	1.00	1.00	1.00
5	30	15	0.12	0.23	0.71	1.00	1.00	1.00	1.00
5	30	16	0.15	0.23	0.56	0.89	1.00	1.00	1.00
5	30	17	0.25	0.20	0.36	0.66	1.00	1.00	1.00
5	30	18	0.45	0.15	0.12	0.22	1.00	1.00	1.00
5	30	19	0.50	0.17	0.01	0.00	1.00	1.00	1.00
5	30	20	0.50	0.20	0.00	0.00	1.00	1.00	1.00
5	30	21	0.45	0.27	0.00	0.00	1.00	1.00	1.00
5	30	22	0.38	0.31	0.00	0.00	1.00	1.00	1.00
5	30	23	0.40	0.32	0.00	0.00	1.00	1.00	1.00
5	30	24	0.41	0.34	0.00	0.00	1.00	1.00	1.00
5	31	1	0.42	0.29	0.00	0.00	1.00	1.00	1.00
5	31	2	0.40	0.18	0.00	0.00	1.00	1.00	1.00
5	31	3	0.38	0.14	0.00	0.00	1.00	1.00	1.00
5	31	4	0.34	0.06	0.00	0.00	1.00	1.00	1.00
5	31	5	0.28	0.03	0.00	0.16	1.00	1.00	1.00
5	31	6	0.19	0.01	0.01	0.44	1.00	1.00	1.00
5	31	7	0.06	0.00	0.05	0.68	1.00	1.00	1.00
5	31	8	0.00	0.00	0.28	0.80	1.00	1.00	1.00
5	31	9	0.00	0.00	0.51	0.91	1.00	1.00	1.00
5	31	10	0.00	0.01	0.68	0.97	1.00	1.00	1.00
5	31	11	0.00	0.02	0.79	0.87	1.00	1.00	1.00
5	31	12	0.00	0.10	0.83	0.83	1.00	1.00	1.00
5	31	13	0.00	0.20	0.84	0.75	1.00	1.00	1.00
5	31	14	0.06	0.26	0.79	0.68	1.00	1.00	1.00
5	31	15	0.18	0.34	0.70	0.46	1.00	1.00	1.00
5	31	16	0.33	0.40	0.55	0.49	1.00	1.00	1.00
5	31	17	0.34	0.53	0.35	0.33	1.00	1.00	1.00
5	31	18	0.37	0.41	0.11	0.13	1.00	1.00	1.00
5	31	19	0.51	0.51	0.01	0.00	1.00	1.00	1.00
5	31	20	0.59	0.57	0.00	0.00	1.00	1.00	1.00
5	31	21	0.56	0.47	0.00	0.00	1.00	1.00	1.00
5	31	22	0.50	0.60	0.00	0.00	1.00	1.00	1.00

5	31	23	0.41	0.59	0.00	0.00	1.00	1.00	1.00
5	31	24	0.37	0.57	0.00	0.00	1.00	1.00	1.00
6	1	1	0.30	0.46	0.00	0.00	1.00	1.00	1.00
6	1	2	0.24	0.26	0.00	0.00	1.00	1.00	1.00
6	1	3	0.17	0.16	0.00	0.00	1.00	1.00	1.00
6	1	4	0.09	0.13	0.00	0.00	1.00	1.00	1.00
6	1	5	0.06	0.09	0.00	0.17	1.00	1.00	1.00
6	1	6	0.03	0.03	0.01	0.48	1.00	1.00	1.00
6	1	7	0.00	0.00	0.05	0.76	1.00	1.00	1.00
6	1	8	0.00	0.00	0.26	0.94	1.00	1.00	1.00
6	1	9	0.00	0.00	0.47	1.00	1.00	1.00	1.00
6	1	10	0.00	0.03	0.61	1.00	1.00	1.00	1.00
6	1	11	0.00	0.07	0.67	0.94	1.00	1.00	1.00
6	1	12	0.00	0.11	0.68	0.94	1.00	1.00	1.00
6	1	13	0.02	0.16	0.66	0.88	1.00	1.00	1.00
6	1	14	0.04	0.25	0.58	0.87	1.00	1.00	1.00
6	1	15	0.07	0.29	0.50	0.87	1.00	1.00	1.00
6	1	16	0.11	0.30	0.35	0.80	1.00	1.00	1.00
6	1	17	0.20	0.34	0.21	0.65	1.00	1.00	1.00
6	1	18	0.36	0.34	0.07	0.18	1.00	1.00	1.00
6	1	19	0.42	0.43	0.01	0.00	1.00	1.00	1.00
6	1	20	0.41	0.45	0.00	0.00	1.00	1.00	1.00
6	1	21	0.34	0.30	0.00	0.00	1.00	1.00	1.00
6	1	22	0.28	0.20	0.00	0.00	1.00	1.00	1.00
6	1	23	0.30	0.14	0.00	0.00	1.00	1.00	1.00
6	1	24	0.35	0.17	0.00	0.00	1.00	1.00	1.00
6	2	1	0.32	0.17	0.00	0.00	1.00	1.00	1.00
6	2	2	0.26	0.14	0.00	0.00	1.00	1.00	1.00
6	2	3	0.20	0.09	0.00	0.00	1.00	1.00	1.00
6	2	4	0.12	0.09	0.00	0.00	1.00	1.00	1.00
6	2	5	0.11	0.04	0.00	0.21	1.00	1.00	1.00
6	2	6	0.09	0.02	0.01	0.50	1.00	1.00	1.00
6	2	7	0.03	0.03	0.03	0.64	1.00	1.00	1.00
6	2	8	0.00	0.01	0.19	0.81	1.00	1.00	1.00
6	2	9	0.00	0.00	0.37	0.92	1.00	1.00	1.00
6	2	10	0.00	0.00	0.54	1.00	1.00	1.00	1.00
6	2	11	0.00	0.00	0.63	1.00	1.00	1.00	1.00
6	2	12	0.00	0.00	0.72	0.98	1.00	1.00	1.00
6	2	13	0.01	0.00	0.74	0.96	1.00	1.00	1.00
6	2	14	0.10	0.00	0.69	0.98	1.00	1.00	1.00
6	2	15	0.28	0.00	0.64	0.90	1.00	1.00	1.00
6	2	16	0.34	0.00	0.51	0.68	1.00	1.00	1.00
6	2	17	0.44	0.02	0.33	0.61	1.00	1.00	1.00
6	2	18	0.45	0.08	0.11	0.18	1.00	1.00	1.00
6	2	19	0.55	0.10	0.01	0.00	1.00	1.00	1.00
6	2	20	0.68	0.18	0.00	0.00	1.00	1.00	1.00
6	2	21	0.73	0.17	0.00	0.00	1.00	1.00	1.00
6	2	22	0.46	0.26	0.00	0.00	1.00	1.00	1.00
6	2	23	0.36	0.23	0.00	0.00	1.00	1.00	1.00

6	2	24	0.30	0.23	0.00	0.00	1.00	1.00	1.00
6	3	1	0.27	0.16	0.00	0.00	1.00	1.00	1.00
6	3	2	0.23	0.06	0.00	0.00	1.00	1.00	1.00
6	3	3	0.33	0.01	0.00	0.00	1.00	1.00	1.00
6	3	4	0.34	0.02	0.00	0.00	1.00	1.00	1.00
6	3	5	0.27	0.05	0.00	0.02	1.00	1.00	1.00
6	3	6	0.13	0.00	0.01	0.08	1.00	1.00	1.00
6	3	7	0.03	0.00	0.05	0.30	1.00	1.00	1.00
6	3	8	0.00	0.00	0.27	0.43	1.00	1.00	1.00
6	3	9	0.00	0.00	0.50	0.35	1.00	1.00	1.00
6	3	10	0.00	0.03	0.67	0.52	1.00	1.00	1.00
6	3	11	0.01	0.12	0.77	0.45	1.00	1.00	1.00
6	3	12	0.14	0.50	0.81	0.59	1.00	1.00	1.00
6	3	13	0.23	0.64	0.81	0.50	1.00	1.00	1.00
6	3	14	0.35	0.29	0.77	0.43	1.00	1.00	1.00
6	3	15	0.46	0.20	0.69	0.34	1.00	1.00	1.00
6	3	16	0.63	0.12	0.55	0.16	1.00	1.00	1.00
6	3	17	0.59	0.08	0.34	0.11	1.00	1.00	1.00
6	3	18	0.48	0.16	0.11	0.04	1.00	1.00	1.00
6	3	19	0.49	0.07	0.01	0.00	1.00	1.00	1.00
6	3	20	0.46	0.06	0.00	0.00	1.00	1.00	1.00
6	3	21	0.51	0.10	0.00	0.00	1.00	1.00	1.00
6	3	22	0.59	0.28	0.00	0.00	1.00	1.00	1.00
6	3	23	0.45	0.03	0.00	0.00	1.00	1.00	1.00
6	3	24	0.33	0.05	0.00	0.00	1.00	1.00	1.00
6	4	1	0.26	0.01	0.00	0.00	1.00	1.00	1.00
6	4	2	0.29	0.00	0.00	0.00	1.00	1.00	1.00
6	4	3	0.36	0.00	0.00	0.00	1.00	1.00	1.00
6	4	4	0.31	0.00	0.00	0.00	1.00	1.00	1.00
6	4	5	0.27	0.00	0.00	0.21	1.00	1.00	1.00
6	4	6	0.30	0.00	0.01	0.58	1.00	1.00	1.00
6	4	7	0.31	0.00	0.05	0.82	1.00	1.00	1.00
6	4	8	0.31	0.00	0.23	0.99	1.00	1.00	1.00
6	4	9	0.32	0.00	0.43	1.00	1.00	1.00	1.00
6	4	10	0.31	0.00	0.60	1.00	1.00	1.00	1.00
6	4	11	0.38	0.02	0.69	1.00	1.00	1.00	1.00
6	4	12	0.51	0.19	0.74	0.91	1.00	1.00	1.00
6	4	13	0.63	0.29	0.76	0.74	1.00	1.00	1.00
6	4	14	0.74	0.06	0.71	0.62	1.00	1.00	1.00
6	4	15	0.81	0.08	0.59	0.30	1.00	1.00	1.00
6	4	16	0.86	0.10	0.46	0.23	1.00	1.00	1.00
6	4	17	0.91	0.14	0.28	0.10	1.00	1.00	1.00
6	4	18	0.89	0.30	0.10	0.02	1.00	1.00	1.00
6	4	19	0.82	0.14	0.01	0.00	1.00	1.00	1.00
6	4	20	0.80	0.10	0.00	0.00	1.00	1.00	1.00
6	4	21	0.74	0.00	0.00	0.00	1.00	1.00	1.00
6	4	22	0.62	0.00	0.00	0.00	1.00	1.00	1.00
6	4	23	0.53	0.00	0.00	0.00	1.00	1.00	1.00
6	4	24	0.52	0.00	0.00	0.00	1.00	1.00	1.00

6	5	1	0.52	0.00	0.00	0.00	1.00	1.00	1.00
6	5	2	0.53	0.00	0.00	0.00	1.00	1.00	1.00
6	5	3	0.53	0.00	0.00	0.00	1.00	1.00	1.00
6	5	4	0.60	0.01	0.00	0.00	1.00	1.00	1.00
6	5	5	0.59	0.03	0.00	0.21	1.00	1.00	1.00
6	5	6	0.62	0.05	0.01	0.56	1.00	1.00	1.00
6	5	7	0.59	0.04	0.05	0.71	1.00	1.00	1.00
6	5	8	0.72	0.08	0.21	0.90	1.00	1.00	1.00
6	5	9	0.89	0.10	0.37	0.93	1.00	1.00	1.00
6	5	10	0.98	0.14	0.48	0.99	1.00	1.00	1.00
6	5	11	1.00	0.19	0.56	0.99	1.00	1.00	1.00
6	5	12	1.00	0.24	0.62	0.90	1.00	1.00	1.00
6	5	13	1.00	0.36	0.67	0.82	1.00	1.00	1.00
6	5	14	1.00	0.49	0.62	0.89	1.00	1.00	1.00
6	5	15	0.99	0.62	0.49	0.83	1.00	1.00	1.00
6	5	16	0.90	0.65	0.38	0.60	1.00	1.00	1.00
6	5	17	0.87	0.57	0.24	0.40	1.00	1.00	1.00
6	5	18	0.83	0.45	0.09	0.13	1.00	1.00	1.00
6	5	19	0.79	0.44	0.01	0.00	1.00	1.00	1.00
6	5	20	0.72	0.55	0.00	0.00	1.00	1.00	1.00
6	5	21	0.66	0.57	0.00	0.00	1.00	1.00	1.00
6	5	22	0.57	0.51	0.00	0.00	1.00	1.00	1.00
6	5	23	0.57	0.48	0.00	0.00	1.00	1.00	1.00
6	5	24	0.64	0.52	0.00	0.00	1.00	1.00	1.00
6	6	1	0.59	0.65	0.00	0.00	1.00	1.00	1.00
6	6	2	0.46	0.81	0.00	0.00	1.00	1.00	1.00
6	6	3	0.43	0.79	0.00	0.00	1.00	1.00	1.00
6	6	4	0.42	0.80	0.00	0.00	1.00	1.00	1.00
6	6	5	0.50	0.83	0.00	0.13	1.00	1.00	1.00
6	6	6	0.67	0.70	0.01	0.43	1.00	1.00	1.00
6	6	7	0.83	0.67	0.05	0.54	1.00	1.00	1.00
6	6	8	0.73	0.76	0.26	0.69	1.00	1.00	1.00
6	6	9	0.76	0.89	0.48	0.83	1.00	1.00	1.00
6	6	10	0.79	0.96	0.66	0.83	1.00	1.00	1.00
6	6	11	0.79	1.00	0.77	0.86	1.00	1.00	1.00
6	6	12	0.80	1.00	0.82	0.89	1.00	1.00	1.00
6	6	13	0.67	1.00	0.83	0.87	1.00	1.00	1.00
6	6	14	0.74	1.00	0.81	0.83	1.00	1.00	1.00
6	6	15	0.73	1.00	0.72	0.68	1.00	1.00	1.00
6	6	16	0.72	1.00	0.58	0.51	1.00	1.00	1.00
6	6	17	0.67	1.00	0.38	0.32	1.00	1.00	1.00
6	6	18	0.82	1.00	0.13	0.02	1.00	1.00	1.00
6	6	19	0.89	0.99	0.01	0.00	1.00	1.00	1.00
6	6	20	0.79	0.96	0.00	0.00	1.00	1.00	1.00
6	6	21	0.59	0.90	0.00	0.00	1.00	1.00	1.00
6	6	22	0.45	0.87	0.00	0.00	1.00	1.00	1.00
6	6	23	0.47	0.88	0.00	0.00	1.00	1.00	1.00
6	6	24	0.45	0.88	0.00	0.00	1.00	1.00	1.00
6	7	1	0.42	0.87	0.00	0.00	1.00	1.00	1.00

6	7	2	0.34	0.90	0.00	0.00	1.00	1.00	1.00
6	7	3	0.23	0.91	0.00	0.00	1.00	1.00	1.00
6	7	4	0.24	0.85	0.00	0.00	1.00	1.00	1.00
6	7	5	0.11	0.80	0.00	0.24	1.00	1.00	1.00
6	7	6	0.01	0.83	0.01	0.62	1.00	1.00	1.00
6	7	7	0.00	0.92	0.05	0.86	1.00	1.00	1.00
6	7	8	0.05	0.94	0.28	1.00	1.00	1.00	1.00
6	7	9	0.12	0.96	0.52	1.00	1.00	1.00	1.00
6	7	10	0.08	0.97	0.69	1.00	1.00	1.00	1.00
6	7	11	0.06	0.97	0.80	1.00	1.00	1.00	1.00
6	7	12	0.02	0.97	0.86	1.00	1.00	1.00	1.00
6	7	13	0.00	0.97	0.87	1.00	1.00	1.00	1.00
6	7	14	0.00	0.97	0.82	1.00	1.00	1.00	1.00
6	7	15	0.00	0.95	0.73	1.00	1.00	1.00	1.00
6	7	16	0.00	0.91	0.59	0.91	1.00	1.00	1.00
6	7	17	0.01	0.85	0.38	0.71	1.00	1.00	1.00
6	7	18	0.10	0.64	0.13	0.22	1.00	1.00	1.00
6	7	19	0.25	0.47	0.01	0.00	1.00	1.00	1.00
6	7	20	0.30	0.35	0.00	0.00	1.00	1.00	1.00
6	7	21	0.29	0.30	0.00	0.00	1.00	1.00	1.00
6	7	22	0.26	0.23	0.00	0.00	1.00	1.00	1.00
6	7	23	0.21	0.16	0.00	0.00	1.00	1.00	1.00
6	7	24	0.27	0.14	0.00	0.00	1.00	1.00	1.00
6	8	1	0.21	0.23	0.00	0.00	1.00	1.00	1.00
6	8	2	0.15	0.44	0.00	0.00	1.00	1.00	1.00
6	8	3	0.08	0.66	0.00	0.00	1.00	1.00	1.00
6	8	4	0.02	0.59	0.00	0.00	1.00	1.00	1.00
6	8	5	0.00	0.43	0.00	0.24	1.00	1.00	1.00
6	8	6	0.00	0.31	0.01	0.66	1.00	1.00	1.00
6	8	7	0.00	0.29	0.04	0.89	1.00	1.00	1.00
6	8	8	0.00	0.22	0.28	1.00	1.00	1.00	1.00
6	8	9	0.00	0.19	0.51	1.00	1.00	1.00	1.00
6	8	10	0.00	0.16	0.68	1.00	1.00	1.00	1.00
6	8	11	0.00	0.14	0.78	1.00	1.00	1.00	1.00
6	8	12	0.00	0.14	0.83	0.99	1.00	1.00	1.00
6	8	13	0.00	0.13	0.84	1.00	1.00	1.00	1.00
6	8	14	0.00	0.11	0.81	0.99	1.00	1.00	1.00
6	8	15	0.00	0.12	0.72	0.90	1.00	1.00	1.00
6	8	16	0.00	0.15	0.58	0.77	1.00	1.00	1.00
6	8	17	0.01	0.19	0.37	0.51	1.00	1.00	1.00
6	8	18	0.16	0.22	0.13	0.11	1.00	1.00	1.00
6	8	19	0.27	0.26	0.01	0.00	1.00	1.00	1.00
6	8	20	0.33	0.36	0.00	0.00	1.00	1.00	1.00
6	8	21	0.42	0.42	0.00	0.00	1.00	1.00	1.00
6	8	22	0.42	0.36	0.00	0.00	1.00	1.00	1.00
6	8	23	0.41	0.27	0.00	0.00	1.00	1.00	1.00
6	8	24	0.43	0.16	0.00	0.00	1.00	1.00	1.00
6	9	1	0.37	0.36	0.00	0.00	1.00	1.00	1.00
6	9	2	0.31	0.52	0.00	0.00	1.00	1.00	1.00

6	9	3	0.26	0.20	0.00	0.00	1.00	1.00	1.00
6	9	4	0.14	0.05	0.00	0.00	1.00	1.00	1.00
6	9	5	0.06	0.06	0.00	0.15	1.00	1.00	1.00
6	9	6	0.00	0.03	0.01	0.36	1.00	1.00	1.00
6	9	7	0.00	0.00	0.05	0.54	1.00	1.00	1.00
6	9	8	0.00	0.04	0.27	0.81	1.00	1.00	1.00
6	9	9	0.00	0.08	0.50	1.00	1.00	1.00	1.00
6	9	10	0.00	0.16	0.66	1.00	1.00	1.00	1.00
6	9	11	0.00	0.16	0.75	0.99	1.00	1.00	1.00
6	9	12	0.00	0.18	0.79	0.93	1.00	1.00	1.00
6	9	13	0.00	0.24	0.78	0.85	1.00	1.00	1.00
6	9	14	0.00	0.25	0.75	0.63	1.00	1.00	1.00
6	9	15	0.00	0.65	0.66	0.44	1.00	1.00	1.00
6	9	16	0.02	0.52	0.52	0.23	1.00	1.00	1.00
6	9	17	0.18	0.72	0.34	0.02	1.00	1.00	1.00
6	9	18	0.29	0.28	0.11	0.04	1.00	1.00	1.00
6	9	19	0.30	0.23	0.01	0.00	1.00	1.00	1.00
6	9	20	0.35	0.15	0.00	0.00	1.00	1.00	1.00
6	9	21	0.33	0.11	0.00	0.00	1.00	1.00	1.00
6	9	22	0.41	0.00	0.00	0.00	1.00	1.00	1.00
6	9	23	0.37	0.00	0.00	0.00	1.00	1.00	1.00
6	9	24	0.37	0.00	0.00	0.00	1.00	1.00	1.00
6	10	1	0.38	0.03	0.00	0.00	1.00	1.00	1.00
6	10	2	0.39	0.02	0.00	0.00	1.00	1.00	1.00
6	10	3	0.33	0.00	0.00	0.00	1.00	1.00	1.00
6	10	4	0.26	0.00	0.00	0.00	1.00	1.00	1.00
6	10	5	0.21	0.00	0.00	0.24	1.00	1.00	1.00
6	10	6	0.17	0.01	0.01	0.64	1.00	1.00	1.00
6	10	7	0.07	0.04	0.05	0.86	1.00	1.00	1.00
6	10	8	0.01	0.06	0.26	0.98	1.00	1.00	1.00
6	10	9	0.02	0.05	0.47	1.00	1.00	1.00	1.00
6	10	10	0.05	0.04	0.63	1.00	1.00	1.00	1.00
6	10	11	0.09	0.02	0.73	1.00	1.00	1.00	1.00
6	10	12	0.11	0.01	0.77	0.93	1.00	1.00	1.00
6	10	13	0.20	0.01	0.78	0.88	1.00	1.00	1.00
6	10	14	0.29	0.04	0.75	0.99	1.00	1.00	1.00
6	10	15	0.41	0.18	0.67	0.82	1.00	1.00	1.00
6	10	16	0.57	0.17	0.54	0.69	1.00	1.00	1.00
6	10	17	0.66	0.23	0.35	0.57	1.00	1.00	1.00
6	10	18	0.70	0.26	0.13	0.22	1.00	1.00	1.00
6	10	19	0.81	0.26	0.01	0.00	1.00	1.00	1.00
6	10	20	0.83	0.18	0.00	0.00	1.00	1.00	1.00
6	10	21	0.79	0.04	0.00	0.00	1.00	1.00	1.00
6	10	22	0.65	0.02	0.00	0.00	1.00	1.00	1.00
6	10	23	0.52	0.08	0.00	0.00	1.00	1.00	1.00
6	10	24	0.46	0.32	0.00	0.00	1.00	1.00	1.00
6	11	1	0.38	0.29	0.00	0.00	1.00	1.00	1.00
6	11	2	0.32	0.16	0.00	0.00	1.00	1.00	1.00
6	11	3	0.25	0.07	0.00	0.00	1.00	1.00	1.00

6	11	4	0.29	0.16	0.00	0.00	1.00	1.00	1.00
6	11	5	0.33	0.12	0.00	0.08	1.00	1.00	1.00
6	11	6	0.25	0.09	0.01	0.29	1.00	1.00	1.00
6	11	7	0.08	0.08	0.04	0.52	1.00	1.00	1.00
6	11	8	0.05	0.05	0.26	0.77	1.00	1.00	1.00
6	11	9	0.07	0.00	0.49	0.87	1.00	1.00	1.00
6	11	10	0.12	0.00	0.65	0.88	1.00	1.00	1.00
6	11	11	0.21	0.06	0.76	0.78	1.00	1.00	1.00
6	11	12	0.27	0.32	0.81	0.62	1.00	1.00	1.00
6	11	13	0.30	0.16	0.82	0.56	1.00	1.00	1.00
6	11	14	0.36	0.31	0.78	0.49	1.00	1.00	1.00
6	11	15	0.40	0.34	0.70	0.45	1.00	1.00	1.00
6	11	16	0.47	0.24	0.57	0.15	1.00	1.00	1.00
6	11	17	0.56	0.04	0.38	0.17	1.00	1.00	1.00
6	11	18	0.68	0.19	0.13	0.04	1.00	1.00	1.00
6	11	19	0.72	0.63	0.01	0.00	1.00	1.00	1.00
6	11	20	0.79	0.36	0.00	0.00	1.00	1.00	1.00
6	11	21	0.77	0.28	0.00	0.00	1.00	1.00	1.00
6	11	22	0.57	0.19	0.00	0.00	1.00	1.00	1.00
6	11	23	0.40	0.11	0.00	0.00	1.00	1.00	1.00
6	11	24	0.34	0.23	0.00	0.00	1.00	1.00	1.00
6	12	1	0.31	0.39	0.00	0.00	1.00	1.00	1.00
6	12	2	0.22	0.42	0.00	0.00	1.00	1.00	1.00
6	12	3	0.15	0.50	0.00	0.00	1.00	1.00	1.00
6	12	4	0.09	0.59	0.00	0.00	1.00	1.00	1.00
6	12	5	0.03	0.66	0.00	0.19	1.00	1.00	1.00
6	12	6	0.00	0.60	0.01	0.50	1.00	1.00	1.00
6	12	7	0.00	0.57	0.04	0.70	1.00	1.00	1.00
6	12	8	0.00	0.58	0.27	0.96	1.00	1.00	1.00
6	12	9	0.00	0.61	0.49	1.00	1.00	1.00	1.00
6	12	10	0.00	0.57	0.66	0.91	1.00	1.00	1.00
6	12	11	0.00	0.56	0.77	0.82	1.00	1.00	1.00
6	12	12	0.00	0.55	0.82	0.77	1.00	1.00	1.00
6	12	13	0.01	0.59	0.82	0.94	1.00	1.00	1.00
6	12	14	0.08	0.65	0.79	0.85	1.00	1.00	1.00
6	12	15	0.01	0.69	0.71	0.87	1.00	1.00	1.00
6	12	16	0.00	0.72	0.57	0.82	1.00	1.00	1.00
6	12	17	0.05	0.65	0.38	0.54	1.00	1.00	1.00
6	12	18	0.24	0.47	0.13	0.18	1.00	1.00	1.00
6	12	19	0.31	0.32	0.01	0.00	1.00	1.00	1.00
6	12	20	0.38	0.35	0.00	0.00	1.00	1.00	1.00
6	12	21	0.37	0.47	0.00	0.00	1.00	1.00	1.00
6	12	22	0.31	0.54	0.00	0.00	1.00	1.00	1.00
6	12	23	0.29	0.53	0.00	0.00	1.00	1.00	1.00
6	12	24	0.27	0.51	0.00	0.00	1.00	1.00	1.00
6	13	1	0.22	0.50	0.00	0.00	1.00	1.00	1.00
6	13	2	0.16	0.47	0.00	0.00	1.00	1.00	1.00
6	13	3	0.10	0.49	0.00	0.00	1.00	1.00	1.00
6	13	4	0.04	0.42	0.00	0.00	1.00	1.00	1.00

6	13	5	0.00	0.34	0.00	0.24	1.00	1.00	1.00
6	13	6	0.00	0.20	0.01	0.60	1.00	1.00	1.00
6	13	7	0.00	0.09	0.04	0.77	1.00	1.00	1.00
6	13	8	0.00	0.04	0.27	0.96	1.00	1.00	1.00
6	13	9	0.00	0.02	0.49	0.95	1.00	1.00	1.00
6	13	10	0.00	0.02	0.65	0.95	1.00	1.00	1.00
6	13	11	0.00	0.05	0.75	0.88	1.00	1.00	1.00
6	13	12	0.00	0.05	0.80	0.89	1.00	1.00	1.00
6	13	13	0.00	0.06	0.80	0.85	1.00	1.00	1.00
6	13	14	0.00	0.25	0.77	0.78	1.00	1.00	1.00
6	13	15	0.00	0.12	0.70	0.66	1.00	1.00	1.00
6	13	16	0.00	0.08	0.56	0.63	1.00	1.00	1.00
6	13	17	0.01	0.13	0.37	0.49	1.00	1.00	1.00
6	13	18	0.11	0.17	0.13	0.16	1.00	1.00	1.00
6	13	19	0.25	0.17	0.01	0.00	1.00	1.00	1.00
6	13	20	0.32	0.11	0.00	0.00	1.00	1.00	1.00
6	13	21	0.39	0.05	0.00	0.00	1.00	1.00	1.00
6	13	22	0.47	0.19	0.00	0.00	1.00	1.00	1.00
6	13	23	0.50	0.21	0.00	0.00	1.00	1.00	1.00
6	13	24	0.38	0.16	0.00	0.00	1.00	1.00	1.00
6	14	1	0.31	0.11	0.00	0.00	1.00	1.00	1.00
6	14	2	0.25	0.10	0.00	0.00	1.00	1.00	1.00
6	14	3	0.20	0.07	0.00	0.00	1.00	1.00	1.00
6	14	4	0.13	0.10	0.00	0.00	1.00	1.00	1.00
6	14	5	0.06	0.07	0.00	0.25	1.00	1.00	1.00
6	14	6	0.01	0.01	0.01	0.64	1.00	1.00	1.00
6	14	7	0.00	0.00	0.04	0.86	1.00	1.00	1.00
6	14	8	0.00	0.00	0.26	0.97	1.00	1.00	1.00
6	14	9	0.00	0.00	0.49	1.00	1.00	1.00	1.00
6	14	10	0.00	0.00	0.64	1.00	1.00	1.00	1.00
6	14	11	0.00	0.03	0.74	1.00	1.00	1.00	1.00
6	14	12	0.00	0.07	0.79	1.00	1.00	1.00	1.00
6	14	13	0.00	0.12	0.80	0.98	1.00	1.00	1.00
6	14	14	0.00	0.18	0.77	0.99	1.00	1.00	1.00
6	14	15	0.04	0.22	0.69	0.80	1.00	1.00	1.00
6	14	16	0.17	0.23	0.56	0.65	1.00	1.00	1.00
6	14	17	0.26	0.25	0.37	0.53	1.00	1.00	1.00
6	14	18	0.36	0.15	0.13	0.16	1.00	1.00	1.00
6	14	19	0.47	0.15	0.01	0.00	1.00	1.00	1.00
6	14	20	0.49	0.28	0.00	0.00	1.00	1.00	1.00
6	14	21	0.49	0.17	0.00	0.00	1.00	1.00	1.00
6	14	22	0.44	0.07	0.00	0.00	1.00	1.00	1.00
6	14	23	0.37	0.20	0.00	0.00	1.00	1.00	1.00
6	14	24	0.35	0.26	0.00	0.00	1.00	1.00	1.00
6	15	1	0.37	0.35	0.00	0.00	1.00	1.00	1.00
6	15	2	0.34	0.25	0.00	0.00	1.00	1.00	1.00
6	15	3	0.30	0.17	0.00	0.00	1.00	1.00	1.00
6	15	4	0.28	0.05	0.00	0.00	1.00	1.00	1.00
6	15	5	0.24	0.00	0.00	0.26	1.00	1.00	1.00

6	15	6	0.18	0.00	0.01	0.64	1.00	1.00	1.00
6	15	7	0.13	0.00	0.04	0.86	1.00	1.00	1.00
6	15	8	0.16	0.00	0.26	0.99	1.00	1.00	1.00
6	15	9	0.14	0.00	0.48	1.00	1.00	1.00	1.00
6	15	10	0.11	0.00	0.64	1.00	1.00	1.00	1.00
6	15	11	0.19	0.00	0.74	0.95	1.00	1.00	1.00
6	15	12	0.28	0.09	0.79	0.98	1.00	1.00	1.00
6	15	13	0.35	0.08	0.79	0.86	1.00	1.00	1.00
6	15	14	0.45	0.32	0.76	0.59	1.00	1.00	1.00
6	15	15	0.58	0.26	0.69	0.60	1.00	1.00	1.00
6	15	16	0.68	0.18	0.55	0.54	1.00	1.00	1.00
6	15	17	0.79	0.40	0.35	0.27	1.00	1.00	1.00
6	15	18	0.84	0.34	0.12	0.12	1.00	1.00	1.00
6	15	19	0.81	0.59	0.01	0.00	1.00	1.00	1.00
6	15	20	0.81	0.26	0.00	0.00	1.00	1.00	1.00
6	15	21	0.76	0.11	0.00	0.00	1.00	1.00	1.00
6	15	22	0.67	0.11	0.00	0.00	1.00	1.00	1.00
6	15	23	0.63	0.13	0.00	0.00	1.00	1.00	1.00
6	15	24	0.63	0.12	0.00	0.00	1.00	1.00	1.00
6	16	1	0.58	0.16	0.00	0.00	1.00	1.00	1.00
6	16	2	0.54	0.14	0.00	0.00	1.00	1.00	1.00
6	16	3	0.49	0.10	0.00	0.00	1.00	1.00	1.00
6	16	4	0.46	0.03	0.00	0.00	1.00	1.00	1.00
6	16	5	0.47	0.02	0.00	0.19	1.00	1.00	1.00
6	16	6	0.46	0.00	0.01	0.54	1.00	1.00	1.00
6	16	7	0.39	0.00	0.04	0.81	1.00	1.00	1.00
6	16	8	0.52	0.01	0.26	0.94	1.00	1.00	1.00
6	16	9	0.67	0.03	0.47	0.98	1.00	1.00	1.00
6	16	10	0.79	0.01	0.64	1.00	1.00	1.00	1.00
6	16	11	0.88	0.03	0.75	0.99	1.00	1.00	1.00
6	16	12	0.93	0.02	0.81	0.94	1.00	1.00	1.00
6	16	13	0.93	0.00	0.81	0.81	1.00	1.00	1.00
6	16	14	0.93	0.00	0.79	0.75	1.00	1.00	1.00
6	16	15	0.94	0.00	0.71	0.72	1.00	1.00	1.00
6	16	16	0.94	0.02	0.57	0.60	1.00	1.00	1.00
6	16	17	0.96	0.19	0.37	0.44	1.00	1.00	1.00
6	16	18	0.95	0.17	0.13	0.16	1.00	1.00	1.00
6	16	19	0.91	0.05	0.01	0.00	1.00	1.00	1.00
6	16	20	0.86	0.12	0.00	0.00	1.00	1.00	1.00
6	16	21	0.81	0.08	0.00	0.00	1.00	1.00	1.00
6	16	22	0.79	0.11	0.00	0.00	1.00	1.00	1.00
6	16	23	0.74	0.12	0.00	0.00	1.00	1.00	1.00
6	16	24	0.70	0.10	0.00	0.00	1.00	1.00	1.00
6	17	1	0.65	0.08	0.00	0.00	1.00	1.00	1.00
6	17	2	0.52	0.07	0.00	0.00	1.00	1.00	1.00
6	17	3	0.51	0.03	0.00	0.00	1.00	1.00	1.00
6	17	4	0.48	0.03	0.00	0.00	1.00	1.00	1.00
6	17	5	0.45	0.04	0.00	0.17	1.00	1.00	1.00
6	17	6	0.38	0.00	0.01	0.54	1.00	1.00	1.00

6	17	7	0.26	0.00	0.04	0.82	1.00	1.00	1.00
6	17	8	0.19	0.01	0.26	0.96	1.00	1.00	1.00
6	17	9	0.18	0.04	0.48	1.00	1.00	1.00	1.00
6	17	10	0.13	0.08	0.65	1.00	1.00	1.00	1.00
6	17	11	0.06	0.10	0.76	1.00	1.00	1.00	1.00
6	17	12	0.05	0.11	0.81	0.96	1.00	1.00	1.00
6	17	13	0.07	0.13	0.82	0.92	1.00	1.00	1.00
6	17	14	0.14	0.16	0.79	0.73	1.00	1.00	1.00
6	17	15	0.24	0.34	0.71	0.66	1.00	1.00	1.00
6	17	16	0.34	0.58	0.57	0.39	1.00	1.00	1.00
6	17	17	0.48	0.28	0.38	0.26	1.00	1.00	1.00
6	17	18	0.72	0.15	0.14	0.06	1.00	1.00	1.00
6	17	19	0.82	0.25	0.01	0.00	1.00	1.00	1.00
6	17	20	0.84	0.44	0.00	0.00	1.00	1.00	1.00
6	17	21	0.82	0.50	0.00	0.00	1.00	1.00	1.00
6	17	22	0.76	0.61	0.00	0.00	1.00	1.00	1.00
6	17	23	0.70	0.74	0.00	0.00	1.00	1.00	1.00
6	17	24	0.72	0.87	0.00	0.00	1.00	1.00	1.00
6	18	1	0.72	0.91	0.00	0.00	1.00	1.00	1.00
6	18	2	0.62	0.78	0.00	0.00	1.00	1.00	1.00
6	18	3	0.49	0.57	0.00	0.00	1.00	1.00	1.00
6	18	4	0.41	0.58	0.00	0.00	1.00	1.00	1.00
6	18	5	0.31	0.56	0.00	0.25	1.00	1.00	1.00
6	18	6	0.19	0.47	0.01	0.62	1.00	1.00	1.00
6	18	7	0.12	0.26	0.04	0.83	1.00	1.00	1.00
6	18	8	0.08	0.21	0.26	0.96	1.00	1.00	1.00
6	18	9	0.07	0.17	0.48	1.00	1.00	1.00	1.00
6	18	10	0.05	0.13	0.64	1.00	1.00	1.00	1.00
6	18	11	0.04	0.08	0.74	1.00	1.00	1.00	1.00
6	18	12	0.02	0.05	0.81	0.99	1.00	1.00	1.00
6	18	13	0.02	0.04	0.81	0.99	1.00	1.00	1.00
6	18	14	0.03	0.05	0.78	0.99	1.00	1.00	1.00
6	18	15	0.05	0.09	0.70	0.95	1.00	1.00	1.00
6	18	16	0.11	0.13	0.57	0.86	1.00	1.00	1.00
6	18	17	0.16	0.19	0.38	0.65	1.00	1.00	1.00
6	18	18	0.31	0.23	0.14	0.20	1.00	1.00	1.00
6	18	19	0.46	0.36	0.01	0.00	1.00	1.00	1.00
6	18	20	0.52	0.40	0.00	0.00	1.00	1.00	1.00
6	18	21	0.50	0.36	0.00	0.00	1.00	1.00	1.00
6	18	22	0.46	0.24	0.00	0.00	1.00	1.00	1.00
6	18	23	0.36	0.21	0.00	0.00	1.00	1.00	1.00
6	18	24	0.27	0.16	0.00	0.00	1.00	1.00	1.00
6	19	1	0.20	0.09	0.00	0.00	1.00	1.00	1.00
6	19	2	0.18	0.04	0.00	0.00	1.00	1.00	1.00
6	19	3	0.24	0.03	0.00	0.00	1.00	1.00	1.00
6	19	4	0.22	0.01	0.00	0.00	1.00	1.00	1.00
6	19	5	0.21	0.02	0.00	0.24	1.00	1.00	1.00
6	19	6	0.18	0.02	0.01	0.62	1.00	1.00	1.00
6	19	7	0.14	0.00	0.04	0.83	1.00	1.00	1.00

6	19	8	0.16	0.00	0.25	0.96	1.00	1.00	1.00
6	19	9	0.16	0.00	0.47	1.00	1.00	1.00	1.00
6	19	10	0.20	0.00	0.63	1.00	1.00	1.00	1.00
6	19	11	0.20	0.00	0.74	1.00	1.00	1.00	1.00
6	19	12	0.21	0.00	0.80	0.98	1.00	1.00	1.00
6	19	13	0.26	0.01	0.81	0.86	1.00	1.00	1.00
6	19	14	0.32	0.05	0.78	0.83	1.00	1.00	1.00
6	19	15	0.40	0.10	0.70	0.60	1.00	1.00	1.00
6	19	16	0.53	0.11	0.57	0.31	1.00	1.00	1.00
6	19	17	0.59	0.08	0.38	0.19	1.00	1.00	1.00
6	19	18	0.62	0.10	0.14	0.10	1.00	1.00	1.00
6	19	19	0.66	0.37	0.01	0.00	1.00	1.00	1.00
6	19	20	0.73	0.31	0.00	0.00	1.00	1.00	1.00
6	19	21	0.69	0.24	0.00	0.00	1.00	1.00	1.00
6	19	22	0.59	0.31	0.00	0.00	1.00	1.00	1.00
6	19	23	0.47	0.56	0.00	0.00	1.00	1.00	1.00
6	19	24	0.46	0.50	0.00	0.00	1.00	1.00	1.00
6	20	1	0.45	0.43	0.00	0.00	1.00	1.00	1.00
6	20	2	0.39	0.24	0.00	0.00	1.00	1.00	1.00
6	20	3	0.34	0.21	0.00	0.00	1.00	1.00	1.00
6	20	4	0.27	0.13	0.00	0.00	1.00	1.00	1.00
6	20	5	0.23	0.29	0.00	0.11	1.00	1.00	1.00
6	20	6	0.20	0.18	0.01	0.29	1.00	1.00	1.00
6	20	7	0.15	0.03	0.04	0.50	1.00	1.00	1.00
6	20	8	0.20	0.00	0.26	0.46	1.00	1.00	1.00
6	20	9	0.29	0.02	0.48	0.50	1.00	1.00	1.00
6	20	10	0.38	0.09	0.65	0.49	1.00	1.00	1.00
6	20	11	0.35	0.11	0.76	0.51	1.00	1.00	1.00
6	20	12	0.33	0.16	0.81	0.52	1.00	1.00	1.00
6	20	13	0.42	0.12	0.82	0.56	1.00	1.00	1.00
6	20	14	0.46	0.08	0.79	0.62	1.00	1.00	1.00
6	20	15	0.54	0.04	0.71	0.44	1.00	1.00	1.00
6	20	16	0.60	0.06	0.57	0.28	1.00	1.00	1.00
6	20	17	0.71	0.28	0.38	0.21	1.00	1.00	1.00
6	20	18	0.76	0.29	0.14	0.07	1.00	1.00	1.00
6	20	19	0.74	0.35	0.01	0.00	1.00	1.00	1.00
6	20	20	0.76	0.21	0.00	0.00	1.00	1.00	1.00
6	20	21	0.62	0.12	0.00	0.00	1.00	1.00	1.00
6	20	22	0.49	0.21	0.00	0.00	1.00	1.00	1.00
6	20	23	0.38	0.12	0.00	0.00	1.00	1.00	1.00
6	20	24	0.34	0.03	0.00	0.00	1.00	1.00	1.00
6	21	1	0.34	0.03	0.00	0.00	1.00	1.00	1.00
6	21	2	0.38	0.11	0.00	0.00	1.00	1.00	1.00
6	21	3	0.39	0.14	0.00	0.00	1.00	1.00	1.00
6	21	4	0.37	0.22	0.00	0.00	1.00	1.00	1.00
6	21	5	0.31	0.28	0.00	0.22	1.00	1.00	1.00
6	21	6	0.29	0.17	0.01	0.61	1.00	1.00	1.00
6	21	7	0.15	0.03	0.04	0.83	1.00	1.00	1.00
6	21	8	0.09	0.05	0.26	0.95	1.00	1.00	1.00

6	21	9	0.04	0.03	0.49	1.00	1.00	1.00	1.00
6	21	10	0.00	0.01	0.65	1.00	1.00	1.00	1.00
6	21	11	0.00	0.00	0.75	0.96	1.00	1.00	1.00
6	21	12	0.00	0.00	0.80	0.94	1.00	1.00	1.00
6	21	13	0.00	0.01	0.80	0.88	1.00	1.00	1.00
6	21	14	0.08	0.23	0.78	0.77	1.00	1.00	1.00
6	21	15	0.19	0.30	0.71	0.70	1.00	1.00	1.00
6	21	16	0.23	0.18	0.57	0.56	1.00	1.00	1.00
6	21	17	0.27	0.28	0.38	0.34	1.00	1.00	1.00
6	21	18	0.27	0.28	0.14	0.13	1.00	1.00	1.00
6	21	19	0.32	0.41	0.01	0.00	1.00	1.00	1.00
6	21	20	0.44	0.43	0.00	0.00	1.00	1.00	1.00
6	21	21	0.43	0.44	0.00	0.00	1.00	1.00	1.00
6	21	22	0.42	0.36	0.00	0.00	1.00	1.00	1.00
6	21	23	0.44	0.25	0.00	0.00	1.00	1.00	1.00
6	21	24	0.41	0.14	0.00	0.00	1.00	1.00	1.00
6	22	1	0.40	0.17	0.00	0.00	1.00	1.00	1.00
6	22	2	0.38	0.15	0.00	0.00	1.00	1.00	1.00
6	22	3	0.29	0.06	0.00	0.00	1.00	1.00	1.00
6	22	4	0.25	0.14	0.00	0.00	1.00	1.00	1.00
6	22	5	0.19	0.35	0.00	0.25	1.00	1.00	1.00
6	22	6	0.16	0.46	0.01	0.62	1.00	1.00	1.00
6	22	7	0.03	0.43	0.04	0.84	1.00	1.00	1.00
6	22	8	0.00	0.35	0.25	0.96	1.00	1.00	1.00
6	22	9	0.00	0.16	0.48	0.99	1.00	1.00	1.00
6	22	10	0.00	0.03	0.64	0.95	1.00	1.00	1.00
6	22	11	0.00	0.07	0.73	0.88	1.00	1.00	1.00
6	22	12	0.00	0.29	0.78	0.73	1.00	1.00	1.00
6	22	13	0.00	0.41	0.78	0.58	1.00	1.00	1.00
6	22	14	0.00	0.52	0.74	0.49	1.00	1.00	1.00
6	22	15	0.08	0.13	0.66	0.53	1.00	1.00	1.00
6	22	16	0.18	0.07	0.53	0.39	1.00	1.00	1.00
6	22	17	0.25	0.23	0.36	0.36	1.00	1.00	1.00
6	22	18	0.28	0.29	0.13	0.14	1.00	1.00	1.00
6	22	19	0.36	0.59	0.01	0.00	1.00	1.00	1.00
6	22	20	0.45	0.36	0.00	0.00	1.00	1.00	1.00
6	22	21	0.49	0.18	0.00	0.00	1.00	1.00	1.00
6	22	22	0.53	0.23	0.00	0.00	1.00	1.00	1.00
6	22	23	0.55	0.47	0.00	0.00	1.00	1.00	1.00
6	22	24	0.55	0.37	0.00	0.00	1.00	1.00	1.00
6	23	1	0.56	0.26	0.00	0.00	1.00	1.00	1.00
6	23	2	0.51	0.18	0.00	0.00	1.00	1.00	1.00
6	23	3	0.50	0.17	0.00	0.00	1.00	1.00	1.00
6	23	4	0.47	0.06	0.00	0.00	1.00	1.00	1.00
6	23	5	0.37	0.04	0.00	0.24	1.00	1.00	1.00
6	23	6	0.40	0.07	0.01	0.60	1.00	1.00	1.00
6	23	7	0.33	0.11	0.04	0.83	1.00	1.00	1.00
6	23	8	0.29	0.07	0.25	0.97	1.00	1.00	1.00
6	23	9	0.24	0.01	0.46	1.00	1.00	1.00	1.00

6	23	10	0.18	0.00	0.63	1.00	1.00	1.00	1.00
6	23	11	0.17	0.00	0.73	1.00	1.00	1.00	1.00
6	23	12	0.28	0.00	0.79	0.92	1.00	1.00	1.00
6	23	13	0.47	0.14	0.79	0.92	1.00	1.00	1.00
6	23	14	0.61	0.38	0.75	0.80	1.00	1.00	1.00
6	23	15	0.67	0.35	0.68	0.62	1.00	1.00	1.00
6	23	16	0.76	0.24	0.57	0.42	1.00	1.00	1.00
6	23	17	0.86	0.35	0.38	0.24	1.00	1.00	1.00
6	23	18	0.90	0.05	0.14	0.06	1.00	1.00	1.00
6	23	19	0.90	0.02	0.01	0.00	1.00	1.00	1.00
6	23	20	0.89	0.07	0.00	0.00	1.00	1.00	1.00
6	23	21	0.78	0.01	0.00	0.00	1.00	1.00	1.00
6	23	22	0.63	0.00	0.00	0.00	1.00	1.00	1.00
6	23	23	0.55	0.02	0.00	0.00	1.00	1.00	1.00
6	23	24	0.53	0.01	0.00	0.00	1.00	1.00	1.00
6	24	1	0.53	0.02	0.00	0.00	1.00	1.00	1.00
6	24	2	0.50	0.10	0.00	0.00	1.00	1.00	1.00
6	24	3	0.45	0.16	0.00	0.00	1.00	1.00	1.00
6	24	4	0.47	0.05	0.00	0.00	1.00	1.00	1.00
6	24	5	0.44	0.00	0.00	0.21	1.00	1.00	1.00
6	24	6	0.42	0.00	0.01	0.59	1.00	1.00	1.00
6	24	7	0.38	0.00	0.04	0.78	1.00	1.00	1.00
6	24	8	0.49	0.00	0.25	0.95	1.00	1.00	1.00
6	24	9	0.64	0.00	0.47	1.00	1.00	1.00	1.00
6	24	10	0.76	0.00	0.64	1.00	1.00	1.00	1.00
6	24	11	0.88	0.00	0.74	1.00	1.00	1.00	1.00
6	24	12	0.94	0.00	0.80	0.99	1.00	1.00	1.00
6	24	13	0.95	0.00	0.80	0.95	1.00	1.00	1.00
6	24	14	0.96	0.08	0.75	0.83	1.00	1.00	1.00
6	24	15	0.95	0.32	0.70	0.71	1.00	1.00	1.00
6	24	16	0.94	0.29	0.56	0.56	1.00	1.00	1.00
6	24	17	0.93	0.20	0.37	0.48	1.00	1.00	1.00
6	24	18	0.92	0.33	0.14	0.14	1.00	1.00	1.00
6	24	19	0.87	0.27	0.01	0.00	1.00	1.00	1.00
6	24	20	0.81	0.23	0.00	0.00	1.00	1.00	1.00
6	24	21	0.66	0.32	0.00	0.00	1.00	1.00	1.00
6	24	22	0.54	0.07	0.00	0.00	1.00	1.00	1.00
6	24	23	0.46	0.07	0.00	0.00	1.00	1.00	1.00
6	24	24	0.45	0.05	0.00	0.00	1.00	1.00	1.00
6	25	1	0.48	0.09	0.00	0.00	1.00	1.00	1.00
6	25	2	0.50	0.12	0.00	0.00	1.00	1.00	1.00
6	25	3	0.50	0.14	0.00	0.00	1.00	1.00	1.00
6	25	4	0.40	0.05	0.00	0.00	1.00	1.00	1.00
6	25	5	0.34	0.04	0.00	0.22	1.00	1.00	1.00
6	25	6	0.23	0.02	0.01	0.61	1.00	1.00	1.00
6	25	7	0.07	0.02	0.04	0.84	1.00	1.00	1.00
6	25	8	0.02	0.02	0.26	0.97	1.00	1.00	1.00
6	25	9	0.00	0.00	0.49	1.00	1.00	1.00	1.00
6	25	10	0.00	0.01	0.65	1.00	1.00	1.00	1.00

6	25	11	0.00	0.05	0.76	1.00	1.00	1.00	1.00
6	25	12	0.00	0.11	0.81	0.97	1.00	1.00	1.00
6	25	13	0.00	0.13	0.82	0.85	1.00	1.00	1.00
6	25	14	0.00	0.15	0.78	0.87	1.00	1.00	1.00
6	25	15	0.02	0.31	0.71	0.84	1.00	1.00	1.00
6	25	16	0.13	0.44	0.57	0.64	1.00	1.00	1.00
6	25	17	0.24	0.40	0.38	0.50	1.00	1.00	1.00
6	25	18	0.36	0.12	0.15	0.18	1.00	1.00	1.00
6	25	19	0.41	0.23	0.01	0.00	1.00	1.00	1.00
6	25	20	0.48	0.22	0.00	0.00	1.00	1.00	1.00
6	25	21	0.54	0.35	0.00	0.00	1.00	1.00	1.00
6	25	22	0.53	0.18	0.00	0.00	1.00	1.00	1.00
6	25	23	0.53	0.12	0.00	0.00	1.00	1.00	1.00
6	25	24	0.46	0.18	0.00	0.00	1.00	1.00	1.00
6	26	1	0.40	0.10	0.00	0.00	1.00	1.00	1.00
6	26	2	0.40	0.11	0.00	0.00	1.00	1.00	1.00
6	26	3	0.34	0.32	0.00	0.00	1.00	1.00	1.00
6	26	4	0.22	0.51	0.00	0.00	1.00	1.00	1.00
6	26	5	0.13	0.33	0.00	0.23	1.00	1.00	1.00
6	26	6	0.05	0.15	0.01	0.57	1.00	1.00	1.00
6	26	7	0.00	0.21	0.04	0.76	1.00	1.00	1.00
6	26	8	0.00	0.16	0.25	0.91	1.00	1.00	1.00
6	26	9	0.00	0.09	0.48	1.00	1.00	1.00	1.00
6	26	10	0.00	0.07	0.64	1.00	1.00	1.00	1.00
6	26	11	0.00	0.04	0.74	1.00	1.00	1.00	1.00
6	26	12	0.00	0.04	0.80	0.91	1.00	1.00	1.00
6	26	13	0.01	0.07	0.80	0.91	1.00	1.00	1.00
6	26	14	0.08	0.19	0.77	0.87	1.00	1.00	1.00
6	26	15	0.22	0.23	0.70	0.86	1.00	1.00	1.00
6	26	16	0.33	0.13	0.56	0.73	1.00	1.00	1.00
6	26	17	0.55	0.36	0.37	0.54	1.00	1.00	1.00
6	26	18	0.73	0.33	0.15	0.11	1.00	1.00	1.00
6	26	19	0.77	0.26	0.01	0.00	1.00	1.00	1.00
6	26	20	0.75	0.40	0.00	0.00	1.00	1.00	1.00
6	26	21	0.62	0.54	0.00	0.00	1.00	1.00	1.00
6	26	22	0.49	0.46	0.00	0.00	1.00	1.00	1.00
6	26	23	0.33	0.41	0.00	0.00	1.00	1.00	1.00
6	26	24	0.26	0.45	0.00	0.00	1.00	1.00	1.00
6	27	1	0.27	0.28	0.00	0.00	1.00	1.00	1.00
6	27	2	0.29	0.06	0.00	0.00	1.00	1.00	1.00
6	27	3	0.40	0.03	0.00	0.00	1.00	1.00	1.00
6	27	4	0.41	0.10	0.00	0.00	1.00	1.00	1.00
6	27	5	0.39	0.05	0.00	0.21	1.00	1.00	1.00
6	27	6	0.33	0.01	0.01	0.52	1.00	1.00	1.00
6	27	7	0.26	0.02	0.04	0.81	1.00	1.00	1.00
6	27	8	0.22	0.05	0.25	0.94	1.00	1.00	1.00
6	27	9	0.19	0.07	0.48	1.00	1.00	1.00	1.00
6	27	10	0.15	0.08	0.65	1.00	1.00	1.00	1.00
6	27	11	0.13	0.07	0.75	1.00	1.00	1.00	1.00

6	27	12	0.15	0.04	0.80	1.00	1.00	1.00	1.00
6	27	13	0.26	0.04	0.82	0.97	1.00	1.00	1.00
6	27	14	0.48	0.05	0.79	0.96	1.00	1.00	1.00
6	27	15	0.56	0.02	0.71	0.85	1.00	1.00	1.00
6	27	16	0.60	0.02	0.58	0.66	1.00	1.00	1.00
6	27	17	0.65	0.29	0.38	0.45	1.00	1.00	1.00
6	27	18	0.69	0.22	0.15	0.15	1.00	1.00	1.00
6	27	19	0.75	0.14	0.01	0.00	1.00	1.00	1.00
6	27	20	0.82	0.16	0.00	0.00	1.00	1.00	1.00
6	27	21	0.73	0.22	0.00	0.00	1.00	1.00	1.00
6	27	22	0.66	0.39	0.00	0.00	1.00	1.00	1.00
6	27	23	0.59	0.28	0.00	0.00	1.00	1.00	1.00
6	27	24	0.57	0.42	0.00	0.00	1.00	1.00	1.00
6	28	1	0.54	0.33	0.00	0.00	1.00	1.00	1.00
6	28	2	0.44	0.10	0.00	0.00	1.00	1.00	1.00
6	28	3	0.48	0.06	0.00	0.00	1.00	1.00	1.00
6	28	4	0.47	0.06	0.00	0.00	1.00	1.00	1.00
6	28	5	0.45	0.07	0.00	0.15	1.00	1.00	1.00
6	28	6	0.40	0.00	0.01	0.45	1.00	1.00	1.00
6	28	7	0.34	0.00	0.04	0.75	1.00	1.00	1.00
6	28	8	0.30	0.00	0.25	0.94	1.00	1.00	1.00
6	28	9	0.28	0.00	0.48	0.96	1.00	1.00	1.00
6	28	10	0.26	0.00	0.64	0.99	1.00	1.00	1.00
6	28	11	0.19	0.00	0.74	1.00	1.00	1.00	1.00
6	28	12	0.21	0.00	0.78	0.89	1.00	1.00	1.00
6	28	13	0.39	0.07	0.81	0.88	1.00	1.00	1.00
6	28	14	0.50	0.26	0.78	0.75	1.00	1.00	1.00
6	28	15	0.52	0.13	0.70	0.61	1.00	1.00	1.00
6	28	16	0.57	0.03	0.57	0.55	1.00	1.00	1.00
6	28	17	0.64	0.05	0.38	0.44	1.00	1.00	1.00
6	28	18	0.72	0.02	0.15	0.16	1.00	1.00	1.00
6	28	19	0.71	0.07	0.01	0.00	1.00	1.00	1.00
6	28	20	0.75	0.22	0.00	0.00	1.00	1.00	1.00
6	28	21	0.70	0.17	0.00	0.00	1.00	1.00	1.00
6	28	22	0.60	0.04	0.00	0.00	1.00	1.00	1.00
6	28	23	0.49	0.01	0.00	0.00	1.00	1.00	1.00
6	28	24	0.48	0.03	0.00	0.00	1.00	1.00	1.00
6	29	1	0.49	0.06	0.00	0.00	1.00	1.00	1.00
6	29	2	0.49	0.04	0.00	0.00	1.00	1.00	1.00
6	29	3	0.50	0.01	0.00	0.00	1.00	1.00	1.00
6	29	4	0.54	0.00	0.00	0.00	1.00	1.00	1.00
6	29	5	0.57	0.00	0.00	0.21	1.00	1.00	1.00
6	29	6	0.48	0.00	0.01	0.63	1.00	1.00	1.00
6	29	7	0.37	0.00	0.04	0.85	1.00	1.00	1.00
6	29	8	0.38	0.00	0.25	0.99	1.00	1.00	1.00
6	29	9	0.37	0.00	0.48	1.00	1.00	1.00	1.00
6	29	10	0.37	0.00	0.64	1.00	1.00	1.00	1.00
6	29	11	0.37	0.00	0.75	0.98	1.00	1.00	1.00
6	29	12	0.49	0.03	0.80	0.83	1.00	1.00	1.00

6	29	13	0.59	0.23	0.81	0.75	1.00	1.00	1.00
6	29	14	0.62	0.13	0.78	0.71	1.00	1.00	1.00
6	29	15	0.65	0.27	0.70	0.59	1.00	1.00	1.00
6	29	16	0.68	0.19	0.56	0.35	1.00	1.00	1.00
6	29	17	0.71	0.07	0.37	0.30	1.00	1.00	1.00
6	29	18	0.74	0.02	0.14	0.08	1.00	1.00	1.00
6	29	19	0.73	0.25	0.01	0.00	1.00	1.00	1.00
6	29	20	0.73	0.27	0.00	0.00	1.00	1.00	1.00
6	29	21	0.53	0.05	0.00	0.00	1.00	1.00	1.00
6	29	22	0.39	0.09	0.00	0.00	1.00	1.00	1.00
6	29	23	0.36	0.04	0.00	0.00	1.00	1.00	1.00
6	29	24	0.35	0.00	0.00	0.00	1.00	1.00	1.00
6	30	1	0.33	0.05	0.00	0.00	1.00	1.00	1.00
6	30	2	0.36	0.00	0.00	0.00	1.00	1.00	1.00
6	30	3	0.40	0.00	0.00	0.00	1.00	1.00	1.00
6	30	4	0.42	0.00	0.00	0.00	1.00	1.00	1.00
6	30	5	0.44	0.00	0.00	0.19	1.00	1.00	1.00
6	30	6	0.39	0.00	0.01	0.63	1.00	1.00	1.00
6	30	7	0.37	0.00	0.04	0.85	1.00	1.00	1.00
6	30	8	0.48	0.00	0.25	0.98	1.00	1.00	1.00
6	30	9	0.53	0.00	0.48	1.00	1.00	1.00	1.00
6	30	10	0.46	0.00	0.64	1.00	1.00	1.00	1.00
6	30	11	0.36	0.01	0.75	1.00	1.00	1.00	1.00
6	30	12	0.40	0.02	0.80	0.99	1.00	1.00	1.00
6	30	13	0.46	0.07	0.81	0.82	1.00	1.00	1.00
6	30	14	0.50	0.21	0.78	0.83	1.00	1.00	1.00
6	30	15	0.54	0.33	0.70	0.68	1.00	1.00	1.00
6	30	16	0.60	0.42	0.56	0.56	1.00	1.00	1.00
6	30	17	0.61	0.17	0.37	0.38	1.00	1.00	1.00
6	30	18	0.64	0.08	0.14	0.11	1.00	1.00	1.00
6	30	19	0.65	0.25	0.01	0.00	1.00	1.00	1.00
6	30	20	0.69	0.24	0.00	0.00	1.00	1.00	1.00
6	30	21	0.63	0.04	0.00	0.00	1.00	1.00	1.00
6	30	22	0.50	0.06	0.00	0.00	1.00	1.00	1.00
6	30	23	0.44	0.09	0.00	0.00	1.00	1.00	1.00
6	30	24	0.47	0.17	0.00	0.00	1.00	1.00	1.00
7	1	1	0.49	0.14	0.00	0.00	1.00	1.00	1.00
7	1	2	0.46	0.14	0.00	0.00	1.00	1.00	1.00
7	1	3	0.45	0.16	0.00	0.00	1.00	1.00	1.00
7	1	4	0.38	0.11	0.00	0.00	1.00	1.00	1.00
7	1	5	0.34	0.05	0.00	0.14	1.00	1.00	1.00
7	1	6	0.30	0.00	0.01	0.49	1.00	1.00	1.00
7	1	7	0.23	0.00	0.04	0.77	1.00	1.00	1.00
7	1	8	0.20	0.00	0.25	0.92	1.00	1.00	1.00
7	1	9	0.17	0.00	0.46	1.00	1.00	1.00	1.00
7	1	10	0.14	0.00	0.63	1.00	1.00	1.00	1.00
7	1	11	0.15	0.02	0.72	1.00	1.00	1.00	1.00
7	1	12	0.17	0.03	0.78	0.89	1.00	1.00	1.00
7	1	13	0.23	0.22	0.79	0.83	1.00	1.00	1.00

7	1	14	0.30	0.31	0.76	0.75	1.00	1.00	1.00
7	1	15	0.36	0.11	0.68	0.65	1.00	1.00	1.00
7	1	16	0.41	0.07	0.56	0.54	1.00	1.00	1.00
7	1	17	0.48	0.10	0.37	0.41	1.00	1.00	1.00
7	1	18	0.56	0.44	0.15	0.15	1.00	1.00	1.00
7	1	19	0.69	0.48	0.01	0.00	1.00	1.00	1.00
7	1	20	0.76	0.20	0.00	0.00	1.00	1.00	1.00
7	1	21	0.60	0.11	0.00	0.00	1.00	1.00	1.00
7	1	22	0.47	0.09	0.00	0.00	1.00	1.00	1.00
7	1	23	0.41	0.06	0.00	0.00	1.00	1.00	1.00
7	1	24	0.38	0.09	0.00	0.00	1.00	1.00	1.00
7	2	1	0.39	0.05	0.00	0.00	1.00	1.00	1.00
7	2	2	0.37	0.05	0.00	0.00	1.00	1.00	1.00
7	2	3	0.37	0.05	0.00	0.00	1.00	1.00	1.00
7	2	4	0.36	0.00	0.00	0.00	1.00	1.00	1.00
7	2	5	0.35	0.00	0.00	0.12	1.00	1.00	1.00
7	2	6	0.34	0.00	0.01	0.47	1.00	1.00	1.00
7	2	7	0.32	0.00	0.03	0.75	1.00	1.00	1.00
7	2	8	0.28	0.00	0.24	0.87	1.00	1.00	1.00
7	2	9	0.31	0.00	0.46	0.98	1.00	1.00	1.00
7	2	10	0.38	0.00	0.63	1.00	1.00	1.00	1.00
7	2	11	0.35	0.00	0.73	1.00	1.00	1.00	1.00
7	2	12	0.38	0.00	0.78	0.95	1.00	1.00	1.00
7	2	13	0.49	0.00	0.79	0.78	1.00	1.00	1.00
7	2	14	0.56	0.09	0.76	0.77	1.00	1.00	1.00
7	2	15	0.58	0.35	0.69	0.56	1.00	1.00	1.00
7	2	16	0.65	0.22	0.56	0.37	1.00	1.00	1.00
7	2	17	0.66	0.19	0.37	0.22	1.00	1.00	1.00
7	2	18	0.68	0.31	0.14	0.13	1.00	1.00	1.00
7	2	19	0.72	0.34	0.01	0.00	1.00	1.00	1.00
7	2	20	0.68	0.40	0.00	0.00	1.00	1.00	1.00
7	2	21	0.57	0.50	0.00	0.00	1.00	1.00	1.00
7	2	22	0.44	0.11	0.00	0.00	1.00	1.00	1.00
7	2	23	0.32	0.31	0.00	0.00	1.00	1.00	1.00
7	2	24	0.30	0.26	0.00	0.00	1.00	1.00	1.00
7	3	1	0.31	0.15	0.00	0.00	1.00	1.00	1.00
7	3	2	0.34	0.23	0.00	0.00	1.00	1.00	1.00
7	3	3	0.30	0.03	0.00	0.00	1.00	1.00	1.00
7	3	4	0.28	0.00	0.00	0.00	1.00	1.00	1.00
7	3	5	0.27	0.00	0.00	0.09	1.00	1.00	1.00
7	3	6	0.21	0.00	0.01	0.40	1.00	1.00	1.00
7	3	7	0.16	0.00	0.03	0.62	1.00	1.00	1.00
7	3	8	0.09	0.00	0.24	0.84	1.00	1.00	1.00
7	3	9	0.05	0.00	0.46	0.99	1.00	1.00	1.00
7	3	10	0.02	0.00	0.63	1.00	1.00	1.00	1.00
7	3	11	0.00	0.01	0.73	1.00	1.00	1.00	1.00
7	3	12	0.00	0.02	0.78	0.97	1.00	1.00	1.00
7	3	13	0.00	0.04	0.78	0.91	1.00	1.00	1.00
7	3	14	0.00	0.05	0.75	0.83	1.00	1.00	1.00

7	3	15	0.00	0.12	0.68	0.80	1.00	1.00	1.00
7	3	16	0.08	0.46	0.55	0.70	1.00	1.00	1.00
7	3	17	0.20	0.40	0.37	0.53	1.00	1.00	1.00
7	3	18	0.28	0.30	0.14	0.17	1.00	1.00	1.00
7	3	19	0.37	0.19	0.01	0.00	1.00	1.00	1.00
7	3	20	0.50	0.23	0.00	0.00	1.00	1.00	1.00
7	3	21	0.48	0.49	0.00	0.00	1.00	1.00	1.00
7	3	22	0.57	0.18	0.00	0.00	1.00	1.00	1.00
7	3	23	0.45	0.11	0.00	0.00	1.00	1.00	1.00
7	3	24	0.35	0.39	0.00	0.00	1.00	1.00	1.00
7	4	1	0.30	0.54	0.00	0.00	1.00	1.00	1.00
7	4	2	0.27	0.36	0.00	0.00	1.00	1.00	1.00
7	4	3	0.25	0.19	0.00	0.00	1.00	1.00	1.00
7	4	4	0.19	0.14	0.00	0.00	1.00	1.00	1.00
7	4	5	0.12	0.07	0.00	0.14	1.00	1.00	1.00
7	4	6	0.04	0.01	0.01	0.51	1.00	1.00	1.00
7	4	7	0.00	0.04	0.03	0.74	1.00	1.00	1.00
7	4	8	0.00	0.08	0.24	0.85	1.00	1.00	1.00
7	4	9	0.02	0.06	0.45	0.89	1.00	1.00	1.00
7	4	10	0.03	0.11	0.62	0.83	1.00	1.00	1.00
7	4	11	0.05	0.15	0.70	0.90	1.00	1.00	1.00
7	4	12	0.07	0.12	0.75	0.85	1.00	1.00	1.00
7	4	13	0.08	0.12	0.75	0.75	1.00	1.00	1.00
7	4	14	0.06	0.17	0.72	0.77	1.00	1.00	1.00
7	4	15	0.07	0.28	0.64	0.52	1.00	1.00	1.00
7	4	16	0.09	0.31	0.52	0.40	1.00	1.00	1.00
7	4	17	0.12	0.10	0.35	0.24	1.00	1.00	1.00
7	4	18	0.23	0.24	0.13	0.12	1.00	1.00	1.00
7	4	19	0.35	0.12	0.01	0.00	1.00	1.00	1.00
7	4	20	0.53	0.40	0.00	0.00	1.00	1.00	1.00
7	4	21	0.67	0.36	0.00	0.00	1.00	1.00	1.00
7	4	22	0.64	0.11	0.00	0.00	1.00	1.00	1.00
7	4	23	0.47	0.14	0.00	0.00	1.00	1.00	1.00
7	4	24	0.39	0.18	0.00	0.00	1.00	1.00	1.00
7	5	1	0.36	0.08	0.00	0.00	1.00	1.00	1.00
7	5	2	0.31	0.02	0.00	0.00	1.00	1.00	1.00
7	5	3	0.22	0.08	0.00	0.00	1.00	1.00	1.00
7	5	4	0.19	0.04	0.00	0.00	1.00	1.00	1.00
7	5	5	0.16	0.01	0.00	0.17	1.00	1.00	1.00
7	5	6	0.10	0.00	0.01	0.45	1.00	1.00	1.00
7	5	7	0.04	0.01	0.03	0.72	1.00	1.00	1.00
7	5	8	0.02	0.03	0.23	0.88	1.00	1.00	1.00
7	5	9	0.00	0.04	0.45	0.90	1.00	1.00	1.00
7	5	10	0.00	0.05	0.61	1.00	1.00	1.00	1.00
7	5	11	0.00	0.05	0.70	0.88	1.00	1.00	1.00
7	5	12	0.00	0.05	0.75	0.84	1.00	1.00	1.00
7	5	13	0.05	0.13	0.77	0.83	1.00	1.00	1.00
7	5	14	0.13	0.24	0.72	0.72	1.00	1.00	1.00
7	5	15	0.20	0.20	0.64	0.64	1.00	1.00	1.00

7	5	16	0.28	0.12	0.53	0.56	1.00	1.00	1.00
7	5	17	0.41	0.07	0.34	0.45	1.00	1.00	1.00
7	5	18	0.62	0.04	0.13	0.15	1.00	1.00	1.00
7	5	19	0.53	0.06	0.01	0.00	1.00	1.00	1.00
7	5	20	0.59	0.17	0.00	0.00	1.00	1.00	1.00
7	5	21	0.53	0.17	0.00	0.00	1.00	1.00	1.00
7	5	22	0.48	0.20	0.00	0.00	1.00	1.00	1.00
7	5	23	0.45	0.15	0.00	0.00	1.00	1.00	1.00
7	5	24	0.58	0.06	0.00	0.00	1.00	1.00	1.00
7	6	1	0.58	0.06	0.00	0.00	1.00	1.00	1.00
7	6	2	0.38	0.07	0.00	0.00	1.00	1.00	1.00
7	6	3	0.31	0.07	0.00	0.00	1.00	1.00	1.00
7	6	4	0.17	0.05	0.00	0.00	1.00	1.00	1.00
7	6	5	0.14	0.01	0.00	0.11	1.00	1.00	1.00
7	6	6	0.23	0.02	0.01	0.43	1.00	1.00	1.00
7	6	7	0.14	0.01	0.03	0.54	1.00	1.00	1.00
7	6	8	0.14	0.00	0.22	0.72	1.00	1.00	1.00
7	6	9	0.01	0.00	0.42	0.69	1.00	1.00	1.00
7	6	10	0.03	0.03	0.59	0.71	1.00	1.00	1.00
7	6	11	0.08	0.03	0.69	0.80	1.00	1.00	1.00
7	6	12	0.14	0.04	0.73	0.72	1.00	1.00	1.00
7	6	13	0.37	0.06	0.74	0.68	1.00	1.00	1.00
7	6	14	0.47	0.07	0.71	0.56	1.00	1.00	1.00
7	6	15	0.37	0.17	0.64	0.56	1.00	1.00	1.00
7	6	16	0.43	0.17	0.52	0.72	1.00	1.00	1.00
7	6	17	0.35	0.08	0.34	0.55	1.00	1.00	1.00
7	6	18	0.57	0.04	0.13	0.19	1.00	1.00	1.00
7	6	19	0.63	0.03	0.01	0.00	1.00	1.00	1.00
7	6	20	0.56	0.02	0.00	0.00	1.00	1.00	1.00
7	6	21	0.49	0.01	0.00	0.00	1.00	1.00	1.00
7	6	22	0.39	0.00	0.00	0.00	1.00	1.00	1.00
7	6	23	0.28	0.00	0.00	0.00	1.00	1.00	1.00
7	6	24	0.35	0.00	0.00	0.00	1.00	1.00	1.00
7	7	1	0.38	0.01	0.00	0.00	1.00	1.00	1.00
7	7	2	0.36	0.00	0.00	0.00	1.00	1.00	1.00
7	7	3	0.32	0.00	0.00	0.00	1.00	1.00	1.00
7	7	4	0.21	0.00	0.00	0.00	1.00	1.00	1.00
7	7	5	0.24	0.00	0.00	0.13	1.00	1.00	1.00
7	7	6	0.15	0.00	0.01	0.52	1.00	1.00	1.00
7	7	7	0.13	0.00	0.03	0.80	1.00	1.00	1.00
7	7	8	0.09	0.00	0.23	0.95	1.00	1.00	1.00
7	7	9	0.10	0.00	0.44	0.99	1.00	1.00	1.00
7	7	10	0.09	0.00	0.61	0.91	1.00	1.00	1.00
7	7	11	0.10	0.00	0.72	0.82	1.00	1.00	1.00
7	7	12	0.23	0.03	0.77	0.85	1.00	1.00	1.00
7	7	13	0.37	0.15	0.79	0.76	1.00	1.00	1.00
7	7	14	0.50	0.09	0.76	0.60	1.00	1.00	1.00
7	7	15	0.61	0.01	0.69	0.52	1.00	1.00	1.00
7	7	16	0.66	0.00	0.56	0.44	1.00	1.00	1.00

7	7	17	0.77	0.00	0.37	0.35	1.00	1.00	1.00
7	7	18	0.78	0.01	0.14	0.09	1.00	1.00	1.00
7	7	19	0.78	0.05	0.01	0.00	1.00	1.00	1.00
7	7	20	0.76	0.17	0.00	0.00	1.00	1.00	1.00
7	7	21	0.68	0.17	0.00	0.00	1.00	1.00	1.00
7	7	22	0.75	0.15	0.00	0.00	1.00	1.00	1.00
7	7	23	0.67	0.18	0.00	0.00	1.00	1.00	1.00
7	7	24	0.57	0.18	0.00	0.00	1.00	1.00	1.00
7	8	1	0.44	0.23	0.00	0.00	1.00	1.00	1.00
7	8	2	0.30	0.25	0.00	0.00	1.00	1.00	1.00
7	8	3	0.16	0.27	0.00	0.00	1.00	1.00	1.00
7	8	4	0.12	0.26	0.00	0.00	1.00	1.00	1.00
7	8	5	0.09	0.25	0.00	0.12	1.00	1.00	1.00
7	8	6	0.06	0.23	0.01	0.47	1.00	1.00	1.00
7	8	7	0.01	0.19	0.03	0.69	1.00	1.00	1.00
7	8	8	0.00	0.14	0.23	0.87	1.00	1.00	1.00
7	8	9	0.00	0.04	0.45	0.96	1.00	1.00	1.00
7	8	10	0.00	0.01	0.61	1.00	1.00	1.00	1.00
7	8	11	0.00	0.00	0.72	0.98	1.00	1.00	1.00
7	8	12	0.03	0.05	0.78	0.85	1.00	1.00	1.00
7	8	13	0.11	0.21	0.80	0.77	1.00	1.00	1.00
7	8	14	0.21	0.19	0.76	0.59	1.00	1.00	1.00
7	8	15	0.50	0.12	0.69	0.51	1.00	1.00	1.00
7	8	16	0.49	0.18	0.56	0.48	1.00	1.00	1.00
7	8	17	0.45	0.16	0.37	0.27	1.00	1.00	1.00
7	8	18	0.42	0.11	0.14	0.11	1.00	1.00	1.00
7	8	19	0.44	0.25	0.01	0.00	1.00	1.00	1.00
7	8	20	0.47	0.17	0.00	0.00	1.00	1.00	1.00
7	8	21	0.49	0.03	0.00	0.00	1.00	1.00	1.00
7	8	22	0.43	0.03	0.00	0.00	1.00	1.00	1.00
7	8	23	0.29	0.06	0.00	0.00	1.00	1.00	1.00
7	8	24	0.14	0.25	0.00	0.00	1.00	1.00	1.00
7	9	1	0.08	0.29	0.00	0.00	1.00	1.00	1.00
7	9	2	0.06	0.31	0.00	0.00	1.00	1.00	1.00
7	9	3	0.04	0.41	0.00	0.00	1.00	1.00	1.00
7	9	4	0.03	0.44	0.00	0.00	1.00	1.00	1.00
7	9	5	0.01	0.21	0.00	0.13	1.00	1.00	1.00
7	9	6	0.00	0.19	0.01	0.49	1.00	1.00	1.00
7	9	7	0.00	0.02	0.04	0.76	1.00	1.00	1.00
7	9	8	0.00	0.00	0.23	0.90	1.00	1.00	1.00
7	9	9	0.00	0.00	0.45	0.98	1.00	1.00	1.00
7	9	10	0.00	0.00	0.62	1.00	1.00	1.00	1.00
7	9	11	0.00	0.02	0.72	0.90	1.00	1.00	1.00
7	9	12	0.01	0.14	0.77	0.92	1.00	1.00	1.00
7	9	13	0.06	0.79	0.78	0.57	1.00	1.00	1.00
7	9	14	0.10	0.48	0.74	0.63	1.00	1.00	1.00
7	9	15	0.13	0.24	0.66	0.35	1.00	1.00	1.00
7	9	16	0.16	0.14	0.52	0.36	1.00	1.00	1.00
7	9	17	0.23	0.11	0.34	0.27	1.00	1.00	1.00

7	9	18	0.28	0.21	0.12	0.09	1.00	1.00	1.00
7	9	19	0.48	0.40	0.01	0.00	1.00	1.00	1.00
7	9	20	0.64	0.34	0.00	0.00	1.00	1.00	1.00
7	9	21	0.64	0.08	0.00	0.00	1.00	1.00	1.00
7	9	22	0.49	0.08	0.00	0.00	1.00	1.00	1.00
7	9	23	0.26	0.04	0.00	0.00	1.00	1.00	1.00
7	9	24	0.17	0.01	0.00	0.00	1.00	1.00	1.00
7	10	1	0.16	0.06	0.00	0.00	1.00	1.00	1.00
7	10	2	0.12	0.07	0.00	0.00	1.00	1.00	1.00
7	10	3	0.08	0.05	0.00	0.00	1.00	1.00	1.00
7	10	4	0.08	0.02	0.00	0.00	1.00	1.00	1.00
7	10	5	0.03	0.04	0.00	0.10	1.00	1.00	1.00
7	10	6	0.02	0.01	0.00	0.45	1.00	1.00	1.00
7	10	7	0.00	0.00	0.03	0.76	1.00	1.00	1.00
7	10	8	0.00	0.04	0.12	0.90	1.00	1.00	1.00
7	10	9	0.00	0.02	0.23	0.98	1.00	1.00	1.00
7	10	10	0.00	0.00	0.36	0.98	1.00	1.00	1.00
7	10	11	0.00	0.00	0.44	0.88	1.00	1.00	1.00
7	10	12	0.00	0.03	0.44	0.76	1.00	1.00	1.00
7	10	13	0.06	0.17	0.43	0.57	1.00	1.00	1.00
7	10	14	0.22	0.20	0.36	0.50	1.00	1.00	1.00
7	10	15	0.22	0.15	0.28	0.44	1.00	1.00	1.00
7	10	16	0.30	0.37	0.21	0.25	1.00	1.00	1.00
7	10	17	0.53	0.44	0.17	0.25	1.00	1.00	1.00
7	10	18	0.55	0.17	0.06	0.06	1.00	1.00	1.00
7	10	19	0.42	0.23	0.01	0.00	1.00	1.00	1.00
7	10	20	0.63	0.64	0.00	0.00	1.00	1.00	1.00
7	10	21	0.56	0.40	0.00	0.00	1.00	1.00	1.00
7	10	22	0.43	0.19	0.00	0.00	1.00	1.00	1.00
7	10	23	0.46	0.08	0.00	0.00	1.00	1.00	1.00
7	10	24	0.36	0.10	0.00	0.00	1.00	1.00	1.00
7	11	1	0.54	0.09	0.00	0.00	1.00	1.00	1.00
7	11	2	0.63	0.04	0.00	0.00	1.00	1.00	1.00
7	11	3	0.54	0.02	0.00	0.00	1.00	1.00	1.00
7	11	4	0.28	0.01	0.00	0.00	1.00	1.00	1.00
7	11	5	0.28	0.00	0.00	0.05	1.00	1.00	1.00
7	11	6	0.13	0.00	0.00	0.21	1.00	1.00	1.00
7	11	7	0.02	0.00	0.04	0.53	1.00	1.00	1.00
7	11	8	0.07	0.00	0.22	0.75	1.00	1.00	1.00
7	11	9	0.02	0.00	0.42	0.86	1.00	1.00	1.00
7	11	10	0.03	0.04	0.57	0.91	1.00	1.00	1.00
7	11	11	0.10	0.07	0.68	0.81	1.00	1.00	1.00
7	11	12	0.06	0.10	0.74	0.64	1.00	1.00	1.00
7	11	13	0.06	0.12	0.77	0.63	1.00	1.00	1.00
7	11	14	0.14	0.20	0.73	0.45	1.00	1.00	1.00
7	11	15	0.43	0.32	0.67	0.18	1.00	1.00	1.00
7	11	16	0.50	0.27	0.56	0.15	1.00	1.00	1.00
7	11	17	0.82	0.30	0.37	0.07	1.00	1.00	1.00
7	11	18	0.67	0.27	0.14	0.02	1.00	1.00	1.00

7	11	19	0.57	0.19	0.01	0.00	1.00	1.00	1.00
7	11	20	0.80	0.17	0.00	0.00	1.00	1.00	1.00
7	11	21	0.57	0.20	0.00	0.00	1.00	1.00	1.00
7	11	22	0.39	0.20	0.00	0.00	1.00	1.00	1.00
7	11	23	0.45	0.15	0.00	0.00	1.00	1.00	1.00
7	11	24	0.38	0.09	0.00	0.00	1.00	1.00	1.00
7	12	1	0.30	0.03	0.00	0.00	1.00	1.00	1.00
7	12	2	0.25	0.05	0.00	0.00	1.00	1.00	1.00
7	12	3	0.22	0.07	0.00	0.00	1.00	1.00	1.00
7	12	4	0.20	0.12	0.00	0.00	1.00	1.00	1.00
7	12	5	0.14	0.17	0.00	0.08	1.00	1.00	1.00
7	12	6	0.09	0.16	0.00	0.28	1.00	1.00	1.00
7	12	7	0.05	0.17	0.03	0.47	1.00	1.00	1.00
7	12	8	0.02	0.16	0.24	0.58	1.00	1.00	1.00
7	12	9	0.00	0.13	0.47	0.58	1.00	1.00	1.00
7	12	10	0.00	0.06	0.64	0.61	1.00	1.00	1.00
7	12	11	0.00	0.04	0.74	0.57	1.00	1.00	1.00
7	12	12	0.00	0.03	0.80	0.48	1.00	1.00	1.00
7	12	13	0.00	0.11	0.80	0.54	1.00	1.00	1.00
7	12	14	0.02	0.15	0.77	0.51	1.00	1.00	1.00
7	12	15	0.10	0.02	0.70	0.44	1.00	1.00	1.00
7	12	16	0.22	0.02	0.57	0.34	1.00	1.00	1.00
7	12	17	0.29	0.06	0.38	0.23	1.00	1.00	1.00
7	12	18	0.36	0.12	0.15	0.06	1.00	1.00	1.00
7	12	19	0.44	0.05	0.01	0.00	1.00	1.00	1.00
7	12	20	0.47	0.03	0.00	0.00	1.00	1.00	1.00
7	12	21	0.51	0.11	0.00	0.00	1.00	1.00	1.00
7	12	22	0.47	0.01	0.00	0.00	1.00	1.00	1.00
7	12	23	0.40	0.00	0.00	0.00	1.00	1.00	1.00
7	12	24	0.40	0.00	0.00	0.00	1.00	1.00	1.00
7	13	1	0.36	0.06	0.00	0.00	1.00	1.00	1.00
7	13	2	0.33	0.04	0.00	0.00	1.00	1.00	1.00
7	13	3	0.25	0.02	0.00	0.00	1.00	1.00	1.00
7	13	4	0.19	0.00	0.00	0.00	1.00	1.00	1.00
7	13	5	0.14	0.00	0.00	0.08	1.00	1.00	1.00
7	13	6	0.05	0.00	0.00	0.40	1.00	1.00	1.00
7	13	7	0.00	0.00	0.03	0.54	1.00	1.00	1.00
7	13	8	0.00	0.00	0.24	0.66	1.00	1.00	1.00
7	13	9	0.00	0.00	0.46	0.80	1.00	1.00	1.00
7	13	10	0.00	0.01	0.63	0.83	1.00	1.00	1.00
7	13	11	0.00	0.01	0.72	0.90	1.00	1.00	1.00
7	13	12	0.00	0.00	0.79	0.79	1.00	1.00	1.00
7	13	13	0.00	0.00	0.78	0.68	1.00	1.00	1.00
7	13	14	0.00	0.00	0.73	0.80	1.00	1.00	1.00
7	13	15	0.01	0.02	0.66	0.77	1.00	1.00	1.00
7	13	16	0.12	0.10	0.54	0.64	1.00	1.00	1.00
7	13	17	0.22	0.23	0.37	0.37	1.00	1.00	1.00
7	13	18	0.29	0.10	0.14	0.10	1.00	1.00	1.00
7	13	19	0.48	0.30	0.01	0.00	1.00	1.00	1.00

7	13	20	0.65	0.07	0.00	0.00	1.00	1.00	1.00
7	13	21	0.73	0.00	0.00	0.00	1.00	1.00	1.00
7	13	22	0.54	0.03	0.00	0.00	1.00	1.00	1.00
7	13	23	0.40	0.01	0.00	0.00	1.00	1.00	1.00
7	13	24	0.33	0.00	0.00	0.00	1.00	1.00	1.00
7	14	1	0.28	0.00	0.00	0.00	1.00	1.00	1.00
7	14	2	0.22	0.00	0.00	0.00	1.00	1.00	1.00
7	14	3	0.14	0.00	0.00	0.00	1.00	1.00	1.00
7	14	4	0.08	0.00	0.00	0.00	1.00	1.00	1.00
7	14	5	0.03	0.00	0.00	0.12	1.00	1.00	1.00
7	14	6	0.00	0.00	0.00	0.46	1.00	1.00	1.00
7	14	7	0.00	0.00	0.03	0.68	1.00	1.00	1.00
7	14	8	0.00	0.00	0.19	0.90	1.00	1.00	1.00
7	14	9	0.00	0.00	0.40	0.99	1.00	1.00	1.00
7	14	10	0.00	0.00	0.56	1.00	1.00	1.00	1.00
7	14	11	0.00	0.00	0.67	0.97	1.00	1.00	1.00
7	14	12	0.00	0.00	0.73	0.85	1.00	1.00	1.00
7	14	13	0.00	0.04	0.71	0.79	1.00	1.00	1.00
7	14	14	0.00	0.01	0.69	0.68	1.00	1.00	1.00
7	14	15	0.02	0.02	0.59	0.72	1.00	1.00	1.00
7	14	16	0.09	0.00	0.47	0.70	1.00	1.00	1.00
7	14	17	0.17	0.02	0.34	0.52	1.00	1.00	1.00
7	14	18	0.24	0.01	0.13	0.11	1.00	1.00	1.00
7	14	19	0.40	0.01	0.01	0.00	1.00	1.00	1.00
7	14	20	0.45	0.00	0.00	0.00	1.00	1.00	1.00
7	14	21	0.47	0.00	0.00	0.00	1.00	1.00	1.00
7	14	22	0.43	0.04	0.00	0.00	1.00	1.00	1.00
7	14	23	0.40	0.14	0.00	0.00	1.00	1.00	1.00
7	14	24	0.37	0.16	0.00	0.00	1.00	1.00	1.00
7	15	1	0.36	0.14	0.00	0.00	1.00	1.00	1.00
7	15	2	0.32	0.10	0.00	0.00	1.00	1.00	1.00
7	15	3	0.28	0.04	0.00	0.00	1.00	1.00	1.00
7	15	4	0.25	0.03	0.00	0.00	1.00	1.00	1.00
7	15	5	0.19	0.04	0.00	0.14	1.00	1.00	1.00
7	15	6	0.14	0.03	0.00	0.56	1.00	1.00	1.00
7	15	7	0.05	0.02	0.03	0.80	1.00	1.00	1.00
7	15	8	0.02	0.01	0.20	0.94	1.00	1.00	1.00
7	15	9	0.00	0.00	0.39	1.00	1.00	1.00	1.00
7	15	10	0.00	0.00	0.56	0.94	1.00	1.00	1.00
7	15	11	0.00	0.00	0.67	0.87	1.00	1.00	1.00
7	15	12	0.00	0.05	0.73	0.74	1.00	1.00	1.00
7	15	13	0.03	0.07	0.78	0.54	1.00	1.00	1.00
7	15	14	0.23	0.10	0.75	0.60	1.00	1.00	1.00
7	15	15	0.44	0.03	0.70	0.60	1.00	1.00	1.00
7	15	16	0.55	0.01	0.57	0.35	1.00	1.00	1.00
7	15	17	0.57	0.05	0.38	0.22	1.00	1.00	1.00
7	15	18	0.78	0.05	0.14	0.11	1.00	1.00	1.00
7	15	19	0.72	0.10	0.01	0.00	1.00	1.00	1.00
7	15	20	0.71	0.07	0.00	0.00	1.00	1.00	1.00

7	15	21	0.53	0.09	0.00	0.00	1.00	1.00	1.00
7	15	22	0.42	0.23	0.00	0.00	1.00	1.00	1.00
7	15	23	0.36	0.16	0.00	0.00	1.00	1.00	1.00
7	15	24	0.36	0.05	0.00	0.00	1.00	1.00	1.00
7	16	1	0.32	0.00	0.00	0.00	1.00	1.00	1.00
7	16	2	0.29	0.00	0.00	0.00	1.00	1.00	1.00
7	16	3	0.27	0.00	0.00	0.00	1.00	1.00	1.00
7	16	4	0.28	0.00	0.00	0.00	1.00	1.00	1.00
7	16	5	0.21	0.00	0.00	0.13	1.00	1.00	1.00
7	16	6	0.13	0.01	0.00	0.54	1.00	1.00	1.00
7	16	7	0.06	0.01	0.03	0.77	1.00	1.00	1.00
7	16	8	0.04	0.03	0.23	0.93	1.00	1.00	1.00
7	16	9	0.02	0.01	0.46	0.94	1.00	1.00	1.00
7	16	10	0.01	0.00	0.62	0.96	1.00	1.00	1.00
7	16	11	0.03	0.00	0.73	0.96	1.00	1.00	1.00
7	16	12	0.07	0.00	0.79	0.96	1.00	1.00	1.00
7	16	13	0.10	0.00	0.80	0.93	1.00	1.00	1.00
7	16	14	0.18	0.01	0.77	0.93	1.00	1.00	1.00
7	16	15	0.49	0.01	0.70	0.88	1.00	1.00	1.00
7	16	16	0.52	0.03	0.58	0.74	1.00	1.00	1.00
7	16	17	0.71	0.05	0.38	0.59	1.00	1.00	1.00
7	16	18	0.78	0.09	0.15	0.17	1.00	1.00	1.00
7	16	19	0.77	0.25	0.01	0.00	1.00	1.00	1.00
7	16	20	0.56	0.40	0.00	0.00	1.00	1.00	1.00
7	16	21	0.47	0.57	0.00	0.00	1.00	1.00	1.00
7	16	22	0.47	0.62	0.00	0.00	1.00	1.00	1.00
7	16	23	0.51	0.51	0.00	0.00	1.00	1.00	1.00
7	16	24	0.52	0.41	0.00	0.00	1.00	1.00	1.00
7	17	1	0.46	0.25	0.00	0.00	1.00	1.00	1.00
7	17	2	0.35	0.17	0.00	0.00	1.00	1.00	1.00
7	17	3	0.35	0.24	0.00	0.00	1.00	1.00	1.00
7	17	4	0.30	0.38	0.00	0.00	1.00	1.00	1.00
7	17	5	0.25	0.39	0.00	0.09	1.00	1.00	1.00
7	17	6	0.15	0.20	0.00	0.48	1.00	1.00	1.00
7	17	7	0.02	0.09	0.03	0.73	1.00	1.00	1.00
7	17	8	0.01	0.08	0.23	0.92	1.00	1.00	1.00
7	17	9	0.01	0.06	0.45	0.99	1.00	1.00	1.00
7	17	10	0.04	0.02	0.63	0.97	1.00	1.00	1.00
7	17	11	0.08	0.01	0.73	1.00	1.00	1.00	1.00
7	17	12	0.12	0.02	0.79	0.94	1.00	1.00	1.00
7	17	13	0.19	0.04	0.79	0.95	1.00	1.00	1.00
7	17	14	0.31	0.06	0.76	0.93	1.00	1.00	1.00
7	17	15	0.37	0.09	0.69	0.80	1.00	1.00	1.00
7	17	16	0.40	0.14	0.56	0.64	1.00	1.00	1.00
7	17	17	0.48	0.28	0.37	0.44	1.00	1.00	1.00
7	17	18	0.64	0.43	0.14	0.07	1.00	1.00	1.00
7	17	19	0.65	0.37	0.01	0.00	1.00	1.00	1.00
7	17	20	0.67	0.31	0.00	0.00	1.00	1.00	1.00
7	17	21	0.65	0.46	0.00	0.00	1.00	1.00	1.00

7	17	22	0.58	0.38	0.00	0.00	1.00	1.00	1.00
7	17	23	0.54	0.35	0.00	0.00	1.00	1.00	1.00
7	17	24	0.53	0.43	0.00	0.00	1.00	1.00	1.00
7	18	1	0.52	0.36	0.00	0.00	1.00	1.00	1.00
7	18	2	0.44	0.30	0.00	0.00	1.00	1.00	1.00
7	18	3	0.42	0.28	0.00	0.00	1.00	1.00	1.00
7	18	4	0.39	0.29	0.00	0.00	1.00	1.00	1.00
7	18	5	0.36	0.21	0.00	0.11	1.00	1.00	1.00
7	18	6	0.25	0.09	0.00	0.52	1.00	1.00	1.00
7	18	7	0.21	0.06	0.03	0.79	1.00	1.00	1.00
7	18	8	0.21	0.05	0.22	0.94	1.00	1.00	1.00
7	18	9	0.27	0.08	0.43	1.00	1.00	1.00	1.00
7	18	10	0.33	0.08	0.58	1.00	1.00	1.00	1.00
7	18	11	0.35	0.08	0.67	1.00	1.00	1.00	1.00
7	18	12	0.46	0.09	0.74	0.97	1.00	1.00	1.00
7	18	13	0.54	0.11	0.75	0.87	1.00	1.00	1.00
7	18	14	0.55	0.16	0.74	0.71	1.00	1.00	1.00
7	18	15	0.60	0.33	0.68	0.73	1.00	1.00	1.00
7	18	16	0.68	0.28	0.56	0.67	1.00	1.00	1.00
7	18	17	0.76	0.49	0.38	0.49	1.00	1.00	1.00
7	18	18	0.85	0.46	0.15	0.17	1.00	1.00	1.00
7	18	19	0.84	0.26	0.01	0.00	1.00	1.00	1.00
7	18	20	0.81	0.27	0.00	0.00	1.00	1.00	1.00
7	18	21	0.66	0.26	0.00	0.00	1.00	1.00	1.00
7	18	22	0.50	0.31	0.00	0.00	1.00	1.00	1.00
7	18	23	0.47	0.22	0.00	0.00	1.00	1.00	1.00
7	18	24	0.50	0.28	0.00	0.00	1.00	1.00	1.00
7	19	1	0.48	0.19	0.00	0.00	1.00	1.00	1.00
7	19	2	0.43	0.06	0.00	0.00	1.00	1.00	1.00
7	19	3	0.50	0.01	0.00	0.00	1.00	1.00	1.00
7	19	4	0.46	0.00	0.00	0.00	1.00	1.00	1.00
7	19	5	0.40	0.00	0.00	0.12	1.00	1.00	1.00
7	19	6	0.35	0.00	0.00	0.51	1.00	1.00	1.00
7	19	7	0.30	0.00	0.03	0.76	1.00	1.00	1.00
7	19	8	0.22	0.00	0.24	0.94	1.00	1.00	1.00
7	19	9	0.13	0.00	0.47	1.00	1.00	1.00	1.00
7	19	10	0.16	0.00	0.64	1.00	1.00	1.00	1.00
7	19	11	0.21	0.01	0.74	1.00	1.00	1.00	1.00
7	19	12	0.21	0.03	0.80	0.91	1.00	1.00	1.00
7	19	13	0.35	0.05	0.81	0.88	1.00	1.00	1.00
7	19	14	0.41	0.10	0.79	0.86	1.00	1.00	1.00
7	19	15	0.48	0.13	0.71	0.84	1.00	1.00	1.00
7	19	16	0.57	0.17	0.58	0.82	1.00	1.00	1.00
7	19	17	0.71	0.22	0.39	0.58	1.00	1.00	1.00
7	19	18	0.76	0.24	0.15	0.18	1.00	1.00	1.00
7	19	19	0.70	0.21	0.01	0.00	1.00	1.00	1.00
7	19	20	0.68	0.25	0.00	0.00	1.00	1.00	1.00
7	19	21	0.63	0.30	0.00	0.00	1.00	1.00	1.00
7	19	22	0.52	0.39	0.00	0.00	1.00	1.00	1.00

7	19	23	0.43	0.41	0.00	0.00	1.00	1.00	1.00
7	19	24	0.41	0.36	0.00	0.00	1.00	1.00	1.00
7	20	1	0.34	0.24	0.00	0.00	1.00	1.00	1.00
7	20	2	0.27	0.12	0.00	0.00	1.00	1.00	1.00
7	20	3	0.26	0.04	0.00	0.00	1.00	1.00	1.00
7	20	4	0.29	0.01	0.00	0.00	1.00	1.00	1.00
7	20	5	0.19	0.00	0.00	0.08	1.00	1.00	1.00
7	20	6	0.11	0.00	0.00	0.40	1.00	1.00	1.00
7	20	7	0.03	0.00	0.03	0.65	1.00	1.00	1.00
7	20	8	0.02	0.00	0.23	0.73	1.00	1.00	1.00
7	20	9	0.06	0.01	0.47	0.83	1.00	1.00	1.00
7	20	10	0.13	0.03	0.64	0.92	1.00	1.00	1.00
7	20	11	0.18	0.05	0.75	0.91	1.00	1.00	1.00
7	20	12	0.28	0.05	0.80	0.85	1.00	1.00	1.00
7	20	13	0.36	0.06	0.81	0.94	1.00	1.00	1.00
7	20	14	0.40	0.07	0.78	0.86	1.00	1.00	1.00
7	20	15	0.43	0.07	0.68	0.75	1.00	1.00	1.00
7	20	16	0.54	0.07	0.57	0.59	1.00	1.00	1.00
7	20	17	0.64	0.09	0.37	0.34	1.00	1.00	1.00
7	20	18	0.67	0.12	0.14	0.08	1.00	1.00	1.00
7	20	19	0.64	0.16	0.01	0.00	1.00	1.00	1.00
7	20	20	0.64	0.20	0.00	0.00	1.00	1.00	1.00
7	20	21	0.63	0.19	0.00	0.00	1.00	1.00	1.00
7	20	22	0.58	0.18	0.00	0.00	1.00	1.00	1.00
7	20	23	0.44	0.21	0.00	0.00	1.00	1.00	1.00
7	20	24	0.41	0.19	0.00	0.00	1.00	1.00	1.00
7	21	1	0.39	0.15	0.00	0.00	1.00	1.00	1.00
7	21	2	0.31	0.12	0.00	0.00	1.00	1.00	1.00
7	21	3	0.23	0.07	0.00	0.00	1.00	1.00	1.00
7	21	4	0.19	0.03	0.00	0.00	1.00	1.00	1.00
7	21	5	0.12	0.00	0.00	0.07	1.00	1.00	1.00
7	21	6	0.05	0.00	0.00	0.36	1.00	1.00	1.00
7	21	7	0.01	0.00	0.03	0.52	1.00	1.00	1.00
7	21	8	0.07	0.00	0.23	0.69	1.00	1.00	1.00
7	21	9	0.09	0.00	0.46	0.74	1.00	1.00	1.00
7	21	10	0.07	0.03	0.64	0.67	1.00	1.00	1.00
7	21	11	0.06	0.05	0.73	0.51	1.00	1.00	1.00
7	21	12	0.09	0.07	0.78	0.52	1.00	1.00	1.00
7	21	13	0.16	0.13	0.79	0.34	1.00	1.00	1.00
7	21	14	0.16	0.06	0.75	0.18	1.00	1.00	1.00
7	21	15	0.20	0.07	0.69	0.26	1.00	1.00	1.00
7	21	16	0.28	0.08	0.56	0.16	1.00	1.00	1.00
7	21	17	0.27	0.09	0.37	0.10	1.00	1.00	1.00
7	21	18	0.31	0.12	0.15	0.01	1.00	1.00	1.00
7	21	19	0.48	0.17	0.01	0.00	1.00	1.00	1.00
7	21	20	0.62	0.19	0.00	0.00	1.00	1.00	1.00
7	21	21	0.59	0.11	0.00	0.00	1.00	1.00	1.00
7	21	22	0.54	0.05	0.00	0.00	1.00	1.00	1.00
7	21	23	0.53	0.04	0.00	0.00	1.00	1.00	1.00

7	21	24	0.49	0.04	0.00	0.00	1.00	1.00	1.00
7	22	1	0.47	0.06	0.00	0.00	1.00	1.00	1.00
7	22	2	0.43	0.03	0.00	0.00	1.00	1.00	1.00
7	22	3	0.36	0.01	0.00	0.00	1.00	1.00	1.00
7	22	4	0.33	0.01	0.00	0.00	1.00	1.00	1.00
7	22	5	0.34	0.00	0.00	0.04	1.00	1.00	1.00
7	22	6	0.17	0.00	0.00	0.18	1.00	1.00	1.00
7	22	7	0.10	0.00	0.02	0.29	1.00	1.00	1.00
7	22	8	0.08	0.00	0.18	0.38	1.00	1.00	1.00
7	22	9	0.07	0.00	0.34	0.53	1.00	1.00	1.00
7	22	10	0.02	0.00	0.52	0.37	1.00	1.00	1.00
7	22	11	0.00	0.00	0.60	0.53	1.00	1.00	1.00
7	22	12	0.01	0.01	0.64	0.46	1.00	1.00	1.00
7	22	13	0.06	0.03	0.69	0.62	1.00	1.00	1.00
7	22	14	0.21	0.04	0.68	0.61	1.00	1.00	1.00
7	22	15	0.36	0.05	0.56	0.56	1.00	1.00	1.00
7	22	16	0.40	0.06	0.45	0.57	1.00	1.00	1.00
7	22	17	0.60	0.09	0.27	0.33	1.00	1.00	1.00
7	22	18	0.51	0.10	0.10	0.16	1.00	1.00	1.00
7	22	19	0.46	0.14	0.01	0.00	1.00	1.00	1.00
7	22	20	0.34	0.17	0.00	0.00	1.00	1.00	1.00
7	22	21	0.40	0.21	0.00	0.00	1.00	1.00	1.00
7	22	22	0.33	0.18	0.00	0.00	1.00	1.00	1.00
7	22	23	0.32	0.19	0.00	0.00	1.00	1.00	1.00
7	22	24	0.34	0.18	0.00	0.00	1.00	1.00	1.00
7	23	1	0.41	0.16	0.00	0.00	1.00	1.00	1.00
7	23	2	0.41	0.09	0.00	0.00	1.00	1.00	1.00
7	23	3	0.29	0.04	0.00	0.00	1.00	1.00	1.00
7	23	4	0.28	0.01	0.00	0.00	1.00	1.00	1.00
7	23	5	0.36	0.00	0.00	0.13	1.00	1.00	1.00
7	23	6	0.28	0.00	0.00	0.54	1.00	1.00	1.00
7	23	7	0.17	0.00	0.02	0.78	1.00	1.00	1.00
7	23	8	0.07	0.00	0.14	0.87	1.00	1.00	1.00
7	23	9	0.02	0.00	0.31	0.91	1.00	1.00	1.00
7	23	10	0.00	0.00	0.48	0.96	1.00	1.00	1.00
7	23	11	0.00	0.00	0.56	1.00	1.00	1.00	1.00
7	23	12	0.06	0.01	0.60	0.92	1.00	1.00	1.00
7	23	13	0.05	0.03	0.60	0.94	1.00	1.00	1.00
7	23	14	0.12	0.05	0.54	0.95	1.00	1.00	1.00
7	23	15	0.25	0.07	0.47	0.91	1.00	1.00	1.00
7	23	16	0.36	0.09	0.38	0.80	1.00	1.00	1.00
7	23	17	0.36	0.09	0.26	0.52	1.00	1.00	1.00
7	23	18	0.40	0.11	0.11	0.19	1.00	1.00	1.00
7	23	19	0.55	0.19	0.01	0.00	1.00	1.00	1.00
7	23	20	0.54	0.24	0.00	0.00	1.00	1.00	1.00
7	23	21	0.51	0.24	0.00	0.00	1.00	1.00	1.00
7	23	22	0.50	0.33	0.00	0.00	1.00	1.00	1.00
7	23	23	0.47	0.46	0.00	0.00	1.00	1.00	1.00
7	23	24	0.46	0.34	0.00	0.00	1.00	1.00	1.00

7	24	1	0.36	0.20	0.00	0.00	1.00	1.00	1.00
7	24	2	0.26	0.13	0.00	0.00	1.00	1.00	1.00
7	24	3	0.19	0.25	0.00	0.00	1.00	1.00	1.00
7	24	4	0.13	0.32	0.00	0.00	1.00	1.00	1.00
7	24	5	0.06	0.31	0.00	0.08	1.00	1.00	1.00
7	24	6	0.05	0.20	0.00	0.31	1.00	1.00	1.00
7	24	7	0.10	0.08	0.03	0.55	1.00	1.00	1.00
7	24	8	0.12	0.02	0.22	0.81	1.00	1.00	1.00
7	24	9	0.09	0.00	0.43	0.79	1.00	1.00	1.00
7	24	10	0.05	0.00	0.59	0.66	1.00	1.00	1.00
7	24	11	0.01	0.00	0.67	0.63	1.00	1.00	1.00
7	24	12	0.04	0.00	0.69	0.59	1.00	1.00	1.00
7	24	13	0.09	0.03	0.70	0.68	1.00	1.00	1.00
7	24	14	0.19	0.06	0.67	0.65	1.00	1.00	1.00
7	24	15	0.28	0.08	0.59	0.58	1.00	1.00	1.00
7	24	16	0.29	0.08	0.50	0.54	1.00	1.00	1.00
7	24	17	0.50	0.07	0.32	0.45	1.00	1.00	1.00
7	24	18	0.64	0.06	0.13	0.21	1.00	1.00	1.00
7	24	19	0.51	0.04	0.01	0.00	1.00	1.00	1.00
7	24	20	0.50	0.03	0.00	0.00	1.00	1.00	1.00
7	24	21	0.72	0.04	0.00	0.00	1.00	1.00	1.00
7	24	22	0.58	0.07	0.00	0.00	1.00	1.00	1.00
7	24	23	0.35	0.10	0.00	0.00	1.00	1.00	1.00
7	24	24	0.31	0.16	0.00	0.00	1.00	1.00	1.00
7	25	1	0.29	0.13	0.00	0.00	1.00	1.00	1.00
7	25	2	0.19	0.05	0.00	0.00	1.00	1.00	1.00
7	25	3	0.12	0.01	0.00	0.00	1.00	1.00	1.00
7	25	4	0.08	0.01	0.00	0.00	1.00	1.00	1.00
7	25	5	0.03	0.01	0.00	0.06	1.00	1.00	1.00
7	25	6	0.01	0.00	0.00	0.36	1.00	1.00	1.00
7	25	7	0.03	0.00	0.03	0.69	1.00	1.00	1.00
7	25	8	0.05	0.00	0.23	0.85	1.00	1.00	1.00
7	25	9	0.02	0.00	0.46	0.95	1.00	1.00	1.00
7	25	10	0.00	0.00	0.61	0.90	1.00	1.00	1.00
7	25	11	0.00	0.00	0.68	0.85	1.00	1.00	1.00
7	25	12	0.04	0.00	0.74	0.84	1.00	1.00	1.00
7	25	13	0.17	0.02	0.73	0.87	1.00	1.00	1.00
7	25	14	0.44	0.04	0.70	0.96	1.00	1.00	1.00
7	25	15	0.25	0.04	0.61	0.87	1.00	1.00	1.00
7	25	16	0.18	0.07	0.48	0.73	1.00	1.00	1.00
7	25	17	0.39	0.11	0.31	0.52	1.00	1.00	1.00
7	25	18	0.49	0.14	0.13	0.18	1.00	1.00	1.00
7	25	19	0.50	0.20	0.01	0.00	1.00	1.00	1.00
7	25	20	0.41	0.30	0.00	0.00	1.00	1.00	1.00
7	25	21	0.43	0.43	0.00	0.00	1.00	1.00	1.00
7	25	22	0.50	0.51	0.00	0.00	1.00	1.00	1.00
7	25	23	0.43	0.41	0.00	0.00	1.00	1.00	1.00
7	25	24	0.34	0.32	0.00	0.00	1.00	1.00	1.00
7	26	1	0.25	0.27	0.00	0.00	1.00	1.00	1.00

7	26	2	0.19	0.24	0.00	0.00	1.00	1.00	1.00
7	26	3	0.16	0.30	0.00	0.00	1.00	1.00	1.00
7	26	4	0.14	0.33	0.00	0.00	1.00	1.00	1.00
7	26	5	0.04	0.36	0.00	0.07	1.00	1.00	1.00
7	26	6	0.01	0.23	0.00	0.38	1.00	1.00	1.00
7	26	7	0.00	0.18	0.03	0.60	1.00	1.00	1.00
7	26	8	0.00	0.08	0.22	0.73	1.00	1.00	1.00
7	26	9	0.00	0.02	0.46	0.92	1.00	1.00	1.00
7	26	10	0.00	0.00	0.63	0.99	1.00	1.00	1.00
7	26	11	0.00	0.00	0.73	0.78	1.00	1.00	1.00
7	26	12	0.00	0.00	0.77	0.68	1.00	1.00	1.00
7	26	13	0.00	0.03	0.75	0.75	1.00	1.00	1.00
7	26	14	0.07	0.19	0.71	0.71	1.00	1.00	1.00
7	26	15	0.23	0.25	0.61	0.63	1.00	1.00	1.00
7	26	16	0.24	0.11	0.51	0.40	1.00	1.00	1.00
7	26	17	0.25	0.09	0.32	0.30	1.00	1.00	1.00
7	26	18	0.28	0.20	0.12	0.11	1.00	1.00	1.00
7	26	19	0.40	0.17	0.01	0.00	1.00	1.00	1.00
7	26	20	0.46	0.22	0.00	0.00	1.00	1.00	1.00
7	26	21	0.43	0.24	0.00	0.00	1.00	1.00	1.00
7	26	22	0.40	0.20	0.00	0.00	1.00	1.00	1.00
7	26	23	0.36	0.09	0.00	0.00	1.00	1.00	1.00
7	26	24	0.31	0.02	0.00	0.00	1.00	1.00	1.00
7	27	1	0.27	0.01	0.00	0.00	1.00	1.00	1.00
7	27	2	0.23	0.04	0.00	0.00	1.00	1.00	1.00
7	27	3	0.24	0.02	0.00	0.00	1.00	1.00	1.00
7	27	4	0.18	0.00	0.00	0.00	1.00	1.00	1.00
7	27	5	0.09	0.00	0.00	0.02	1.00	1.00	1.00
7	27	6	0.03	0.00	0.00	0.13	1.00	1.00	1.00
7	27	7	0.00	0.00	0.02	0.32	1.00	1.00	1.00
7	27	8	0.00	0.00	0.19	0.55	1.00	1.00	1.00
7	27	9	0.00	0.00	0.41	0.62	1.00	1.00	1.00
7	27	10	0.00	0.00	0.57	0.68	1.00	1.00	1.00
7	27	11	0.00	0.00	0.68	0.68	1.00	1.00	1.00
7	27	12	0.00	0.00	0.77	0.54	1.00	1.00	1.00
7	27	13	0.00	0.06	0.77	0.67	1.00	1.00	1.00
7	27	14	0.01	0.13	0.74	0.68	1.00	1.00	1.00
7	27	15	0.09	0.05	0.66	0.56	1.00	1.00	1.00
7	27	16	0.19	0.01	0.51	0.63	1.00	1.00	1.00
7	27	17	0.28	0.00	0.33	0.44	1.00	1.00	1.00
7	27	18	0.48	0.05	0.13	0.13	1.00	1.00	1.00
7	27	19	0.58	0.08	0.01	0.00	1.00	1.00	1.00
7	27	20	0.58	0.07	0.00	0.00	1.00	1.00	1.00
7	27	21	0.53	0.05	0.00	0.00	1.00	1.00	1.00
7	27	22	0.52	0.15	0.00	0.00	1.00	1.00	1.00
7	27	23	0.47	0.14	0.00	0.00	1.00	1.00	1.00
7	27	24	0.45	0.06	0.00	0.00	1.00	1.00	1.00
7	28	1	0.42	0.01	0.00	0.00	1.00	1.00	1.00
7	28	2	0.35	0.00	0.00	0.00	1.00	1.00	1.00

7	28	3	0.36	0.00	0.00	0.00	1.00	1.00	1.00
7	28	4	0.35	0.00	0.00	0.00	1.00	1.00	1.00
7	28	5	0.34	0.00	0.00	0.12	1.00	1.00	1.00
7	28	6	0.27	0.00	0.00	0.53	1.00	1.00	1.00
7	28	7	0.15	0.00	0.02	0.77	1.00	1.00	1.00
7	28	8	0.06	0.00	0.20	0.94	1.00	1.00	1.00
7	28	9	0.01	0.00	0.43	1.00	1.00	1.00	1.00
7	28	10	0.00	0.00	0.59	1.00	1.00	1.00	1.00
7	28	11	0.00	0.00	0.70	0.87	1.00	1.00	1.00
7	28	12	0.00	0.02	0.76	0.87	1.00	1.00	1.00
7	28	13	0.00	0.02	0.77	0.75	1.00	1.00	1.00
7	28	14	0.04	0.03	0.73	0.71	1.00	1.00	1.00
7	28	15	0.14	0.15	0.67	0.65	1.00	1.00	1.00
7	28	16	0.25	0.27	0.55	0.50	1.00	1.00	1.00
7	28	17	0.33	0.18	0.37	0.21	1.00	1.00	1.00
7	28	18	0.48	0.10	0.14	0.05	1.00	1.00	1.00
7	28	19	0.50	0.04	0.01	0.00	1.00	1.00	1.00
7	28	20	0.48	0.04	0.00	0.00	1.00	1.00	1.00
7	28	21	0.49	0.05	0.00	0.00	1.00	1.00	1.00
7	28	22	0.51	0.06	0.00	0.00	1.00	1.00	1.00
7	28	23	0.53	0.04	0.00	0.00	1.00	1.00	1.00
7	28	24	0.55	0.00	0.00	0.00	1.00	1.00	1.00
7	29	1	0.47	0.00	0.00	0.00	1.00	1.00	1.00
7	29	2	0.42	0.00	0.00	0.00	1.00	1.00	1.00
7	29	3	0.41	0.00	0.00	0.00	1.00	1.00	1.00
7	29	4	0.40	0.00	0.00	0.00	1.00	1.00	1.00
7	29	5	0.35	0.00	0.00	0.09	1.00	1.00	1.00
7	29	6	0.27	0.00	0.00	0.38	1.00	1.00	1.00
7	29	7	0.13	0.00	0.03	0.63	1.00	1.00	1.00
7	29	8	0.07	0.00	0.19	0.88	1.00	1.00	1.00
7	29	9	0.04	0.00	0.40	0.95	1.00	1.00	1.00
7	29	10	0.00	0.01	0.53	0.93	1.00	1.00	1.00
7	29	11	0.00	0.02	0.65	0.76	1.00	1.00	1.00
7	29	12	0.00	0.02	0.70	0.78	1.00	1.00	1.00
7	29	13	0.00	0.02	0.75	0.63	1.00	1.00	1.00
7	29	14	0.08	0.05	0.73	0.52	1.00	1.00	1.00
7	29	15	0.26	0.12	0.68	0.44	1.00	1.00	1.00
7	29	16	0.49	0.26	0.55	0.37	1.00	1.00	1.00
7	29	17	0.44	0.24	0.37	0.27	1.00	1.00	1.00
7	29	18	0.38	0.19	0.14	0.10	1.00	1.00	1.00
7	29	19	0.47	0.24	0.01	0.00	1.00	1.00	1.00
7	29	20	0.51	0.20	0.00	0.00	1.00	1.00	1.00
7	29	21	0.56	0.08	0.00	0.00	1.00	1.00	1.00
7	29	22	0.54	0.01	0.00	0.00	1.00	1.00	1.00
7	29	23	0.52	0.00	0.00	0.00	1.00	1.00	1.00
7	29	24	0.54	0.00	0.00	0.00	1.00	1.00	1.00
7	30	1	0.46	0.00	0.00	0.00	1.00	1.00	1.00
7	30	2	0.35	0.00	0.00	0.00	1.00	1.00	1.00
7	30	3	0.31	0.00	0.00	0.00	1.00	1.00	1.00

7	30	4	0.24	0.00	0.00	0.00	1.00	1.00	1.00
7	30	5	0.19	0.00	0.00	0.07	1.00	1.00	1.00
7	30	6	0.11	0.00	0.00	0.35	1.00	1.00	1.00
7	30	7	0.01	0.00	0.02	0.67	1.00	1.00	1.00
7	30	8	0.00	0.00	0.22	0.85	1.00	1.00	1.00
7	30	9	0.00	0.00	0.43	0.86	1.00	1.00	1.00
7	30	10	0.00	0.01	0.57	0.62	1.00	1.00	1.00
7	30	11	0.00	0.02	0.68	0.63	1.00	1.00	1.00
7	30	12	0.02	0.02	0.74	0.58	1.00	1.00	1.00
7	30	13	0.07	0.02	0.76	0.40	1.00	1.00	1.00
7	30	14	0.38	0.04	0.73	0.31	1.00	1.00	1.00
7	30	15	0.49	0.07	0.63	0.49	1.00	1.00	1.00
7	30	16	0.35	0.12	0.50	0.41	1.00	1.00	1.00
7	30	17	0.47	0.14	0.32	0.28	1.00	1.00	1.00
7	30	18	0.58	0.14	0.12	0.07	1.00	1.00	1.00
7	30	19	0.80	0.14	0.01	0.00	1.00	1.00	1.00
7	30	20	0.73	0.13	0.00	0.00	1.00	1.00	1.00
7	30	21	0.62	0.12	0.00	0.00	1.00	1.00	1.00
7	30	22	0.48	0.11	0.00	0.00	1.00	1.00	1.00
7	30	23	0.38	0.06	0.00	0.00	1.00	1.00	1.00
7	30	24	0.28	0.02	0.00	0.00	1.00	1.00	1.00
7	31	1	0.13	0.01	0.00	0.00	1.00	1.00	1.00
7	31	2	0.01	0.00	0.00	0.00	1.00	1.00	1.00
7	31	3	0.00	0.00	0.00	0.00	1.00	1.00	1.00
7	31	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
7	31	5	0.00	0.00	0.00	0.10	1.00	1.00	1.00
7	31	6	0.00	0.00	0.00	0.39	1.00	1.00	1.00
7	31	7	0.00	0.00	0.02	0.52	1.00	1.00	1.00
7	31	8	0.00	0.00	0.15	0.66	1.00	1.00	1.00
7	31	9	0.00	0.00	0.33	0.75	1.00	1.00	1.00
7	31	10	0.00	0.00	0.51	0.84	1.00	1.00	1.00
7	31	11	0.00	0.00	0.60	0.81	1.00	1.00	1.00
7	31	12	0.00	0.00	0.67	0.87	1.00	1.00	1.00
7	31	13	0.05	0.01	0.69	0.91	1.00	1.00	1.00
7	31	14	0.11	0.03	0.69	0.59	1.00	1.00	1.00
7	31	15	0.06	0.07	0.59	0.41	1.00	1.00	1.00
7	31	16	0.11	0.13	0.48	0.39	1.00	1.00	1.00
7	31	17	0.31	0.06	0.32	0.19	1.00	1.00	1.00
7	31	18	0.34	0.09	0.12	0.07	1.00	1.00	1.00
7	31	19	0.36	0.11	0.01	0.00	1.00	1.00	1.00
7	31	20	0.40	0.11	0.00	0.00	1.00	1.00	1.00
7	31	21	0.46	0.04	0.00	0.00	1.00	1.00	1.00
7	31	22	0.40	0.01	0.00	0.00	1.00	1.00	1.00
7	31	23	0.34	0.00	0.00	0.00	1.00	1.00	1.00
7	31	24	0.28	0.00	0.00	0.00	1.00	1.00	1.00
8	1	1	0.22	0.00	0.00	0.00	1.00	1.00	1.00
8	1	2	0.17	0.00	0.00	0.00	1.00	1.00	1.00
8	1	3	0.06	0.00	0.00	0.00	1.00	1.00	1.00
8	1	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00

8	1	5	0.00	0.00	0.00	0.04	1.00	1.00	1.00
8	1	6	0.00	0.00	0.00	0.25	1.00	1.00	1.00
8	1	7	0.00	0.00	0.02	0.48	1.00	1.00	1.00
8	1	8	0.00	0.00	0.11	0.73	1.00	1.00	1.00
8	1	9	0.00	0.00	0.26	0.83	1.00	1.00	1.00
8	1	10	0.00	0.00	0.37	0.85	1.00	1.00	1.00
8	1	11	0.00	0.02	0.44	0.63	1.00	1.00	1.00
8	1	12	0.00	0.04	0.51	0.68	1.00	1.00	1.00
8	1	13	0.00	0.04	0.67	0.53	1.00	1.00	1.00
8	1	14	0.06	0.05	0.67	0.29	1.00	1.00	1.00
8	1	15	0.05	0.18	0.60	0.26	1.00	1.00	1.00
8	1	16	0.01	0.24	0.50	0.26	1.00	1.00	1.00
8	1	17	0.07	0.06	0.34	0.16	1.00	1.00	1.00
8	1	18	0.21	0.22	0.12	0.07	1.00	1.00	1.00
8	1	19	0.28	0.07	0.00	0.00	1.00	1.00	1.00
8	1	20	0.36	0.03	0.00	0.00	1.00	1.00	1.00
8	1	21	0.41	0.07	0.00	0.00	1.00	1.00	1.00
8	1	22	0.37	0.03	0.00	0.00	1.00	1.00	1.00
8	1	23	0.28	0.00	0.00	0.00	1.00	1.00	1.00
8	1	24	0.19	0.00	0.00	0.00	1.00	1.00	1.00
8	2	1	0.12	0.01	0.00	0.00	1.00	1.00	1.00
8	2	2	0.05	0.03	0.00	0.00	1.00	1.00	1.00
8	2	3	0.02	0.00	0.00	0.00	1.00	1.00	1.00
8	2	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
8	2	5	0.00	0.05	0.00	0.03	1.00	1.00	1.00
8	2	6	0.00	0.03	0.00	0.19	1.00	1.00	1.00
8	2	7	0.00	0.08	0.02	0.28	1.00	1.00	1.00
8	2	8	0.00	0.08	0.22	0.36	1.00	1.00	1.00
8	2	9	0.00	0.11	0.45	0.47	1.00	1.00	1.00
8	2	10	0.00	0.12	0.61	0.61	1.00	1.00	1.00
8	2	11	0.01	0.13	0.69	0.66	1.00	1.00	1.00
8	2	12	0.05	0.09	0.73	0.59	1.00	1.00	1.00
8	2	13	0.09	0.07	0.74	0.44	1.00	1.00	1.00
8	2	14	0.13	0.07	0.71	0.53	1.00	1.00	1.00
8	2	15	0.22	0.10	0.65	0.58	1.00	1.00	1.00
8	2	16	0.39	0.23	0.55	0.56	1.00	1.00	1.00
8	2	17	0.46	0.23	0.36	0.28	1.00	1.00	1.00
8	2	18	0.46	0.28	0.13	0.07	1.00	1.00	1.00
8	2	19	0.53	0.05	0.00	0.00	1.00	1.00	1.00
8	2	20	0.53	0.01	0.00	0.00	1.00	1.00	1.00
8	2	21	0.47	0.01	0.00	0.00	1.00	1.00	1.00
8	2	22	0.43	0.00	0.00	0.00	1.00	1.00	1.00
8	2	23	0.41	0.00	0.00	0.00	1.00	1.00	1.00
8	2	24	0.36	0.00	0.00	0.00	1.00	1.00	1.00
8	3	1	0.33	0.00	0.00	0.00	1.00	1.00	1.00
8	3	2	0.30	0.00	0.00	0.00	1.00	1.00	1.00
8	3	3	0.31	0.00	0.00	0.00	1.00	1.00	1.00
8	3	4	0.27	0.00	0.00	0.00	1.00	1.00	1.00
8	3	5	0.24	0.00	0.00	0.01	1.00	1.00	1.00

8	3	6	0.21	0.01	0.00	0.13	1.00	1.00	1.00
8	3	7	0.14	0.02	0.02	0.23	1.00	1.00	1.00
8	3	8	0.03	0.02	0.22	0.31	1.00	1.00	1.00
8	3	9	0.00	0.01	0.45	0.41	1.00	1.00	1.00
8	3	10	0.00	0.03	0.63	0.42	1.00	1.00	1.00
8	3	11	0.00	0.05	0.73	0.62	1.00	1.00	1.00
8	3	12	0.00	0.07	0.77	0.53	1.00	1.00	1.00
8	3	13	0.00	0.10	0.79	0.64	1.00	1.00	1.00
8	3	14	0.01	0.13	0.75	0.54	1.00	1.00	1.00
8	3	15	0.12	0.22	0.67	0.51	1.00	1.00	1.00
8	3	16	0.31	0.20	0.55	0.71	1.00	1.00	1.00
8	3	17	0.31	0.16	0.36	0.45	1.00	1.00	1.00
8	3	18	0.30	0.16	0.13	0.16	1.00	1.00	1.00
8	3	19	0.40	0.14	0.00	0.00	1.00	1.00	1.00
8	3	20	0.66	0.11	0.00	0.00	1.00	1.00	1.00
8	3	21	0.59	0.12	0.00	0.00	1.00	1.00	1.00
8	3	22	0.46	0.15	0.00	0.00	1.00	1.00	1.00
8	3	23	0.39	0.17	0.00	0.00	1.00	1.00	1.00
8	3	24	0.36	0.12	0.00	0.00	1.00	1.00	1.00
8	4	1	0.33	0.08	0.00	0.00	1.00	1.00	1.00
8	4	2	0.33	0.11	0.00	0.00	1.00	1.00	1.00
8	4	3	0.31	0.14	0.00	0.00	1.00	1.00	1.00
8	4	4	0.31	0.23	0.00	0.00	1.00	1.00	1.00
8	4	5	0.30	0.27	0.00	0.06	1.00	1.00	1.00
8	4	6	0.29	0.20	0.00	0.38	1.00	1.00	1.00
8	4	7	0.27	0.13	0.03	0.64	1.00	1.00	1.00
8	4	8	0.25	0.08	0.22	0.84	1.00	1.00	1.00
8	4	9	0.23	0.04	0.45	0.87	1.00	1.00	1.00
8	4	10	0.18	0.03	0.63	0.89	1.00	1.00	1.00
8	4	11	0.10	0.04	0.73	0.84	1.00	1.00	1.00
8	4	12	0.05	0.04	0.78	0.81	1.00	1.00	1.00
8	4	13	0.09	0.04	0.79	0.70	1.00	1.00	1.00
8	4	14	0.17	0.06	0.76	0.64	1.00	1.00	1.00
8	4	15	0.28	0.10	0.68	0.78	1.00	1.00	1.00
8	4	16	0.36	0.15	0.54	0.77	1.00	1.00	1.00
8	4	17	0.45	0.14	0.34	0.50	1.00	1.00	1.00
8	4	18	0.48	0.13	0.12	0.14	1.00	1.00	1.00
8	4	19	0.56	0.14	0.00	0.00	1.00	1.00	1.00
8	4	20	0.53	0.16	0.00	0.00	1.00	1.00	1.00
8	4	21	0.55	0.22	0.00	0.00	1.00	1.00	1.00
8	4	22	0.56	0.22	0.00	0.00	1.00	1.00	1.00
8	4	23	0.52	0.20	0.00	0.00	1.00	1.00	1.00
8	4	24	0.46	0.28	0.00	0.00	1.00	1.00	1.00
8	5	1	0.44	0.41	0.00	0.00	1.00	1.00	1.00
8	5	2	0.46	0.50	0.00	0.00	1.00	1.00	1.00
8	5	3	0.47	0.61	0.00	0.00	1.00	1.00	1.00
8	5	4	0.41	0.68	0.00	0.00	1.00	1.00	1.00
8	5	5	0.41	0.65	0.00	0.08	1.00	1.00	1.00
8	5	6	0.37	0.56	0.00	0.46	1.00	1.00	1.00

8	5	7	0.33	0.35	0.02	0.76	1.00	1.00	1.00
8	5	8	0.41	0.21	0.22	0.92	1.00	1.00	1.00
8	5	9	0.51	0.15	0.45	0.98	1.00	1.00	1.00
8	5	10	0.60	0.08	0.62	0.93	1.00	1.00	1.00
8	5	11	0.65	0.04	0.73	0.97	1.00	1.00	1.00
8	5	12	0.71	0.05	0.78	0.90	1.00	1.00	1.00
8	5	13	0.77	0.06	0.81	0.70	1.00	1.00	1.00
8	5	14	0.83	0.07	0.78	0.46	1.00	1.00	1.00
8	5	15	0.85	0.08	0.70	0.56	1.00	1.00	1.00
8	5	16	0.87	0.09	0.55	0.41	1.00	1.00	1.00
8	5	17	0.90	0.13	0.35	0.29	1.00	1.00	1.00
8	5	18	0.90	0.15	0.12	0.08	1.00	1.00	1.00
8	5	19	0.89	0.18	0.00	0.00	1.00	1.00	1.00
8	5	20	0.84	0.24	0.00	0.00	1.00	1.00	1.00
8	5	21	0.77	0.32	0.00	0.00	1.00	1.00	1.00
8	5	22	0.71	0.35	0.00	0.00	1.00	1.00	1.00
8	5	23	0.70	0.26	0.00	0.00	1.00	1.00	1.00
8	5	24	0.76	0.30	0.00	0.00	1.00	1.00	1.00
8	6	1	0.75	0.41	0.00	0.00	1.00	1.00	1.00
8	6	2	0.61	0.51	0.00	0.00	1.00	1.00	1.00
8	6	3	0.62	0.49	0.00	0.00	1.00	1.00	1.00
8	6	4	0.61	0.48	0.00	0.00	1.00	1.00	1.00
8	6	5	0.56	0.50	0.00	0.09	1.00	1.00	1.00
8	6	6	0.41	0.47	0.00	0.49	1.00	1.00	1.00
8	6	7	0.36	0.39	0.02	0.77	1.00	1.00	1.00
8	6	8	0.43	0.33	0.22	0.92	1.00	1.00	1.00
8	6	9	0.51	0.24	0.44	0.93	1.00	1.00	1.00
8	6	10	0.62	0.16	0.61	0.84	1.00	1.00	1.00
8	6	11	0.70	0.13	0.72	0.90	1.00	1.00	1.00
8	6	12	0.79	0.12	0.81	0.87	1.00	1.00	1.00
8	6	13	0.85	0.14	0.84	0.70	1.00	1.00	1.00
8	6	14	0.88	0.15	0.80	0.53	1.00	1.00	1.00
8	6	15	0.90	0.25	0.73	0.38	1.00	1.00	1.00
8	6	16	0.94	0.17	0.60	0.23	1.00	1.00	1.00
8	6	17	0.97	0.22	0.38	0.15	1.00	1.00	1.00
8	6	18	0.97	0.29	0.13	0.03	1.00	1.00	1.00
8	6	19	0.92	0.33	0.00	0.00	1.00	1.00	1.00
8	6	20	0.89	0.43	0.00	0.00	1.00	1.00	1.00
8	6	21	0.82	0.42	0.00	0.00	1.00	1.00	1.00
8	6	22	0.70	0.35	0.00	0.00	1.00	1.00	1.00
8	6	23	0.63	0.39	0.00	0.00	1.00	1.00	1.00
8	6	24	0.65	0.50	0.00	0.00	1.00	1.00	1.00
8	7	1	0.63	0.48	0.00	0.00	1.00	1.00	1.00
8	7	2	0.59	0.38	0.00	0.00	1.00	1.00	1.00
8	7	3	0.52	0.29	0.00	0.00	1.00	1.00	1.00
8	7	4	0.51	0.36	0.00	0.00	1.00	1.00	1.00
8	7	5	0.45	0.44	0.00	0.06	1.00	1.00	1.00
8	7	6	0.37	0.30	0.00	0.35	1.00	1.00	1.00
8	7	7	0.29	0.21	0.02	0.62	1.00	1.00	1.00

8	7	8	0.31	0.20	0.24	0.85	1.00	1.00	1.00
8	7	9	0.34	0.18	0.48	0.95	1.00	1.00	1.00
8	7	10	0.37	0.17	0.65	1.00	1.00	1.00	1.00
8	7	11	0.46	0.16	0.77	0.95	1.00	1.00	1.00
8	7	12	0.54	0.15	0.83	0.91	1.00	1.00	1.00
8	7	13	0.57	0.18	0.84	0.76	1.00	1.00	1.00
8	7	14	0.58	0.21	0.80	0.80	1.00	1.00	1.00
8	7	15	0.61	0.22	0.73	0.81	1.00	1.00	1.00
8	7	16	0.63	0.27	0.59	0.65	1.00	1.00	1.00
8	7	17	0.67	0.34	0.38	0.38	1.00	1.00	1.00
8	7	18	0.74	0.36	0.14	0.09	1.00	1.00	1.00
8	7	19	0.74	0.24	0.00	0.00	1.00	1.00	1.00
8	7	20	0.70	0.23	0.00	0.00	1.00	1.00	1.00
8	7	21	0.62	0.18	0.00	0.00	1.00	1.00	1.00
8	7	22	0.57	0.18	0.00	0.00	1.00	1.00	1.00
8	7	23	0.52	0.20	0.00	0.00	1.00	1.00	1.00
8	7	24	0.45	0.25	0.00	0.00	1.00	1.00	1.00
8	8	1	0.39	0.27	0.00	0.00	1.00	1.00	1.00
8	8	2	0.36	0.28	0.00	0.00	1.00	1.00	1.00
8	8	3	0.36	0.30	0.00	0.00	1.00	1.00	1.00
8	8	4	0.31	0.37	0.00	0.00	1.00	1.00	1.00
8	8	5	0.23	0.46	0.00	0.07	1.00	1.00	1.00
8	8	6	0.13	0.42	0.00	0.47	1.00	1.00	1.00
8	8	7	0.04	0.28	0.02	0.76	1.00	1.00	1.00
8	8	8	0.02	0.25	0.24	0.91	1.00	1.00	1.00
8	8	9	0.03	0.20	0.47	1.00	1.00	1.00	1.00
8	8	10	0.04	0.12	0.66	1.00	1.00	1.00	1.00
8	8	11	0.02	0.07	0.77	1.00	1.00	1.00	1.00
8	8	12	0.01	0.05	0.82	1.00	1.00	1.00	1.00
8	8	13	0.04	0.04	0.83	0.93	1.00	1.00	1.00
8	8	14	0.08	0.03	0.80	0.83	1.00	1.00	1.00
8	8	15	0.10	0.03	0.73	0.82	1.00	1.00	1.00
8	8	16	0.16	0.02	0.59	0.57	1.00	1.00	1.00
8	8	17	0.27	0.01	0.38	0.40	1.00	1.00	1.00
8	8	18	0.35	0.03	0.13	0.13	1.00	1.00	1.00
8	8	19	0.50	0.06	0.00	0.00	1.00	1.00	1.00
8	8	20	0.69	0.10	0.00	0.00	1.00	1.00	1.00
8	8	21	0.62	0.13	0.00	0.00	1.00	1.00	1.00
8	8	22	0.47	0.15	0.00	0.00	1.00	1.00	1.00
8	8	23	0.42	0.08	0.00	0.00	1.00	1.00	1.00
8	8	24	0.38	0.06	0.00	0.00	1.00	1.00	1.00
8	9	1	0.34	0.08	0.00	0.00	1.00	1.00	1.00
8	9	2	0.30	0.09	0.00	0.00	1.00	1.00	1.00
8	9	3	0.26	0.12	0.00	0.00	1.00	1.00	1.00
8	9	4	0.20	0.15	0.00	0.00	1.00	1.00	1.00
8	9	5	0.13	0.13	0.00	0.06	1.00	1.00	1.00
8	9	6	0.08	0.08	0.00	0.44	1.00	1.00	1.00
8	9	7	0.01	0.00	0.02	0.73	1.00	1.00	1.00
8	9	8	0.01	0.00	0.23	0.90	1.00	1.00	1.00

8	9	9	0.07	0.00	0.47	0.95	1.00	1.00	1.00
8	9	10	0.17	0.00	0.65	0.91	1.00	1.00	1.00
8	9	11	0.19	0.00	0.76	0.84	1.00	1.00	1.00
8	9	12	0.27	0.00	0.82	0.48	1.00	1.00	1.00
8	9	13	0.33	0.00	0.83	0.53	1.00	1.00	1.00
8	9	14	0.34	0.04	0.79	0.33	1.00	1.00	1.00
8	9	15	0.38	0.16	0.71	0.32	1.00	1.00	1.00
8	9	16	0.49	0.28	0.58	0.30	1.00	1.00	1.00
8	9	17	0.57	0.22	0.37	0.14	1.00	1.00	1.00
8	9	18	0.70	0.03	0.12	0.03	1.00	1.00	1.00
8	9	19	0.82	0.04	0.00	0.00	1.00	1.00	1.00
8	9	20	0.82	0.06	0.00	0.00	1.00	1.00	1.00
8	9	21	0.77	0.08	0.00	0.00	1.00	1.00	1.00
8	9	22	0.68	0.12	0.00	0.00	1.00	1.00	1.00
8	9	23	0.63	0.08	0.00	0.00	1.00	1.00	1.00
8	9	24	0.53	0.02	0.00	0.00	1.00	1.00	1.00
8	10	1	0.45	0.00	0.00	0.00	1.00	1.00	1.00
8	10	2	0.33	0.00	0.00	0.00	1.00	1.00	1.00
8	10	3	0.28	0.00	0.00	0.00	1.00	1.00	1.00
8	10	4	0.23	0.00	0.00	0.00	1.00	1.00	1.00
8	10	5	0.13	0.00	0.00	0.06	1.00	1.00	1.00
8	10	6	0.07	0.00	0.00	0.42	1.00	1.00	1.00
8	10	7	0.02	0.00	0.02	0.71	1.00	1.00	1.00
8	10	8	0.04	0.00	0.23	0.91	1.00	1.00	1.00
8	10	9	0.15	0.00	0.47	1.00	1.00	1.00	1.00
8	10	10	0.25	0.00	0.65	1.00	1.00	1.00	1.00
8	10	11	0.25	0.00	0.76	0.94	1.00	1.00	1.00
8	10	12	0.27	0.00	0.81	0.92	1.00	1.00	1.00
8	10	13	0.28	0.01	0.82	0.97	1.00	1.00	1.00
8	10	14	0.29	0.03	0.79	0.85	1.00	1.00	1.00
8	10	15	0.27	0.03	0.71	0.74	1.00	1.00	1.00
8	10	16	0.29	0.04	0.57	0.67	1.00	1.00	1.00
8	10	17	0.34	0.07	0.37	0.50	1.00	1.00	1.00
8	10	18	0.47	0.11	0.12	0.13	1.00	1.00	1.00
8	10	19	0.64	0.14	0.00	0.00	1.00	1.00	1.00
8	10	20	0.71	0.17	0.00	0.00	1.00	1.00	1.00
8	10	21	0.62	0.19	0.00	0.00	1.00	1.00	1.00
8	10	22	0.53	0.21	0.00	0.00	1.00	1.00	1.00
8	10	23	0.41	0.16	0.00	0.00	1.00	1.00	1.00
8	10	24	0.36	0.05	0.00	0.00	1.00	1.00	1.00
8	11	1	0.27	0.01	0.00	0.00	1.00	1.00	1.00
8	11	2	0.18	0.01	0.00	0.00	1.00	1.00	1.00
8	11	3	0.09	0.03	0.00	0.00	1.00	1.00	1.00
8	11	4	0.02	0.06	0.00	0.00	1.00	1.00	1.00
8	11	5	0.00	0.10	0.00	0.06	1.00	1.00	1.00
8	11	6	0.00	0.09	0.00	0.46	1.00	1.00	1.00
8	11	7	0.00	0.03	0.02	0.75	1.00	1.00	1.00
8	11	8	0.02	0.04	0.23	0.90	1.00	1.00	1.00
8	11	9	0.07	0.03	0.46	0.98	1.00	1.00	1.00

8	11	10	0.15	0.00	0.64	0.97	1.00	1.00	1.00
8	11	11	0.22	0.00	0.75	0.92	1.00	1.00	1.00
8	11	12	0.34	0.00	0.81	0.92	1.00	1.00	1.00
8	11	13	0.41	0.00	0.82	0.91	1.00	1.00	1.00
8	11	14	0.45	0.00	0.78	0.88	1.00	1.00	1.00
8	11	15	0.54	0.01	0.68	0.89	1.00	1.00	1.00
8	11	16	0.59	0.02	0.56	0.76	1.00	1.00	1.00
8	11	17	0.63	0.08	0.36	0.53	1.00	1.00	1.00
8	11	18	0.69	0.16	0.12	0.13	1.00	1.00	1.00
8	11	19	0.72	0.19	0.00	0.00	1.00	1.00	1.00
8	11	20	0.78	0.31	0.00	0.00	1.00	1.00	1.00
8	11	21	0.75	0.49	0.00	0.00	1.00	1.00	1.00
8	11	22	0.62	0.56	0.00	0.00	1.00	1.00	1.00
8	11	23	0.51	0.50	0.00	0.00	1.00	1.00	1.00
8	11	24	0.34	0.35	0.00	0.00	1.00	1.00	1.00
8	12	1	0.25	0.26	0.00	0.00	1.00	1.00	1.00
8	12	2	0.21	0.16	0.00	0.00	1.00	1.00	1.00
8	12	3	0.16	0.10	0.00	0.00	1.00	1.00	1.00
8	12	4	0.06	0.08	0.00	0.00	1.00	1.00	1.00
8	12	5	0.02	0.12	0.00	0.05	1.00	1.00	1.00
8	12	6	0.01	0.10	0.00	0.45	1.00	1.00	1.00
8	12	7	0.00	0.03	0.02	0.74	1.00	1.00	1.00
8	12	8	0.00	0.02	0.23	0.90	1.00	1.00	1.00
8	12	9	0.03	0.01	0.47	0.98	1.00	1.00	1.00
8	12	10	0.10	0.02	0.65	1.00	1.00	1.00	1.00
8	12	11	0.12	0.04	0.75	0.99	1.00	1.00	1.00
8	12	12	0.17	0.05	0.81	0.93	1.00	1.00	1.00
8	12	13	0.28	0.05	0.82	0.90	1.00	1.00	1.00
8	12	14	0.39	0.06	0.78	0.92	1.00	1.00	1.00
8	12	15	0.46	0.09	0.71	0.85	1.00	1.00	1.00
8	12	16	0.49	0.12	0.57	0.77	1.00	1.00	1.00
8	12	17	0.53	0.17	0.37	0.49	1.00	1.00	1.00
8	12	18	0.65	0.24	0.12	0.10	1.00	1.00	1.00
8	12	19	0.67	0.29	0.00	0.00	1.00	1.00	1.00
8	12	20	0.63	0.32	0.00	0.00	1.00	1.00	1.00
8	12	21	0.60	0.36	0.00	0.00	1.00	1.00	1.00
8	12	22	0.51	0.39	0.00	0.00	1.00	1.00	1.00
8	12	23	0.43	0.44	0.00	0.00	1.00	1.00	1.00
8	12	24	0.32	0.46	0.00	0.00	1.00	1.00	1.00
8	13	1	0.27	0.40	0.00	0.00	1.00	1.00	1.00
8	13	2	0.25	0.32	0.00	0.00	1.00	1.00	1.00
8	13	3	0.19	0.28	0.00	0.00	1.00	1.00	1.00
8	13	4	0.12	0.16	0.00	0.00	1.00	1.00	1.00
8	13	5	0.07	0.10	0.00	0.05	1.00	1.00	1.00
8	13	6	0.01	0.07	0.00	0.43	1.00	1.00	1.00
8	13	7	0.00	0.01	0.02	0.74	1.00	1.00	1.00
8	13	8	0.00	0.01	0.22	0.90	1.00	1.00	1.00
8	13	9	0.00	0.01	0.45	0.99	1.00	1.00	1.00
8	13	10	0.01	0.01	0.63	1.00	1.00	1.00	1.00

8	13	11	0.06	0.01	0.73	1.00	1.00	1.00	1.00
8	13	12	0.09	0.02	0.79	1.00	1.00	1.00	1.00
8	13	13	0.14	0.03	0.79	0.94	1.00	1.00	1.00
8	13	14	0.19	0.04	0.77	0.90	1.00	1.00	1.00
8	13	15	0.19	0.05	0.69	0.82	1.00	1.00	1.00
8	13	16	0.20	0.08	0.54	0.78	1.00	1.00	1.00
8	13	17	0.27	0.13	0.35	0.52	1.00	1.00	1.00
8	13	18	0.48	0.21	0.11	0.11	1.00	1.00	1.00
8	13	19	0.53	0.28	0.00	0.00	1.00	1.00	1.00
8	13	20	0.50	0.32	0.00	0.00	1.00	1.00	1.00
8	13	21	0.66	0.31	0.00	0.00	1.00	1.00	1.00
8	13	22	0.56	0.32	0.00	0.00	1.00	1.00	1.00
8	13	23	0.40	0.26	0.00	0.00	1.00	1.00	1.00
8	13	24	0.31	0.23	0.00	0.00	1.00	1.00	1.00
8	14	1	0.29	0.17	0.00	0.00	1.00	1.00	1.00
8	14	2	0.27	0.12	0.00	0.00	1.00	1.00	1.00
8	14	3	0.25	0.09	0.00	0.00	1.00	1.00	1.00
8	14	4	0.17	0.05	0.00	0.00	1.00	1.00	1.00
8	14	5	0.14	0.04	0.00	0.04	1.00	1.00	1.00
8	14	6	0.08	0.03	0.00	0.43	1.00	1.00	1.00
8	14	7	0.01	0.00	0.02	0.72	1.00	1.00	1.00
8	14	8	0.00	0.00	0.18	0.86	1.00	1.00	1.00
8	14	9	0.01	0.00	0.38	0.97	1.00	1.00	1.00
8	14	10	0.00	0.01	0.53	0.97	1.00	1.00	1.00
8	14	11	0.00	0.01	0.60	1.00	1.00	1.00	1.00
8	14	12	0.00	0.02	0.62	0.95	1.00	1.00	1.00
8	14	13	0.01	0.03	0.67	0.96	1.00	1.00	1.00
8	14	14	0.19	0.04	0.65	0.97	1.00	1.00	1.00
8	14	15	0.13	0.06	0.61	0.91	1.00	1.00	1.00
8	14	16	0.14	0.08	0.51	0.75	1.00	1.00	1.00
8	14	17	0.22	0.11	0.33	0.42	1.00	1.00	1.00
8	14	18	0.25	0.17	0.10	0.08	1.00	1.00	1.00
8	14	19	0.31	0.26	0.00	0.00	1.00	1.00	1.00
8	14	20	0.47	0.34	0.00	0.00	1.00	1.00	1.00
8	14	21	0.62	0.41	0.00	0.00	1.00	1.00	1.00
8	14	22	0.60	0.44	0.00	0.00	1.00	1.00	1.00
8	14	23	0.45	0.37	0.00	0.00	1.00	1.00	1.00
8	14	24	0.38	0.35	0.00	0.00	1.00	1.00	1.00
8	15	1	0.40	0.37	0.00	0.00	1.00	1.00	1.00
8	15	2	0.38	0.28	0.00	0.00	1.00	1.00	1.00
8	15	3	0.29	0.15	0.00	0.00	1.00	1.00	1.00
8	15	4	0.20	0.14	0.00	0.00	1.00	1.00	1.00
8	15	5	0.16	0.18	0.00	0.04	1.00	1.00	1.00
8	15	6	0.06	0.16	0.00	0.42	1.00	1.00	1.00
8	15	7	0.00	0.10	0.02	0.72	1.00	1.00	1.00
8	15	8	0.00	0.06	0.22	0.90	1.00	1.00	1.00
8	15	9	0.00	0.01	0.46	0.98	1.00	1.00	1.00
8	15	10	0.00	0.00	0.63	0.99	1.00	1.00	1.00
8	15	11	0.00	0.01	0.72	0.94	1.00	1.00	1.00

8	15	12	0.01	0.01	0.74	0.88	1.00	1.00	1.00
8	15	13	0.23	0.02	0.76	0.83	1.00	1.00	1.00
8	15	14	0.31	0.03	0.72	0.69	1.00	1.00	1.00
8	15	15	0.33	0.05	0.66	0.74	1.00	1.00	1.00
8	15	16	0.34	0.07	0.52	0.67	1.00	1.00	1.00
8	15	17	0.27	0.12	0.34	0.41	1.00	1.00	1.00
8	15	18	0.28	0.25	0.11	0.07	1.00	1.00	1.00
8	15	19	0.40	0.31	0.00	0.00	1.00	1.00	1.00
8	15	20	0.55	0.26	0.00	0.00	1.00	1.00	1.00
8	15	21	0.54	0.28	0.00	0.00	1.00	1.00	1.00
8	15	22	0.39	0.38	0.00	0.00	1.00	1.00	1.00
8	15	23	0.40	0.33	0.00	0.00	1.00	1.00	1.00
8	15	24	0.46	0.21	0.00	0.00	1.00	1.00	1.00
8	16	1	0.45	0.14	0.00	0.00	1.00	1.00	1.00
8	16	2	0.43	0.15	0.00	0.00	1.00	1.00	1.00
8	16	3	0.35	0.14	0.00	0.00	1.00	1.00	1.00
8	16	4	0.27	0.09	0.00	0.00	1.00	1.00	1.00
8	16	5	0.20	0.06	0.00	0.03	1.00	1.00	1.00
8	16	6	0.08	0.01	0.00	0.39	1.00	1.00	1.00
8	16	7	0.02	0.00	0.02	0.71	1.00	1.00	1.00
8	16	8	0.02	0.00	0.23	0.89	1.00	1.00	1.00
8	16	9	0.03	0.00	0.46	0.96	1.00	1.00	1.00
8	16	10	0.04	0.03	0.63	1.00	1.00	1.00	1.00
8	16	11	0.04	0.05	0.74	0.95	1.00	1.00	1.00
8	16	12	0.08	0.08	0.78	0.94	1.00	1.00	1.00
8	16	13	0.22	0.09	0.80	0.87	1.00	1.00	1.00
8	16	14	0.26	0.09	0.76	0.86	1.00	1.00	1.00
8	16	15	0.35	0.09	0.67	0.84	1.00	1.00	1.00
8	16	16	0.42	0.10	0.55	0.75	1.00	1.00	1.00
8	16	17	0.31	0.08	0.35	0.43	1.00	1.00	1.00
8	16	18	0.31	0.09	0.11	0.09	1.00	1.00	1.00
8	16	19	0.44	0.16	0.00	0.00	1.00	1.00	1.00
8	16	20	0.45	0.25	0.00	0.00	1.00	1.00	1.00
8	16	21	0.46	0.31	0.00	0.00	1.00	1.00	1.00
8	16	22	0.38	0.24	0.00	0.00	1.00	1.00	1.00
8	16	23	0.33	0.22	0.00	0.00	1.00	1.00	1.00
8	16	24	0.32	0.17	0.00	0.00	1.00	1.00	1.00
8	17	1	0.29	0.13	0.00	0.00	1.00	1.00	1.00
8	17	2	0.25	0.12	0.00	0.00	1.00	1.00	1.00
8	17	3	0.18	0.07	0.00	0.00	1.00	1.00	1.00
8	17	4	0.15	0.02	0.00	0.00	1.00	1.00	1.00
8	17	5	0.13	0.00	0.00	0.02	1.00	1.00	1.00
8	17	6	0.08	0.00	0.00	0.30	1.00	1.00	1.00
8	17	7	0.05	0.00	0.02	0.63	1.00	1.00	1.00
8	17	8	0.06	0.00	0.23	0.85	1.00	1.00	1.00
8	17	9	0.05	0.02	0.45	0.87	1.00	1.00	1.00
8	17	10	0.05	0.05	0.62	0.70	1.00	1.00	1.00
8	17	11	0.07	0.07	0.70	0.69	1.00	1.00	1.00
8	17	12	0.09	0.07	0.75	0.86	1.00	1.00	1.00

8	17	13	0.12	0.07	0.74	0.86	1.00	1.00	1.00
8	17	14	0.25	0.06	0.72	0.78	1.00	1.00	1.00
8	17	15	0.35	0.06	0.63	0.72	1.00	1.00	1.00
8	17	16	0.51	0.06	0.49	0.56	1.00	1.00	1.00
8	17	17	0.62	0.10	0.33	0.35	1.00	1.00	1.00
8	17	18	0.67	0.13	0.10	0.06	1.00	1.00	1.00
8	17	19	0.65	0.19	0.00	0.00	1.00	1.00	1.00
8	17	20	0.63	0.18	0.00	0.00	1.00	1.00	1.00
8	17	21	0.67	0.19	0.00	0.00	1.00	1.00	1.00
8	17	22	0.66	0.20	0.00	0.00	1.00	1.00	1.00
8	17	23	0.59	0.16	0.00	0.00	1.00	1.00	1.00
8	17	24	0.49	0.08	0.00	0.00	1.00	1.00	1.00
8	18	1	0.43	0.03	0.00	0.00	1.00	1.00	1.00
8	18	2	0.41	0.02	0.00	0.00	1.00	1.00	1.00
8	18	3	0.38	0.00	0.00	0.00	1.00	1.00	1.00
8	18	4	0.36	0.00	0.00	0.00	1.00	1.00	1.00
8	18	5	0.28	0.00	0.00	0.01	1.00	1.00	1.00
8	18	6	0.24	0.00	0.00	0.19	1.00	1.00	1.00
8	18	7	0.09	0.00	0.02	0.35	1.00	1.00	1.00
8	18	8	0.06	0.00	0.24	0.61	1.00	1.00	1.00
8	18	9	0.10	0.00	0.47	0.86	1.00	1.00	1.00
8	18	10	0.26	0.00	0.65	1.00	1.00	1.00	1.00
8	18	11	0.34	0.01	0.75	0.99	1.00	1.00	1.00
8	18	12	0.40	0.03	0.79	0.93	1.00	1.00	1.00
8	18	13	0.45	0.09	0.80	0.93	1.00	1.00	1.00
8	18	14	0.49	0.30	0.78	0.82	1.00	1.00	1.00
8	18	15	0.59	0.31	0.69	0.68	1.00	1.00	1.00
8	18	16	0.72	0.17	0.55	0.57	1.00	1.00	1.00
8	18	17	0.76	0.08	0.35	0.36	1.00	1.00	1.00
8	18	18	0.85	0.13	0.10	0.06	1.00	1.00	1.00
8	18	19	0.86	0.05	0.00	0.00	1.00	1.00	1.00
8	18	20	0.83	0.09	0.00	0.00	1.00	1.00	1.00
8	18	21	0.75	0.26	0.00	0.00	1.00	1.00	1.00
8	18	22	0.71	0.20	0.00	0.00	1.00	1.00	1.00
8	18	23	0.68	0.16	0.00	0.00	1.00	1.00	1.00
8	18	24	0.58	0.23	0.00	0.00	1.00	1.00	1.00
8	19	1	0.51	0.23	0.00	0.00	1.00	1.00	1.00
8	19	2	0.43	0.14	0.00	0.00	1.00	1.00	1.00
8	19	3	0.33	0.20	0.00	0.00	1.00	1.00	1.00
8	19	4	0.33	0.43	0.00	0.00	1.00	1.00	1.00
8	19	5	0.37	0.50	0.00	0.02	1.00	1.00	1.00
8	19	6	0.36	0.36	0.00	0.27	1.00	1.00	1.00
8	19	7	0.22	0.33	0.02	0.49	1.00	1.00	1.00
8	19	8	0.24	0.35	0.21	0.62	1.00	1.00	1.00
8	19	9	0.41	0.29	0.43	0.91	1.00	1.00	1.00
8	19	10	0.52	0.20	0.59	0.89	1.00	1.00	1.00
8	19	11	0.53	0.17	0.68	0.76	1.00	1.00	1.00
8	19	12	0.57	0.17	0.77	0.68	1.00	1.00	1.00
8	19	13	0.66	0.16	0.79	0.61	1.00	1.00	1.00

8	19	14	0.75	0.22	0.76	0.60	1.00	1.00	1.00
8	19	15	0.77	0.16	0.69	0.42	1.00	1.00	1.00
8	19	16	0.78	0.08	0.55	0.38	1.00	1.00	1.00
8	19	17	0.83	0.14	0.35	0.25	1.00	1.00	1.00
8	19	18	0.90	0.26	0.10	0.03	1.00	1.00	1.00
8	19	19	0.89	0.12	0.00	0.00	1.00	1.00	1.00
8	19	20	0.81	0.31	0.00	0.00	1.00	1.00	1.00
8	19	21	0.73	0.35	0.00	0.00	1.00	1.00	1.00
8	19	22	0.58	0.40	0.00	0.00	1.00	1.00	1.00
8	19	23	0.51	0.64	0.00	0.00	1.00	1.00	1.00
8	19	24	0.46	0.73	0.00	0.00	1.00	1.00	1.00
8	20	1	0.57	0.76	0.00	0.00	1.00	1.00	1.00
8	20	2	0.45	0.80	0.00	0.00	1.00	1.00	1.00
8	20	3	0.33	0.71	0.00	0.00	1.00	1.00	1.00
8	20	4	0.24	0.69	0.00	0.00	1.00	1.00	1.00
8	20	5	0.21	0.62	0.00	0.03	1.00	1.00	1.00
8	20	6	0.17	0.50	0.00	0.38	1.00	1.00	1.00
8	20	7	0.13	0.28	0.02	0.68	1.00	1.00	1.00
8	20	8	0.12	0.28	0.24	0.87	1.00	1.00	1.00
8	20	9	0.12	0.26	0.47	0.95	1.00	1.00	1.00
8	20	10	0.13	0.27	0.65	0.98	1.00	1.00	1.00
8	20	11	0.15	0.28	0.75	0.98	1.00	1.00	1.00
8	20	12	0.22	0.23	0.80	0.94	1.00	1.00	1.00
8	20	13	0.29	0.19	0.81	0.93	1.00	1.00	1.00
8	20	14	0.35	0.23	0.78	0.89	1.00	1.00	1.00
8	20	15	0.43	0.42	0.70	0.75	1.00	1.00	1.00
8	20	16	0.49	0.22	0.56	0.63	1.00	1.00	1.00
8	20	17	0.55	0.17	0.35	0.46	1.00	1.00	1.00
8	20	18	0.63	0.22	0.10	0.06	1.00	1.00	1.00
8	20	19	0.75	0.28	0.00	0.00	1.00	1.00	1.00
8	20	20	0.78	0.54	0.00	0.00	1.00	1.00	1.00
8	20	21	0.66	0.74	0.00	0.00	1.00	1.00	1.00
8	20	22	0.50	0.78	0.00	0.00	1.00	1.00	1.00
8	20	23	0.41	0.76	0.00	0.00	1.00	1.00	1.00
8	20	24	0.42	0.61	0.00	0.00	1.00	1.00	1.00
8	21	1	0.46	0.50	0.00	0.00	1.00	1.00	1.00
8	21	2	0.46	0.39	0.00	0.00	1.00	1.00	1.00
8	21	3	0.43	0.26	0.00	0.00	1.00	1.00	1.00
8	21	4	0.36	0.13	0.00	0.00	1.00	1.00	1.00
8	21	5	0.32	0.08	0.00	0.02	1.00	1.00	1.00
8	21	6	0.23	0.04	0.00	0.35	1.00	1.00	1.00
8	21	7	0.13	0.00	0.02	0.66	1.00	1.00	1.00
8	21	8	0.05	0.00	0.24	0.85	1.00	1.00	1.00
8	21	9	0.05	0.00	0.47	0.92	1.00	1.00	1.00
8	21	10	0.06	0.00	0.64	0.98	1.00	1.00	1.00
8	21	11	0.03	0.02	0.75	0.98	1.00	1.00	1.00
8	21	12	0.00	0.05	0.80	0.98	1.00	1.00	1.00
8	21	13	0.00	0.07	0.80	0.92	1.00	1.00	1.00
8	21	14	0.03	0.12	0.77	0.93	1.00	1.00	1.00

8	21	15	0.10	0.27	0.69	0.80	1.00	1.00	1.00
8	21	16	0.20	0.26	0.55	0.69	1.00	1.00	1.00
8	21	17	0.26	0.27	0.35	0.40	1.00	1.00	1.00
8	21	18	0.29	0.55	0.10	0.05	1.00	1.00	1.00
8	21	19	0.39	0.54	0.00	0.00	1.00	1.00	1.00
8	21	20	0.51	0.53	0.00	0.00	1.00	1.00	1.00
8	21	21	0.50	0.58	0.00	0.00	1.00	1.00	1.00
8	21	22	0.48	0.56	0.00	0.00	1.00	1.00	1.00
8	21	23	0.51	0.42	0.00	0.00	1.00	1.00	1.00
8	21	24	0.50	0.38	0.00	0.00	1.00	1.00	1.00
8	22	1	0.45	0.40	0.00	0.00	1.00	1.00	1.00
8	22	2	0.44	0.26	0.00	0.00	1.00	1.00	1.00
8	22	3	0.44	0.16	0.00	0.00	1.00	1.00	1.00
8	22	4	0.48	0.12	0.00	0.00	1.00	1.00	1.00
8	22	5	0.45	0.15	0.00	0.02	1.00	1.00	1.00
8	22	6	0.37	0.19	0.00	0.34	1.00	1.00	1.00
8	22	7	0.29	0.21	0.02	0.64	1.00	1.00	1.00
8	22	8	0.27	0.26	0.23	0.80	1.00	1.00	1.00
8	22	9	0.29	0.26	0.47	0.95	1.00	1.00	1.00
8	22	10	0.29	0.19	0.64	0.92	1.00	1.00	1.00
8	22	11	0.36	0.14	0.75	0.82	1.00	1.00	1.00
8	22	12	0.39	0.13	0.79	0.72	1.00	1.00	1.00
8	22	13	0.49	0.19	0.80	0.71	1.00	1.00	1.00
8	22	14	0.57	0.35	0.77	0.56	1.00	1.00	1.00
8	22	15	0.67	0.18	0.69	0.39	1.00	1.00	1.00
8	22	16	0.74	0.32	0.56	0.22	1.00	1.00	1.00
8	22	17	0.83	0.48	0.35	0.12	1.00	1.00	1.00
8	22	18	0.87	0.52	0.09	0.01	1.00	1.00	1.00
8	22	19	0.86	0.51	0.00	0.00	1.00	1.00	1.00
8	22	20	0.80	0.55	0.00	0.00	1.00	1.00	1.00
8	22	21	0.73	0.64	0.00	0.00	1.00	1.00	1.00
8	22	22	0.75	0.29	0.00	0.00	1.00	1.00	1.00
8	22	23	0.74	0.07	0.00	0.00	1.00	1.00	1.00
8	22	24	0.57	0.29	0.00	0.00	1.00	1.00	1.00
8	23	1	0.51	0.17	0.00	0.00	1.00	1.00	1.00
8	23	2	0.46	0.30	0.00	0.00	1.00	1.00	1.00
8	23	3	0.43	0.62	0.00	0.00	1.00	1.00	1.00
8	23	4	0.39	0.72	0.00	0.00	1.00	1.00	1.00
8	23	5	0.35	0.76	0.00	0.02	1.00	1.00	1.00
8	23	6	0.24	0.67	0.00	0.25	1.00	1.00	1.00
8	23	7	0.14	0.62	0.02	0.48	1.00	1.00	1.00
8	23	8	0.10	0.65	0.23	0.66	1.00	1.00	1.00
8	23	9	0.12	0.60	0.46	0.70	1.00	1.00	1.00
8	23	10	0.13	0.48	0.63	0.87	1.00	1.00	1.00
8	23	11	0.10	0.28	0.73	0.69	1.00	1.00	1.00
8	23	12	0.13	0.16	0.78	0.65	1.00	1.00	1.00
8	23	13	0.19	0.11	0.81	0.69	1.00	1.00	1.00
8	23	14	0.31	0.12	0.78	0.67	1.00	1.00	1.00
8	23	15	0.37	0.12	0.71	0.54	1.00	1.00	1.00

8	23	16	0.48	0.27	0.57	0.39	1.00	1.00	1.00
8	23	17	0.59	0.40	0.35	0.20	1.00	1.00	1.00
8	23	18	0.65	0.36	0.09	0.02	1.00	1.00	1.00
8	23	19	0.62	0.42	0.00	0.00	1.00	1.00	1.00
8	23	20	0.61	0.53	0.00	0.00	1.00	1.00	1.00
8	23	21	0.54	0.49	0.00	0.00	1.00	1.00	1.00
8	23	22	0.37	0.42	0.00	0.00	1.00	1.00	1.00
8	23	23	0.25	0.49	0.00	0.00	1.00	1.00	1.00
8	23	24	0.14	0.59	0.00	0.00	1.00	1.00	1.00
8	24	1	0.07	0.60	0.00	0.00	1.00	1.00	1.00
8	24	2	0.01	0.42	0.00	0.00	1.00	1.00	1.00
8	24	3	0.00	0.26	0.00	0.00	1.00	1.00	1.00
8	24	4	0.00	0.24	0.00	0.00	1.00	1.00	1.00
8	24	5	0.00	0.28	0.00	0.01	1.00	1.00	1.00
8	24	6	0.00	0.31	0.00	0.25	1.00	1.00	1.00
8	24	7	0.00	0.36	0.02	0.43	1.00	1.00	1.00
8	24	8	0.00	0.49	0.24	0.67	1.00	1.00	1.00
8	24	9	0.00	0.70	0.46	0.77	1.00	1.00	1.00
8	24	10	0.00	0.40	0.63	0.74	1.00	1.00	1.00
8	24	11	0.00	0.14	0.74	0.74	1.00	1.00	1.00
8	24	12	0.00	0.05	0.80	0.79	1.00	1.00	1.00
8	24	13	0.00	0.04	0.81	0.60	1.00	1.00	1.00
8	24	14	0.00	0.15	0.77	0.39	1.00	1.00	1.00
8	24	15	0.00	0.15	0.70	0.36	1.00	1.00	1.00
8	24	16	0.04	0.05	0.55	0.30	1.00	1.00	1.00
8	24	17	0.11	0.06	0.34	0.16	1.00	1.00	1.00
8	24	18	0.18	0.15	0.08	0.02	1.00	1.00	1.00
8	24	19	0.38	0.21	0.00	0.00	1.00	1.00	1.00
8	24	20	0.40	0.46	0.00	0.00	1.00	1.00	1.00
8	24	21	0.38	0.31	0.00	0.00	1.00	1.00	1.00
8	24	22	0.31	0.19	0.00	0.00	1.00	1.00	1.00
8	24	23	0.23	0.11	0.00	0.00	1.00	1.00	1.00
8	24	24	0.16	0.04	0.00	0.00	1.00	1.00	1.00
8	25	1	0.06	0.03	0.00	0.00	1.00	1.00	1.00
8	25	2	0.02	0.03	0.00	0.00	1.00	1.00	1.00
8	25	3	0.03	0.03	0.00	0.00	1.00	1.00	1.00
8	25	4	0.03	0.01	0.00	0.00	1.00	1.00	1.00
8	25	5	0.06	0.00	0.00	0.01	1.00	1.00	1.00
8	25	6	0.05	0.01	0.00	0.18	1.00	1.00	1.00
8	25	7	0.04	0.00	0.02	0.42	1.00	1.00	1.00
8	25	8	0.08	0.00	0.23	0.68	1.00	1.00	1.00
8	25	9	0.15	0.00	0.46	0.81	1.00	1.00	1.00
8	25	10	0.14	0.00	0.63	0.81	1.00	1.00	1.00
8	25	11	0.15	0.01	0.72	0.86	1.00	1.00	1.00
8	25	12	0.25	0.04	0.76	0.79	1.00	1.00	1.00
8	25	13	0.29	0.09	0.75	0.69	1.00	1.00	1.00
8	25	14	0.35	0.23	0.70	0.45	1.00	1.00	1.00
8	25	15	0.33	0.34	0.61	0.31	1.00	1.00	1.00
8	25	16	0.17	0.32	0.49	0.26	1.00	1.00	1.00

8	25	17	0.45	0.19	0.32	0.16	1.00	1.00	1.00
8	25	18	0.57	0.21	0.07	0.02	1.00	1.00	1.00
8	25	19	0.73	0.22	0.00	0.00	1.00	1.00	1.00
8	25	20	0.82	0.36	0.00	0.00	1.00	1.00	1.00
8	25	21	0.64	0.43	0.00	0.00	1.00	1.00	1.00
8	25	22	0.48	0.48	0.00	0.00	1.00	1.00	1.00
8	25	23	0.41	0.50	0.00	0.00	1.00	1.00	1.00
8	25	24	0.31	0.47	0.00	0.00	1.00	1.00	1.00
8	26	1	0.29	0.41	0.00	0.00	1.00	1.00	1.00
8	26	2	0.23	0.33	0.00	0.00	1.00	1.00	1.00
8	26	3	0.13	0.28	0.00	0.00	1.00	1.00	1.00
8	26	4	0.13	0.20	0.00	0.00	1.00	1.00	1.00
8	26	5	0.16	0.15	0.00	0.02	1.00	1.00	1.00
8	26	6	0.17	0.13	0.00	0.37	1.00	1.00	1.00
8	26	7	0.23	0.07	0.02	0.70	1.00	1.00	1.00
8	26	8	0.30	0.07	0.19	0.87	1.00	1.00	1.00
8	26	9	0.36	0.07	0.37	0.93	1.00	1.00	1.00
8	26	10	0.34	0.07	0.50	0.93	1.00	1.00	1.00
8	26	11	0.31	0.09	0.55	0.80	1.00	1.00	1.00
8	26	12	0.31	0.12	0.55	0.76	1.00	1.00	1.00
8	26	13	0.50	0.12	0.57	0.74	1.00	1.00	1.00
8	26	14	0.45	0.15	0.58	0.70	1.00	1.00	1.00
8	26	15	0.19	0.19	0.48	0.68	1.00	1.00	1.00
8	26	16	0.43	0.23	0.40	0.50	1.00	1.00	1.00
8	26	17	0.54	0.26	0.25	0.29	1.00	1.00	1.00
8	26	18	0.47	0.30	0.07	0.04	1.00	1.00	1.00
8	26	19	0.36	0.35	0.00	0.00	1.00	1.00	1.00
8	26	20	0.48	0.48	0.00	0.00	1.00	1.00	1.00
8	26	21	0.69	0.50	0.00	0.00	1.00	1.00	1.00
8	26	22	0.59	0.50	0.00	0.00	1.00	1.00	1.00
8	26	23	0.50	0.45	0.00	0.00	1.00	1.00	1.00
8	26	24	0.52	0.39	0.00	0.00	1.00	1.00	1.00
8	27	1	0.39	0.26	0.00	0.00	1.00	1.00	1.00
8	27	2	0.21	0.16	0.00	0.00	1.00	1.00	1.00
8	27	3	0.23	0.06	0.00	0.00	1.00	1.00	1.00
8	27	4	0.26	0.02	0.00	0.00	1.00	1.00	1.00
8	27	5	0.17	0.00	0.00	0.02	1.00	1.00	1.00
8	27	6	0.15	0.00	0.00	0.38	1.00	1.00	1.00
8	27	7	0.10	0.00	0.02	0.70	1.00	1.00	1.00
8	27	8	0.11	0.00	0.24	0.88	1.00	1.00	1.00
8	27	9	0.11	0.00	0.47	0.95	1.00	1.00	1.00
8	27	10	0.07	0.00	0.64	1.00	1.00	1.00	1.00
8	27	11	0.01	0.02	0.74	0.97	1.00	1.00	1.00
8	27	12	0.00	0.02	0.77	0.92	1.00	1.00	1.00
8	27	13	0.03	0.01	0.73	0.94	1.00	1.00	1.00
8	27	14	0.20	0.01	0.70	0.84	1.00	1.00	1.00
8	27	15	0.12	0.03	0.66	0.65	1.00	1.00	1.00
8	27	16	0.15	0.04	0.52	0.61	1.00	1.00	1.00
8	27	17	0.50	0.07	0.33	0.38	1.00	1.00	1.00

8	27	18	0.47	0.15	0.08	0.04	1.00	1.00	1.00
8	27	19	0.52	0.22	0.00	0.00	1.00	1.00	1.00
8	27	20	0.48	0.17	0.00	0.00	1.00	1.00	1.00
8	27	21	0.43	0.13	0.00	0.00	1.00	1.00	1.00
8	27	22	0.25	0.23	0.00	0.00	1.00	1.00	1.00
8	27	23	0.21	0.25	0.00	0.00	1.00	1.00	1.00
8	27	24	0.20	0.20	0.00	0.00	1.00	1.00	1.00
8	28	1	0.17	0.15	0.00	0.00	1.00	1.00	1.00
8	28	2	0.12	0.14	0.00	0.00	1.00	1.00	1.00
8	28	3	0.06	0.18	0.00	0.00	1.00	1.00	1.00
8	28	4	0.03	0.18	0.00	0.00	1.00	1.00	1.00
8	28	5	0.03	0.16	0.00	0.02	1.00	1.00	1.00
8	28	6	0.00	0.14	0.00	0.36	1.00	1.00	1.00
8	28	7	0.00	0.05	0.02	0.65	1.00	1.00	1.00
8	28	8	0.00	0.03	0.24	0.82	1.00	1.00	1.00
8	28	9	0.00	0.02	0.48	0.94	1.00	1.00	1.00
8	28	10	0.00	0.01	0.65	0.97	1.00	1.00	1.00
8	28	11	0.00	0.02	0.73	0.84	1.00	1.00	1.00
8	28	12	0.00	0.03	0.77	0.74	1.00	1.00	1.00
8	28	13	0.01	0.05	0.76	0.74	1.00	1.00	1.00
8	28	14	0.12	0.08	0.70	0.55	1.00	1.00	1.00
8	28	15	0.21	0.07	0.60	0.31	1.00	1.00	1.00
8	28	16	0.12	0.05	0.51	0.32	1.00	1.00	1.00
8	28	17	0.11	0.07	0.33	0.19	1.00	1.00	1.00
8	28	18	0.18	0.13	0.07	0.02	1.00	1.00	1.00
8	28	19	0.21	0.22	0.00	0.00	1.00	1.00	1.00
8	28	20	0.21	0.32	0.00	0.00	1.00	1.00	1.00
8	28	21	0.23	0.36	0.00	0.00	1.00	1.00	1.00
8	28	22	0.15	0.41	0.00	0.00	1.00	1.00	1.00
8	28	23	0.07	0.36	0.00	0.00	1.00	1.00	1.00
8	28	24	0.04	0.29	0.00	0.00	1.00	1.00	1.00
8	29	1	0.00	0.24	0.00	0.00	1.00	1.00	1.00
8	29	2	0.00	0.15	0.00	0.00	1.00	1.00	1.00
8	29	3	0.00	0.13	0.00	0.00	1.00	1.00	1.00
8	29	4	0.00	0.15	0.00	0.00	1.00	1.00	1.00
8	29	5	0.00	0.12	0.00	0.01	1.00	1.00	1.00
8	29	6	0.00	0.09	0.00	0.22	1.00	1.00	1.00
8	29	7	0.00	0.07	0.02	0.44	1.00	1.00	1.00
8	29	8	0.00	0.10	0.24	0.69	1.00	1.00	1.00
8	29	9	0.00	0.12	0.47	0.71	1.00	1.00	1.00
8	29	10	0.00	0.15	0.62	0.80	1.00	1.00	1.00
8	29	11	0.00	0.19	0.71	0.78	1.00	1.00	1.00
8	29	12	0.00	0.20	0.74	0.78	1.00	1.00	1.00
8	29	13	0.00	0.19	0.72	0.59	1.00	1.00	1.00
8	29	14	0.00	0.17	0.62	0.69	1.00	1.00	1.00
8	29	15	0.00	0.17	0.56	0.55	1.00	1.00	1.00
8	29	16	0.00	0.16	0.45	0.33	1.00	1.00	1.00
8	29	17	0.01	0.15	0.27	0.25	1.00	1.00	1.00
8	29	18	0.10	0.17	0.06	0.02	1.00	1.00	1.00

8	29	19	0.18	0.36	0.00	0.00	1.00	1.00	1.00
8	29	20	0.09	0.29	0.00	0.00	1.00	1.00	1.00
8	29	21	0.03	0.13	0.00	0.00	1.00	1.00	1.00
8	29	22	0.07	0.06	0.00	0.00	1.00	1.00	1.00
8	29	23	0.05	0.02	0.00	0.00	1.00	1.00	1.00
8	29	24	0.04	0.00	0.00	0.00	1.00	1.00	1.00
8	30	1	0.03	0.00	0.00	0.00	1.00	1.00	1.00
8	30	2	0.00	0.01	0.00	0.00	1.00	1.00	1.00
8	30	3	0.00	0.10	0.00	0.00	1.00	1.00	1.00
8	30	4	0.00	0.15	0.00	0.00	1.00	1.00	1.00
8	30	5	0.00	0.13	0.00	0.01	1.00	1.00	1.00
8	30	6	0.00	0.09	0.00	0.21	1.00	1.00	1.00
8	30	7	0.00	0.03	0.01	0.40	1.00	1.00	1.00
8	30	8	0.00	0.03	0.14	0.53	1.00	1.00	1.00
8	30	9	0.00	0.01	0.32	0.61	1.00	1.00	1.00
8	30	10	0.00	0.00	0.45	0.62	1.00	1.00	1.00
8	30	11	0.00	0.01	0.50	0.74	1.00	1.00	1.00
8	30	12	0.06	0.00	0.55	0.70	1.00	1.00	1.00
8	30	13	0.14	0.00	0.54	0.73	1.00	1.00	1.00
8	30	14	0.38	0.03	0.55	0.46	1.00	1.00	1.00
8	30	15	0.30	0.04	0.52	0.33	1.00	1.00	1.00
8	30	16	0.33	0.02	0.42	0.50	1.00	1.00	1.00
8	30	17	0.17	0.01	0.27	0.23	1.00	1.00	1.00
8	30	18	0.12	0.01	0.06	0.02	1.00	1.00	1.00
8	30	19	0.04	0.04	0.00	0.00	1.00	1.00	1.00
8	30	20	0.03	0.08	0.00	0.00	1.00	1.00	1.00
8	30	21	0.09	0.07	0.00	0.00	1.00	1.00	1.00
8	30	22	0.01	0.06	0.00	0.00	1.00	1.00	1.00
8	30	23	0.00	0.05	0.00	0.00	1.00	1.00	1.00
8	30	24	0.00	0.06	0.00	0.00	1.00	1.00	1.00
8	31	1	0.00	0.04	0.00	0.00	1.00	1.00	1.00
8	31	2	0.00	0.02	0.00	0.00	1.00	1.00	1.00
8	31	3	0.00	0.02	0.00	0.00	1.00	1.00	1.00
8	31	4	0.00	0.02	0.00	0.00	1.00	1.00	1.00
8	31	5	0.00	0.01	0.00	0.01	1.00	1.00	1.00
8	31	6	0.01	0.00	0.00	0.27	1.00	1.00	1.00
8	31	7	0.00	0.00	0.02	0.59	1.00	1.00	1.00
8	31	8	0.00	0.00	0.23	0.77	1.00	1.00	1.00
8	31	9	0.00	0.00	0.46	0.80	1.00	1.00	1.00
8	31	10	0.00	0.01	0.63	0.79	1.00	1.00	1.00
8	31	11	0.00	0.03	0.71	0.84	1.00	1.00	1.00
8	31	12	0.00	0.05	0.72	0.56	1.00	1.00	1.00
8	31	13	0.01	0.06	0.67	0.57	1.00	1.00	1.00
8	31	14	0.17	0.04	0.58	0.51	1.00	1.00	1.00
8	31	15	0.07	0.03	0.50	0.53	1.00	1.00	1.00
8	31	16	0.10	0.03	0.43	0.37	1.00	1.00	1.00
8	31	17	0.33	0.05	0.24	0.22	1.00	1.00	1.00
8	31	18	0.18	0.04	0.05	0.01	1.00	1.00	1.00
8	31	19	0.23	0.12	0.00	0.00	1.00	1.00	1.00

8	31	20	0.28	0.09	0.00	0.00	1.00	1.00	1.00
8	31	21	0.31	0.07	0.00	0.00	1.00	1.00	1.00
8	31	22	0.40	0.13	0.00	0.00	1.00	1.00	1.00
8	31	23	0.47	0.10	0.00	0.00	1.00	1.00	1.00
8	31	24	0.34	0.13	0.00	0.00	1.00	1.00	1.00
9	1	1	0.24	0.09	0.00	0.00	1.00	1.00	1.00
9	1	2	0.22	0.09	0.00	0.00	1.00	1.00	1.00
9	1	3	0.19	0.14	0.00	0.00	1.00	1.00	1.00
9	1	4	0.20	0.11	0.00	0.00	1.00	1.00	1.00
9	1	5	0.13	0.04	0.00	0.01	1.00	1.00	1.00
9	1	6	0.09	0.02	0.00	0.33	1.00	1.00	1.00
9	1	7	0.02	0.00	0.02	0.65	1.00	1.00	1.00
9	1	8	0.00	0.00	0.24	0.87	1.00	1.00	1.00
9	1	9	0.00	0.01	0.48	0.87	1.00	1.00	1.00
9	1	10	0.00	0.02	0.65	0.78	1.00	1.00	1.00
9	1	11	0.00	0.07	0.68	0.82	1.00	1.00	1.00
9	1	12	0.00	0.10	0.69	0.72	1.00	1.00	1.00
9	1	13	0.00	0.23	0.68	0.54	1.00	1.00	1.00
9	1	14	0.02	0.34	0.64	0.60	1.00	1.00	1.00
9	1	15	0.03	0.19	0.60	0.63	1.00	1.00	1.00
9	1	16	0.23	0.13	0.47	0.42	1.00	1.00	1.00
9	1	17	0.29	0.10	0.29	0.30	1.00	1.00	1.00
9	1	18	0.26	0.06	0.06	0.02	1.00	1.00	1.00
9	1	19	0.32	0.05	0.00	0.00	1.00	1.00	1.00
9	1	20	0.36	0.05	0.00	0.00	1.00	1.00	1.00
9	1	21	0.40	0.05	0.00	0.00	1.00	1.00	1.00
9	1	22	0.41	0.03	0.00	0.00	1.00	1.00	1.00
9	1	23	0.34	0.03	0.00	0.00	1.00	1.00	1.00
9	1	24	0.30	0.05	0.00	0.00	1.00	1.00	1.00
9	2	1	0.33	0.03	0.00	0.00	1.00	1.00	1.00
9	2	2	0.40	0.02	0.00	0.00	1.00	1.00	1.00
9	2	3	0.37	0.02	0.00	0.00	1.00	1.00	1.00
9	2	4	0.19	0.02	0.00	0.00	1.00	1.00	1.00
9	2	5	0.10	0.02	0.00	0.01	1.00	1.00	1.00
9	2	6	0.05	0.03	0.00	0.36	1.00	1.00	1.00
9	2	7	0.03	0.01	0.02	0.72	1.00	1.00	1.00
9	2	8	0.00	0.00	0.24	0.93	1.00	1.00	1.00
9	2	9	0.01	0.01	0.47	1.00	1.00	1.00	1.00
9	2	10	0.00	0.02	0.63	0.97	1.00	1.00	1.00
9	2	11	0.00	0.02	0.73	0.89	1.00	1.00	1.00
9	2	12	0.00	0.05	0.77	0.94	1.00	1.00	1.00
9	2	13	0.00	0.07	0.75	0.96	1.00	1.00	1.00
9	2	14	0.05	0.07	0.68	0.81	1.00	1.00	1.00
9	2	15	0.17	0.08	0.61	0.74	1.00	1.00	1.00
9	2	16	0.13	0.09	0.49	0.65	1.00	1.00	1.00
9	2	17	0.23	0.11	0.31	0.35	1.00	1.00	1.00
9	2	18	0.23	0.14	0.06	0.02	1.00	1.00	1.00
9	2	19	0.38	0.18	0.00	0.00	1.00	1.00	1.00
9	2	20	0.45	0.24	0.00	0.00	1.00	1.00	1.00

9	2	21	0.39	0.24	0.00	0.00	1.00	1.00	1.00
9	2	22	0.32	0.23	0.00	0.00	1.00	1.00	1.00
9	2	23	0.18	0.19	0.00	0.00	1.00	1.00	1.00
9	2	24	0.18	0.15	0.00	0.00	1.00	1.00	1.00
9	3	1	0.08	0.10	0.00	0.00	1.00	1.00	1.00
9	3	2	0.17	0.05	0.00	0.00	1.00	1.00	1.00
9	3	3	0.09	0.02	0.00	0.00	1.00	1.00	1.00
9	3	4	0.01	0.00	0.00	0.00	1.00	1.00	1.00
9	3	5	0.07	0.00	0.00	0.01	1.00	1.00	1.00
9	3	6	0.22	0.00	0.00	0.39	1.00	1.00	1.00
9	3	7	0.17	0.00	0.02	0.73	1.00	1.00	1.00
9	3	8	0.20	0.00	0.25	0.93	1.00	1.00	1.00
9	3	9	0.12	0.00	0.49	1.00	1.00	1.00	1.00
9	3	10	0.03	0.00	0.65	1.00	1.00	1.00	1.00
9	3	11	0.00	0.00	0.75	1.00	1.00	1.00	1.00
9	3	12	0.02	0.00	0.76	0.99	1.00	1.00	1.00
9	3	13	0.31	0.00	0.70	1.00	1.00	1.00	1.00
9	3	14	0.39	0.00	0.68	0.84	1.00	1.00	1.00
9	3	15	0.26	0.01	0.60	0.90	1.00	1.00	1.00
9	3	16	0.30	0.01	0.49	0.65	1.00	1.00	1.00
9	3	17	0.33	0.04	0.29	0.36	1.00	1.00	1.00
9	3	18	0.36	0.16	0.05	0.02	1.00	1.00	1.00
9	3	19	0.29	0.31	0.00	0.00	1.00	1.00	1.00
9	3	20	0.36	0.37	0.00	0.00	1.00	1.00	1.00
9	3	21	0.41	0.42	0.00	0.00	1.00	1.00	1.00
9	3	22	0.27	0.43	0.00	0.00	1.00	1.00	1.00
9	3	23	0.33	0.36	0.00	0.00	1.00	1.00	1.00
9	3	24	0.45	0.26	0.00	0.00	1.00	1.00	1.00
9	4	1	0.46	0.18	0.00	0.00	1.00	1.00	1.00
9	4	2	0.38	0.07	0.00	0.00	1.00	1.00	1.00
9	4	3	0.38	0.03	0.00	0.00	1.00	1.00	1.00
9	4	4	0.36	0.04	0.00	0.00	1.00	1.00	1.00
9	4	5	0.36	0.05	0.00	0.01	1.00	1.00	1.00
9	4	6	0.34	0.09	0.00	0.36	1.00	1.00	1.00
9	4	7	0.27	0.05	0.02	0.71	1.00	1.00	1.00
9	4	8	0.14	0.04	0.25	0.93	1.00	1.00	1.00
9	4	9	0.18	0.04	0.49	1.00	1.00	1.00	1.00
9	4	10	0.20	0.01	0.67	1.00	1.00	1.00	1.00
9	4	11	0.27	0.00	0.77	1.00	1.00	1.00	1.00
9	4	12	0.48	0.01	0.81	0.99	1.00	1.00	1.00
9	4	13	0.63	0.01	0.79	0.98	1.00	1.00	1.00
9	4	14	0.70	0.03	0.73	0.81	1.00	1.00	1.00
9	4	15	0.78	0.04	0.63	0.75	1.00	1.00	1.00
9	4	16	0.81	0.07	0.46	0.64	1.00	1.00	1.00
9	4	17	0.87	0.08	0.27	0.35	1.00	1.00	1.00
9	4	18	0.81	0.14	0.04	0.02	1.00	1.00	1.00
9	4	19	0.83	0.25	0.00	0.00	1.00	1.00	1.00
9	4	20	0.74	0.26	0.00	0.00	1.00	1.00	1.00
9	4	21	0.77	0.21	0.00	0.00	1.00	1.00	1.00

9	4	22	0.74	0.20	0.00	0.00	1.00	1.00	1.00
9	4	23	0.68	0.24	0.00	0.00	1.00	1.00	1.00
9	4	24	0.56	0.31	0.00	0.00	1.00	1.00	1.00
9	5	1	0.51	0.41	0.00	0.00	1.00	1.00	1.00
9	5	2	0.53	0.54	0.00	0.00	1.00	1.00	1.00
9	5	3	0.55	0.67	0.00	0.00	1.00	1.00	1.00
9	5	4	0.48	0.70	0.00	0.00	1.00	1.00	1.00
9	5	5	0.40	0.76	0.00	0.01	1.00	1.00	1.00
9	5	6	0.31	0.76	0.00	0.35	1.00	1.00	1.00
9	5	7	0.18	0.56	0.02	0.67	1.00	1.00	1.00
9	5	8	0.18	0.51	0.25	0.88	1.00	1.00	1.00
9	5	9	0.31	0.46	0.50	0.95	1.00	1.00	1.00
9	5	10	0.36	0.39	0.68	0.94	1.00	1.00	1.00
9	5	11	0.31	0.26	0.79	0.91	1.00	1.00	1.00
9	5	12	0.30	0.18	0.84	0.84	1.00	1.00	1.00
9	5	13	0.30	0.15	0.82	0.89	1.00	1.00	1.00
9	5	14	0.27	0.13	0.80	0.81	1.00	1.00	1.00
9	5	15	0.21	0.23	0.71	0.64	1.00	1.00	1.00
9	5	16	0.19	0.29	0.56	0.58	1.00	1.00	1.00
9	5	17	0.28	0.37	0.32	0.26	1.00	1.00	1.00
9	5	18	0.44	0.41	0.05	0.01	1.00	1.00	1.00
9	5	19	0.54	0.26	0.00	0.00	1.00	1.00	1.00
9	5	20	0.52	0.24	0.00	0.00	1.00	1.00	1.00
9	5	21	0.43	0.40	0.00	0.00	1.00	1.00	1.00
9	5	22	0.38	0.45	0.00	0.00	1.00	1.00	1.00
9	5	23	0.29	0.50	0.00	0.00	1.00	1.00	1.00
9	5	24	0.25	0.52	0.00	0.00	1.00	1.00	1.00
9	6	1	0.21	0.59	0.00	0.00	1.00	1.00	1.00
9	6	2	0.15	0.52	0.00	0.00	1.00	1.00	1.00
9	6	3	0.07	0.41	0.00	0.00	1.00	1.00	1.00
9	6	4	0.01	0.56	0.00	0.00	1.00	1.00	1.00
9	6	5	0.00	0.66	0.00	0.00	1.00	1.00	1.00
9	6	6	0.02	0.57	0.00	0.10	1.00	1.00	1.00
9	6	7	0.03	0.36	0.02	0.16	1.00	1.00	1.00
9	6	8	0.01	0.35	0.26	0.22	1.00	1.00	1.00
9	6	9	0.00	0.29	0.49	0.31	1.00	1.00	1.00
9	6	10	0.00	0.24	0.67	0.36	1.00	1.00	1.00
9	6	11	0.00	0.21	0.77	0.32	1.00	1.00	1.00
9	6	12	0.00	0.18	0.82	0.26	1.00	1.00	1.00
9	6	13	0.00	0.21	0.83	0.36	1.00	1.00	1.00
9	6	14	0.00	0.27	0.80	0.32	1.00	1.00	1.00
9	6	15	0.02	0.35	0.71	0.36	1.00	1.00	1.00
9	6	16	0.10	0.50	0.56	0.40	1.00	1.00	1.00
9	6	17	0.26	0.31	0.32	0.17	1.00	1.00	1.00
9	6	18	0.40	0.21	0.04	0.00	1.00	1.00	1.00
9	6	19	0.41	0.20	0.00	0.00	1.00	1.00	1.00
9	6	20	0.37	0.29	0.00	0.00	1.00	1.00	1.00
9	6	21	0.29	0.34	0.00	0.00	1.00	1.00	1.00
9	6	22	0.25	0.30	0.00	0.00	1.00	1.00	1.00

9	6	23	0.27	0.32	0.00	0.00	1.00	1.00	1.00
9	6	24	0.26	0.27	0.00	0.00	1.00	1.00	1.00
9	7	1	0.21	0.30	0.00	0.00	1.00	1.00	1.00
9	7	2	0.10	0.36	0.00	0.00	1.00	1.00	1.00
9	7	3	0.02	0.43	0.00	0.00	1.00	1.00	1.00
9	7	4	0.00	0.44	0.00	0.00	1.00	1.00	1.00
9	7	5	0.00	0.40	0.00	0.01	1.00	1.00	1.00
9	7	6	0.00	0.41	0.00	0.36	1.00	1.00	1.00
9	7	7	0.00	0.45	0.02	0.69	1.00	1.00	1.00
9	7	8	0.00	0.40	0.25	0.88	1.00	1.00	1.00
9	7	9	0.00	0.36	0.48	1.00	1.00	1.00	1.00
9	7	10	0.00	0.30	0.67	1.00	1.00	1.00	1.00
9	7	11	0.00	0.23	0.78	1.00	1.00	1.00	1.00
9	7	12	0.00	0.15	0.84	0.90	1.00	1.00	1.00
9	7	13	0.00	0.10	0.85	0.95	1.00	1.00	1.00
9	7	14	0.00	0.08	0.81	0.67	1.00	1.00	1.00
9	7	15	0.01	0.07	0.72	0.60	1.00	1.00	1.00
9	7	16	0.04	0.10	0.56	0.41	1.00	1.00	1.00
9	7	17	0.05	0.28	0.32	0.19	1.00	1.00	1.00
9	7	18	0.12	0.29	0.04	0.01	1.00	1.00	1.00
9	7	19	0.33	0.17	0.00	0.00	1.00	1.00	1.00
9	7	20	0.41	0.14	0.00	0.00	1.00	1.00	1.00
9	7	21	0.40	0.09	0.00	0.00	1.00	1.00	1.00
9	7	22	0.31	0.08	0.00	0.00	1.00	1.00	1.00
9	7	23	0.24	0.15	0.00	0.00	1.00	1.00	1.00
9	7	24	0.20	0.16	0.00	0.00	1.00	1.00	1.00
9	8	1	0.18	0.13	0.00	0.00	1.00	1.00	1.00
9	8	2	0.15	0.14	0.00	0.00	1.00	1.00	1.00
9	8	3	0.10	0.13	0.00	0.00	1.00	1.00	1.00
9	8	4	0.04	0.08	0.00	0.00	1.00	1.00	1.00
9	8	5	0.02	0.06	0.00	0.01	1.00	1.00	1.00
9	8	6	0.01	0.03	0.00	0.25	1.00	1.00	1.00
9	8	7	0.00	0.01	0.02	0.55	1.00	1.00	1.00
9	8	8	0.00	0.00	0.26	0.84	1.00	1.00	1.00
9	8	9	0.00	0.00	0.50	0.96	1.00	1.00	1.00
9	8	10	0.00	0.00	0.68	0.99	1.00	1.00	1.00
9	8	11	0.00	0.00	0.78	0.68	1.00	1.00	1.00
9	8	12	0.00	0.00	0.83	0.65	1.00	1.00	1.00
9	8	13	0.00	0.00	0.84	0.33	1.00	1.00	1.00
9	8	14	0.00	0.08	0.75	0.31	1.00	1.00	1.00
9	8	15	0.00	0.22	0.69	0.35	1.00	1.00	1.00
9	8	16	0.00	0.40	0.55	0.20	1.00	1.00	1.00
9	8	17	0.04	0.30	0.32	0.07	1.00	1.00	1.00
9	8	18	0.16	0.10	0.04	0.00	1.00	1.00	1.00
9	8	19	0.25	0.09	0.00	0.00	1.00	1.00	1.00
9	8	20	0.27	0.03	0.00	0.00	1.00	1.00	1.00
9	8	21	0.35	0.02	0.00	0.00	1.00	1.00	1.00
9	8	22	0.29	0.07	0.00	0.00	1.00	1.00	1.00
9	8	23	0.36	0.04	0.00	0.00	1.00	1.00	1.00

9	8	24	0.33	0.04	0.00	0.00	1.00	1.00	1.00
9	9	1	0.21	0.04	0.00	0.00	1.00	1.00	1.00
9	9	2	0.09	0.05	0.00	0.00	1.00	1.00	1.00
9	9	3	0.04	0.04	0.00	0.00	1.00	1.00	1.00
9	9	4	0.04	0.05	0.00	0.00	1.00	1.00	1.00
9	9	5	0.02	0.11	0.00	0.00	1.00	1.00	1.00
9	9	6	0.00	0.16	0.00	0.08	1.00	1.00	1.00
9	9	7	0.00	0.19	0.02	0.09	1.00	1.00	1.00
9	9	8	0.00	0.13	0.26	0.18	1.00	1.00	1.00
9	9	9	0.00	0.07	0.49	0.20	1.00	1.00	1.00
9	9	10	0.00	0.05	0.67	0.32	1.00	1.00	1.00
9	9	11	0.02	0.04	0.78	0.42	1.00	1.00	1.00
9	9	12	0.18	0.05	0.81	0.36	1.00	1.00	1.00
9	9	13	0.05	0.06	0.80	0.37	1.00	1.00	1.00
9	9	14	0.15	0.07	0.77	0.29	1.00	1.00	1.00
9	9	15	0.19	0.19	0.68	0.17	1.00	1.00	1.00
9	9	16	0.21	0.46	0.55	0.26	1.00	1.00	1.00
9	9	17	0.32	0.12	0.32	0.05	1.00	1.00	1.00
9	9	18	0.26	0.01	0.04	0.00	1.00	1.00	1.00
9	9	19	0.44	0.19	0.00	0.00	1.00	1.00	1.00
9	9	20	0.62	0.27	0.00	0.00	1.00	1.00	1.00
9	9	21	0.58	0.09	0.00	0.00	1.00	1.00	1.00
9	9	22	0.62	0.00	0.00	0.00	1.00	1.00	1.00
9	9	23	0.65	0.00	0.00	0.00	1.00	1.00	1.00
9	9	24	0.60	0.00	0.00	0.00	1.00	1.00	1.00
9	10	1	0.54	0.00	0.00	0.00	1.00	1.00	1.00
9	10	2	0.46	0.00	0.00	0.00	1.00	1.00	1.00
9	10	3	0.39	0.00	0.00	0.00	1.00	1.00	1.00
9	10	4	0.32	0.02	0.00	0.00	1.00	1.00	1.00
9	10	5	0.29	0.02	0.00	0.00	1.00	1.00	1.00
9	10	6	0.20	0.01	0.00	0.05	1.00	1.00	1.00
9	10	7	0.14	0.00	0.02	0.31	1.00	1.00	1.00
9	10	8	0.13	0.00	0.25	0.53	1.00	1.00	1.00
9	10	9	0.13	0.00	0.49	0.59	1.00	1.00	1.00
9	10	10	0.12	0.00	0.65	0.68	1.00	1.00	1.00
9	10	11	0.12	0.00	0.74	0.70	1.00	1.00	1.00
9	10	12	0.11	0.00	0.78	0.61	1.00	1.00	1.00
9	10	13	0.11	0.15	0.82	0.59	1.00	1.00	1.00
9	10	14	0.13	0.38	0.77	0.53	1.00	1.00	1.00
9	10	15	0.16	0.09	0.69	0.39	1.00	1.00	1.00
9	10	16	0.21	0.04	0.53	0.26	1.00	1.00	1.00
9	10	17	0.25	0.14	0.30	0.13	1.00	1.00	1.00
9	10	18	0.40	0.14	0.03	0.00	1.00	1.00	1.00
9	10	19	0.47	0.10	0.00	0.00	1.00	1.00	1.00
9	10	20	0.47	0.29	0.00	0.00	1.00	1.00	1.00
9	10	21	0.52	0.40	0.00	0.00	1.00	1.00	1.00
9	10	22	0.46	0.35	0.00	0.00	1.00	1.00	1.00
9	10	23	0.38	0.22	0.00	0.00	1.00	1.00	1.00
9	10	24	0.31	0.22	0.00	0.00	1.00	1.00	1.00

9	11	1	0.20	0.14	0.00	0.00	1.00	1.00	1.00
9	11	2	0.12	0.07	0.00	0.00	1.00	1.00	1.00
9	11	3	0.09	0.07	0.00	0.00	1.00	1.00	1.00
9	11	4	0.04	0.04	0.00	0.00	1.00	1.00	1.00
9	11	5	0.00	0.05	0.00	0.00	1.00	1.00	1.00
9	11	6	0.00	0.11	0.00	0.17	1.00	1.00	1.00
9	11	7	0.00	0.11	0.02	0.38	1.00	1.00	1.00
9	11	8	0.00	0.08	0.25	0.47	1.00	1.00	1.00
9	11	9	0.00	0.05	0.49	0.55	1.00	1.00	1.00
9	11	10	0.00	0.04	0.65	0.73	1.00	1.00	1.00
9	11	11	0.00	0.03	0.76	0.79	1.00	1.00	1.00
9	11	12	0.00	0.01	0.82	0.86	1.00	1.00	1.00
9	11	13	0.00	0.00	0.83	0.83	1.00	1.00	1.00
9	11	14	0.00	0.00	0.80	0.84	1.00	1.00	1.00
9	11	15	0.00	0.00	0.71	0.68	1.00	1.00	1.00
9	11	16	0.00	0.01	0.55	0.56	1.00	1.00	1.00
9	11	17	0.08	0.05	0.31	0.16	1.00	1.00	1.00
9	11	18	0.21	0.05	0.03	0.00	1.00	1.00	1.00
9	11	19	0.29	0.04	0.00	0.00	1.00	1.00	1.00
9	11	20	0.31	0.06	0.00	0.00	1.00	1.00	1.00
9	11	21	0.30	0.03	0.00	0.00	1.00	1.00	1.00
9	11	22	0.32	0.02	0.00	0.00	1.00	1.00	1.00
9	11	23	0.26	0.00	0.00	0.00	1.00	1.00	1.00
9	11	24	0.21	0.01	0.00	0.00	1.00	1.00	1.00
9	12	1	0.19	0.05	0.00	0.00	1.00	1.00	1.00
9	12	2	0.16	0.12	0.00	0.00	1.00	1.00	1.00
9	12	3	0.18	0.14	0.00	0.00	1.00	1.00	1.00
9	12	4	0.19	0.18	0.00	0.00	1.00	1.00	1.00
9	12	5	0.18	0.24	0.00	0.00	1.00	1.00	1.00
9	12	6	0.13	0.23	0.00	0.21	1.00	1.00	1.00
9	12	7	0.10	0.07	0.02	0.56	1.00	1.00	1.00
9	12	8	0.04	0.01	0.24	0.76	1.00	1.00	1.00
9	12	9	0.01	0.01	0.48	0.92	1.00	1.00	1.00
9	12	10	0.02	0.02	0.66	0.99	1.00	1.00	1.00
9	12	11	0.06	0.04	0.77	0.95	1.00	1.00	1.00
9	12	12	0.08	0.05	0.81	0.97	1.00	1.00	1.00
9	12	13	0.13	0.07	0.79	0.98	1.00	1.00	1.00
9	12	14	0.12	0.11	0.76	0.83	1.00	1.00	1.00
9	12	15	0.23	0.21	0.69	0.67	1.00	1.00	1.00
9	12	16	0.35	0.15	0.54	0.48	1.00	1.00	1.00
9	12	17	0.36	0.08	0.30	0.14	1.00	1.00	1.00
9	12	18	0.44	0.08	0.03	0.00	1.00	1.00	1.00
9	12	19	0.53	0.05	0.00	0.00	1.00	1.00	1.00
9	12	20	0.56	0.05	0.00	0.00	1.00	1.00	1.00
9	12	21	0.54	0.11	0.00	0.00	1.00	1.00	1.00
9	12	22	0.51	0.26	0.00	0.00	1.00	1.00	1.00
9	12	23	0.43	0.43	0.00	0.00	1.00	1.00	1.00
9	12	24	0.36	0.52	0.00	0.00	1.00	1.00	1.00
9	13	1	0.35	0.55	0.00	0.00	1.00	1.00	1.00

9	13	2	0.33	0.51	0.00	0.00	1.00	1.00	1.00
9	13	3	0.33	0.55	0.00	0.00	1.00	1.00	1.00
9	13	4	0.36	0.65	0.00	0.00	1.00	1.00	1.00
9	13	5	0.36	0.64	0.00	0.00	1.00	1.00	1.00
9	13	6	0.36	0.60	0.00	0.31	1.00	1.00	1.00
9	13	7	0.34	0.46	0.02	0.67	1.00	1.00	1.00
9	13	8	0.29	0.36	0.26	0.91	1.00	1.00	1.00
9	13	9	0.38	0.31	0.49	1.00	1.00	1.00	1.00
9	13	10	0.46	0.22	0.66	1.00	1.00	1.00	1.00
9	13	11	0.44	0.09	0.76	1.00	1.00	1.00	1.00
9	13	12	0.46	0.06	0.81	1.00	1.00	1.00	1.00
9	13	13	0.60	0.05	0.81	1.00	1.00	1.00	1.00
9	13	14	0.62	0.05	0.78	0.92	1.00	1.00	1.00
9	13	15	0.67	0.05	0.68	0.89	1.00	1.00	1.00
9	13	16	0.74	0.06	0.52	0.64	1.00	1.00	1.00
9	13	17	0.78	0.07	0.29	0.20	1.00	1.00	1.00
9	13	18	0.72	0.12	0.03	0.00	1.00	1.00	1.00
9	13	19	0.69	0.15	0.00	0.00	1.00	1.00	1.00
9	13	20	0.61	0.13	0.00	0.00	1.00	1.00	1.00
9	13	21	0.60	0.06	0.00	0.00	1.00	1.00	1.00
9	13	22	0.59	0.04	0.00	0.00	1.00	1.00	1.00
9	13	23	0.58	0.03	0.00	0.00	1.00	1.00	1.00
9	13	24	0.50	0.01	0.00	0.00	1.00	1.00	1.00
9	14	1	0.50	0.01	0.00	0.00	1.00	1.00	1.00
9	14	2	0.52	0.03	0.00	0.00	1.00	1.00	1.00
9	14	3	0.52	0.11	0.00	0.00	1.00	1.00	1.00
9	14	4	0.55	0.09	0.00	0.00	1.00	1.00	1.00
9	14	5	0.57	0.09	0.00	0.00	1.00	1.00	1.00
9	14	6	0.53	0.04	0.00	0.33	1.00	1.00	1.00
9	14	7	0.47	0.00	0.02	0.66	1.00	1.00	1.00
9	14	8	0.42	0.00	0.26	0.86	1.00	1.00	1.00
9	14	9	0.41	0.00	0.50	1.00	1.00	1.00	1.00
9	14	10	0.48	0.01	0.67	1.00	1.00	1.00	1.00
9	14	11	0.60	0.02	0.77	1.00	1.00	1.00	1.00
9	14	12	0.60	0.03	0.82	1.00	1.00	1.00	1.00
9	14	13	0.61	0.05	0.83	0.99	1.00	1.00	1.00
9	14	14	0.70	0.08	0.80	0.93	1.00	1.00	1.00
9	14	15	0.75	0.19	0.71	0.89	1.00	1.00	1.00
9	14	16	0.78	0.37	0.54	0.72	1.00	1.00	1.00
9	14	17	0.81	0.45	0.29	0.17	1.00	1.00	1.00
9	14	18	0.81	0.36	0.03	0.00	1.00	1.00	1.00
9	14	19	0.73	0.39	0.00	0.00	1.00	1.00	1.00
9	14	20	0.65	0.54	0.00	0.00	1.00	1.00	1.00
9	14	21	0.63	0.53	0.00	0.00	1.00	1.00	1.00
9	14	22	0.52	0.52	0.00	0.00	1.00	1.00	1.00
9	14	23	0.37	0.46	0.00	0.00	1.00	1.00	1.00
9	14	24	0.31	0.34	0.00	0.00	1.00	1.00	1.00
9	15	1	0.30	0.25	0.00	0.00	1.00	1.00	1.00
9	15	2	0.35	0.18	0.00	0.00	1.00	1.00	1.00

9	15	3	0.36	0.17	0.00	0.00	1.00	1.00	1.00
9	15	4	0.34	0.11	0.00	0.00	1.00	1.00	1.00
9	15	5	0.31	0.04	0.00	0.01	1.00	1.00	1.00
9	15	6	0.28	0.03	0.00	0.38	1.00	1.00	1.00
9	15	7	0.22	0.01	0.02	0.72	1.00	1.00	1.00
9	15	8	0.14	0.02	0.27	0.90	1.00	1.00	1.00
9	15	9	0.13	0.05	0.51	1.00	1.00	1.00	1.00
9	15	10	0.18	0.09	0.69	1.00	1.00	1.00	1.00
9	15	11	0.35	0.10	0.79	0.99	1.00	1.00	1.00
9	15	12	0.40	0.09	0.84	0.97	1.00	1.00	1.00
9	15	13	0.43	0.09	0.84	0.95	1.00	1.00	1.00
9	15	14	0.49	0.11	0.79	0.88	1.00	1.00	1.00
9	15	15	0.55	0.13	0.69	0.78	1.00	1.00	1.00
9	15	16	0.62	0.13	0.52	0.71	1.00	1.00	1.00
9	15	17	0.72	0.18	0.29	0.30	1.00	1.00	1.00
9	15	18	0.76	0.30	0.02	0.00	1.00	1.00	1.00
9	15	19	0.69	0.48	0.00	0.00	1.00	1.00	1.00
9	15	20	0.68	0.60	0.00	0.00	1.00	1.00	1.00
9	15	21	0.74	0.68	0.00	0.00	1.00	1.00	1.00
9	15	22	0.66	0.68	0.00	0.00	1.00	1.00	1.00
9	15	23	0.50	0.59	0.00	0.00	1.00	1.00	1.00
9	15	24	0.39	0.46	0.00	0.00	1.00	1.00	1.00
9	16	1	0.39	0.25	0.00	0.00	1.00	1.00	1.00
9	16	2	0.41	0.14	0.00	0.00	1.00	1.00	1.00
9	16	3	0.48	0.24	0.00	0.00	1.00	1.00	1.00
9	16	4	0.50	0.36	0.00	0.00	1.00	1.00	1.00
9	16	5	0.46	0.41	0.00	0.00	1.00	1.00	1.00
9	16	6	0.37	0.43	0.00	0.28	1.00	1.00	1.00
9	16	7	0.35	0.34	0.02	0.68	1.00	1.00	1.00
9	16	8	0.33	0.28	0.26	0.90	1.00	1.00	1.00
9	16	9	0.46	0.19	0.51	0.99	1.00	1.00	1.00
9	16	10	0.60	0.09	0.69	0.97	1.00	1.00	1.00
9	16	11	0.70	0.04	0.80	0.92	1.00	1.00	1.00
9	16	12	0.68	0.01	0.85	0.90	1.00	1.00	1.00
9	16	13	0.71	0.00	0.85	0.89	1.00	1.00	1.00
9	16	14	0.80	0.00	0.81	0.94	1.00	1.00	1.00
9	16	15	0.87	0.02	0.70	0.84	1.00	1.00	1.00
9	16	16	0.93	0.04	0.54	0.69	1.00	1.00	1.00
9	16	17	0.96	0.10	0.28	0.27	1.00	1.00	1.00
9	16	18	0.94	0.21	0.02	0.00	1.00	1.00	1.00
9	16	19	0.86	0.39	0.00	0.00	1.00	1.00	1.00
9	16	20	0.68	0.55	0.00	0.00	1.00	1.00	1.00
9	16	21	0.56	0.58	0.00	0.00	1.00	1.00	1.00
9	16	22	0.55	0.60	0.00	0.00	1.00	1.00	1.00
9	16	23	0.52	0.55	0.00	0.00	1.00	1.00	1.00
9	16	24	0.55	0.54	0.00	0.00	1.00	1.00	1.00
9	17	1	0.59	0.52	0.00	0.00	1.00	1.00	1.00
9	17	2	0.63	0.62	0.00	0.00	1.00	1.00	1.00
9	17	3	0.64	0.67	0.00	0.00	1.00	1.00	1.00

9	17	4	0.58	0.65	0.00	0.00	1.00	1.00	1.00
9	17	5	0.55	0.63	0.00	0.00	1.00	1.00	1.00
9	17	6	0.44	0.57	0.00	0.12	1.00	1.00	1.00
9	17	7	0.48	0.41	0.02	0.26	1.00	1.00	1.00
9	17	8	0.48	0.42	0.26	0.30	1.00	1.00	1.00
9	17	9	0.49	0.38	0.52	0.37	1.00	1.00	1.00
9	17	10	0.50	0.35	0.70	0.35	1.00	1.00	1.00
9	17	11	0.43	0.32	0.79	0.37	1.00	1.00	1.00
9	17	12	0.31	0.36	0.85	0.53	1.00	1.00	1.00
9	17	13	0.25	0.46	0.85	0.57	1.00	1.00	1.00
9	17	14	0.24	0.40	0.81	0.63	1.00	1.00	1.00
9	17	15	0.30	0.35	0.71	0.58	1.00	1.00	1.00
9	17	16	0.39	0.31	0.55	0.38	1.00	1.00	1.00
9	17	17	0.56	0.12	0.29	0.17	1.00	1.00	1.00
9	17	18	0.49	0.17	0.02	0.00	1.00	1.00	1.00
9	17	19	0.50	0.17	0.00	0.00	1.00	1.00	1.00
9	17	20	0.50	0.29	0.00	0.00	1.00	1.00	1.00
9	17	21	0.73	0.33	0.00	0.00	1.00	1.00	1.00
9	17	22	0.57	0.34	0.00	0.00	1.00	1.00	1.00
9	17	23	0.53	0.36	0.00	0.00	1.00	1.00	1.00
9	17	24	0.42	0.48	0.00	0.00	1.00	1.00	1.00
9	18	1	0.30	0.54	0.00	0.00	1.00	1.00	1.00
9	18	2	0.15	0.47	0.00	0.00	1.00	1.00	1.00
9	18	3	0.05	0.51	0.00	0.00	1.00	1.00	1.00
9	18	4	0.02	0.52	0.00	0.00	1.00	1.00	1.00
9	18	5	0.00	0.53	0.00	0.00	1.00	1.00	1.00
9	18	6	0.00	0.43	0.00	0.32	1.00	1.00	1.00
9	18	7	0.00	0.26	0.02	0.69	1.00	1.00	1.00
9	18	8	0.00	0.18	0.25	0.90	1.00	1.00	1.00
9	18	9	0.00	0.17	0.50	1.00	1.00	1.00	1.00
9	18	10	0.00	0.16	0.69	1.00	1.00	1.00	1.00
9	18	11	0.00	0.15	0.79	1.00	1.00	1.00	1.00
9	18	12	0.00	0.12	0.85	1.00	1.00	1.00	1.00
9	18	13	0.06	0.12	0.85	0.99	1.00	1.00	1.00
9	18	14	0.17	0.11	0.81	0.98	1.00	1.00	1.00
9	18	15	0.22	0.09	0.71	0.88	1.00	1.00	1.00
9	18	16	0.34	0.08	0.54	0.61	1.00	1.00	1.00
9	18	17	0.50	0.06	0.27	0.33	1.00	1.00	1.00
9	18	18	0.57	0.06	0.02	0.00	1.00	1.00	1.00
9	18	19	0.69	0.05	0.00	0.00	1.00	1.00	1.00
9	18	20	0.71	0.04	0.00	0.00	1.00	1.00	1.00
9	18	21	0.67	0.02	0.00	0.00	1.00	1.00	1.00
9	18	22	0.62	0.01	0.00	0.00	1.00	1.00	1.00
9	18	23	0.61	0.02	0.00	0.00	1.00	1.00	1.00
9	18	24	0.64	0.02	0.00	0.00	1.00	1.00	1.00
9	19	1	0.68	0.06	0.00	0.00	1.00	1.00	1.00
9	19	2	0.73	0.11	0.00	0.00	1.00	1.00	1.00
9	19	3	0.72	0.17	0.00	0.00	1.00	1.00	1.00
9	19	4	0.65	0.18	0.00	0.00	1.00	1.00	1.00

9	19	5	0.54	0.15	0.00	0.00	1.00	1.00	1.00
9	19	6	0.48	0.16	0.00	0.31	1.00	1.00	1.00
9	19	7	0.45	0.15	0.02	0.69	1.00	1.00	1.00
9	19	8	0.49	0.09	0.22	0.89	1.00	1.00	1.00
9	19	9	0.74	0.10	0.42	0.92	1.00	1.00	1.00
9	19	10	0.87	0.07	0.56	0.94	1.00	1.00	1.00
9	19	11	0.89	0.05	0.64	0.84	1.00	1.00	1.00
9	19	12	0.87	0.05	0.68	0.84	1.00	1.00	1.00
9	19	13	0.88	0.11	0.71	0.80	1.00	1.00	1.00
9	19	14	0.90	0.25	0.65	0.83	1.00	1.00	1.00
9	19	15	0.94	0.21	0.56	0.75	1.00	1.00	1.00
9	19	16	0.96	0.25	0.45	0.63	1.00	1.00	1.00
9	19	17	0.96	0.19	0.23	0.30	1.00	1.00	1.00
9	19	18	0.95	0.32	0.02	0.00	1.00	1.00	1.00
9	19	19	0.84	0.51	0.00	0.00	1.00	1.00	1.00
9	19	20	0.69	0.70	0.00	0.00	1.00	1.00	1.00
9	19	21	0.63	0.72	0.00	0.00	1.00	1.00	1.00
9	19	22	0.77	0.70	0.00	0.00	1.00	1.00	1.00
9	19	23	0.85	0.59	0.00	0.00	1.00	1.00	1.00
9	19	24	0.72	0.51	0.00	0.00	1.00	1.00	1.00
9	20	1	0.66	0.46	0.00	0.00	1.00	1.00	1.00
9	20	2	0.59	0.47	0.00	0.00	1.00	1.00	1.00
9	20	3	0.42	0.38	0.00	0.00	1.00	1.00	1.00
9	20	4	0.26	0.19	0.00	0.00	1.00	1.00	1.00
9	20	5	0.17	0.14	0.00	0.00	1.00	1.00	1.00
9	20	6	0.10	0.12	0.00	0.15	1.00	1.00	1.00
9	20	7	0.09	0.04	0.01	0.35	1.00	1.00	1.00
9	20	8	0.23	0.02	0.17	0.59	1.00	1.00	1.00
9	20	9	0.32	0.02	0.34	0.54	1.00	1.00	1.00
9	20	10	0.30	0.03	0.43	0.49	1.00	1.00	1.00
9	20	11	0.28	0.06	0.55	0.36	1.00	1.00	1.00
9	20	12	0.26	0.11	0.57	0.35	1.00	1.00	1.00
9	20	13	0.27	0.27	0.61	0.21	1.00	1.00	1.00
9	20	14	0.28	0.33	0.59	0.08	1.00	1.00	1.00
9	20	15	0.30	0.21	0.50	0.11	1.00	1.00	1.00
9	20	16	0.31	0.39	0.37	0.08	1.00	1.00	1.00
9	20	17	0.30	0.36	0.21	0.04	1.00	1.00	1.00
9	20	18	0.31	0.30	0.02	0.00	1.00	1.00	1.00
9	20	19	0.37	0.28	0.00	0.00	1.00	1.00	1.00
9	20	20	0.38	0.30	0.00	0.00	1.00	1.00	1.00
9	20	21	0.44	0.30	0.00	0.00	1.00	1.00	1.00
9	20	22	0.41	0.24	0.00	0.00	1.00	1.00	1.00
9	20	23	0.30	0.10	0.00	0.00	1.00	1.00	1.00
9	20	24	0.16	0.04	0.00	0.00	1.00	1.00	1.00
9	21	1	0.07	0.07	0.00	0.00	1.00	1.00	1.00
9	21	2	0.00	0.09	0.00	0.00	1.00	1.00	1.00
9	21	3	0.00	0.12	0.00	0.00	1.00	1.00	1.00
9	21	4	0.00	0.21	0.00	0.00	1.00	1.00	1.00
9	21	5	0.00	0.37	0.00	0.00	1.00	1.00	1.00

9	21	6	0.00	0.54	0.00	0.21	1.00	1.00	1.00
9	21	7	0.00	0.53	0.01	0.58	1.00	1.00	1.00
9	21	8	0.00	0.56	0.14	0.85	1.00	1.00	1.00
9	21	9	0.00	0.53	0.27	1.00	1.00	1.00	1.00
9	21	10	0.00	0.43	0.40	1.00	1.00	1.00	1.00
9	21	11	0.01	0.38	0.47	1.00	1.00	1.00	1.00
9	21	12	0.13	0.28	0.51	1.00	1.00	1.00	1.00
9	21	13	0.28	0.18	0.43	1.00	1.00	1.00	1.00
9	21	14	0.32	0.09	0.36	0.99	1.00	1.00	1.00
9	21	15	0.37	0.05	0.29	0.89	1.00	1.00	1.00
9	21	16	0.37	0.06	0.24	0.69	1.00	1.00	1.00
9	21	17	0.49	0.09	0.12	0.31	1.00	1.00	1.00
9	21	18	0.49	0.16	0.01	0.00	1.00	1.00	1.00
9	21	19	0.38	0.17	0.00	0.00	1.00	1.00	1.00
9	21	20	0.36	0.10	0.00	0.00	1.00	1.00	1.00
9	21	21	0.41	0.05	0.00	0.00	1.00	1.00	1.00
9	21	22	0.40	0.06	0.00	0.00	1.00	1.00	1.00
9	21	23	0.31	0.09	0.00	0.00	1.00	1.00	1.00
9	21	24	0.38	0.11	0.00	0.00	1.00	1.00	1.00
9	22	1	0.32	0.15	0.00	0.00	1.00	1.00	1.00
9	22	2	0.27	0.17	0.00	0.00	1.00	1.00	1.00
9	22	3	0.26	0.17	0.00	0.00	1.00	1.00	1.00
9	22	4	0.15	0.15	0.00	0.00	1.00	1.00	1.00
9	22	5	0.08	0.15	0.00	0.00	1.00	1.00	1.00
9	22	6	0.07	0.12	0.00	0.29	1.00	1.00	1.00
9	22	7	0.08	0.03	0.01	0.68	1.00	1.00	1.00
9	22	8	0.16	0.00	0.16	0.90	1.00	1.00	1.00
9	22	9	0.21	0.00	0.29	1.00	1.00	1.00	1.00
9	22	10	0.09	0.00	0.39	1.00	1.00	1.00	1.00
9	22	11	0.22	0.01	0.43	1.00	1.00	1.00	1.00
9	22	12	0.17	0.01	0.41	1.00	1.00	1.00	1.00
9	22	13	0.28	0.02	0.39	0.98	1.00	1.00	1.00
9	22	14	0.40	0.03	0.34	0.97	1.00	1.00	1.00
9	22	15	0.60	0.07	0.34	0.89	1.00	1.00	1.00
9	22	16	0.77	0.12	0.30	0.70	1.00	1.00	1.00
9	22	17	0.74	0.20	0.15	0.28	1.00	1.00	1.00
9	22	18	0.62	0.34	0.01	0.00	1.00	1.00	1.00
9	22	19	0.63	0.52	0.00	0.00	1.00	1.00	1.00
9	22	20	0.61	0.63	0.00	0.00	1.00	1.00	1.00
9	22	21	0.69	0.63	0.00	0.00	1.00	1.00	1.00
9	22	22	0.67	0.61	0.00	0.00	1.00	1.00	1.00
9	22	23	0.63	0.58	0.00	0.00	1.00	1.00	1.00
9	22	24	0.57	0.52	0.00	0.00	1.00	1.00	1.00
9	23	1	0.58	0.48	0.00	0.00	1.00	1.00	1.00
9	23	2	0.60	0.46	0.00	0.00	1.00	1.00	1.00
9	23	3	0.59	0.45	0.00	0.00	1.00	1.00	1.00
9	23	4	0.55	0.40	0.00	0.00	1.00	1.00	1.00
9	23	5	0.50	0.36	0.00	0.00	1.00	1.00	1.00
9	23	6	0.46	0.34	0.00	0.07	1.00	1.00	1.00

9	23	7	0.38	0.32	0.02	0.27	1.00	1.00	1.00
9	23	8	0.46	0.34	0.25	0.50	1.00	1.00	1.00
9	23	9	0.63	0.25	0.48	0.64	1.00	1.00	1.00
9	23	10	0.66	0.25	0.63	0.65	1.00	1.00	1.00
9	23	11	0.54	0.24	0.71	0.61	1.00	1.00	1.00
9	23	12	0.47	0.26	0.76	0.56	1.00	1.00	1.00
9	23	13	0.49	0.30	0.73	0.66	1.00	1.00	1.00
9	23	14	0.49	0.42	0.69	0.49	1.00	1.00	1.00
9	23	15	0.51	0.50	0.63	0.42	1.00	1.00	1.00
9	23	16	0.51	0.38	0.52	0.39	1.00	1.00	1.00
9	23	17	0.52	0.36	0.27	0.13	1.00	1.00	1.00
9	23	18	0.55	0.33	0.02	0.00	1.00	1.00	1.00
9	23	19	0.55	0.31	0.00	0.00	1.00	1.00	1.00
9	23	20	0.55	0.51	0.00	0.00	1.00	1.00	1.00
9	23	21	0.47	0.37	0.00	0.00	1.00	1.00	1.00
9	23	22	0.51	0.32	0.00	0.00	1.00	1.00	1.00
9	23	23	0.43	0.28	0.00	0.00	1.00	1.00	1.00
9	23	24	0.25	0.40	0.00	0.00	1.00	1.00	1.00
9	24	1	0.09	0.47	0.00	0.00	1.00	1.00	1.00
9	24	2	0.00	0.54	0.00	0.00	1.00	1.00	1.00
9	24	3	0.00	0.46	0.00	0.00	1.00	1.00	1.00
9	24	4	0.00	0.42	0.00	0.00	1.00	1.00	1.00
9	24	5	0.00	0.50	0.00	0.00	1.00	1.00	1.00
9	24	6	0.01	0.55	0.00	0.28	1.00	1.00	1.00
9	24	7	0.00	0.52	0.02	0.59	1.00	1.00	1.00
9	24	8	0.03	0.58	0.28	0.76	1.00	1.00	1.00
9	24	9	0.08	0.61	0.52	0.90	1.00	1.00	1.00
9	24	10	0.08	0.60	0.70	0.91	1.00	1.00	1.00
9	24	11	0.08	0.54	0.81	0.99	1.00	1.00	1.00
9	24	12	0.08	0.48	0.86	1.00	1.00	1.00	1.00
9	24	13	0.06	0.43	0.85	1.00	1.00	1.00	1.00
9	24	14	0.05	0.37	0.82	0.86	1.00	1.00	1.00
9	24	15	0.04	0.31	0.72	0.82	1.00	1.00	1.00
9	24	16	0.06	0.24	0.55	0.67	1.00	1.00	1.00
9	24	17	0.09	0.17	0.28	0.23	1.00	1.00	1.00
9	24	18	0.12	0.18	0.02	0.00	1.00	1.00	1.00
9	24	19	0.21	0.19	0.00	0.00	1.00	1.00	1.00
9	24	20	0.25	0.21	0.00	0.00	1.00	1.00	1.00
9	24	21	0.23	0.24	0.00	0.00	1.00	1.00	1.00
9	24	22	0.18	0.22	0.00	0.00	1.00	1.00	1.00
9	24	23	0.17	0.23	0.00	0.00	1.00	1.00	1.00
9	24	24	0.12	0.21	0.00	0.00	1.00	1.00	1.00
9	25	1	0.09	0.18	0.00	0.00	1.00	1.00	1.00
9	25	2	0.06	0.15	0.00	0.00	1.00	1.00	1.00
9	25	3	0.04	0.11	0.00	0.00	1.00	1.00	1.00
9	25	4	0.02	0.09	0.00	0.00	1.00	1.00	1.00
9	25	5	0.02	0.06	0.00	0.00	1.00	1.00	1.00
9	25	6	0.03	0.07	0.00	0.26	1.00	1.00	1.00
9	25	7	0.03	0.02	0.02	0.70	1.00	1.00	1.00

9	25	8	0.00	0.00	0.27	0.90	1.00	1.00	1.00
9	25	9	0.00	0.00	0.52	0.99	1.00	1.00	1.00
9	25	10	0.00	0.01	0.69	1.00	1.00	1.00	1.00
9	25	11	0.00	0.00	0.79	1.00	1.00	1.00	1.00
9	25	12	0.00	0.00	0.84	1.00	1.00	1.00	1.00
9	25	13	0.00	0.00	0.83	1.00	1.00	1.00	1.00
9	25	14	0.00	0.00	0.80	0.96	1.00	1.00	1.00
9	25	15	0.00	0.00	0.71	0.85	1.00	1.00	1.00
9	25	16	0.00	0.00	0.54	0.59	1.00	1.00	1.00
9	25	17	0.00	0.01	0.27	0.17	1.00	1.00	1.00
9	25	18	0.00	0.06	0.01	0.00	1.00	1.00	1.00
9	25	19	0.01	0.09	0.00	0.00	1.00	1.00	1.00
9	25	20	0.02	0.07	0.00	0.00	1.00	1.00	1.00
9	25	21	0.01	0.08	0.00	0.00	1.00	1.00	1.00
9	25	22	0.01	0.10	0.00	0.00	1.00	1.00	1.00
9	25	23	0.00	0.12	0.00	0.00	1.00	1.00	1.00
9	25	24	0.00	0.12	0.00	0.00	1.00	1.00	1.00
9	26	1	0.01	0.11	0.00	0.00	1.00	1.00	1.00
9	26	2	0.02	0.07	0.00	0.00	1.00	1.00	1.00
9	26	3	0.02	0.07	0.00	0.00	1.00	1.00	1.00
9	26	4	0.03	0.07	0.00	0.00	1.00	1.00	1.00
9	26	5	0.05	0.04	0.00	0.00	1.00	1.00	1.00
9	26	6	0.07	0.01	0.00	0.24	1.00	1.00	1.00
9	26	7	0.06	0.01	0.02	0.68	1.00	1.00	1.00
9	26	8	0.03	0.01	0.27	0.86	1.00	1.00	1.00
9	26	9	0.01	0.01	0.52	0.99	1.00	1.00	1.00
9	26	10	0.03	0.03	0.69	1.00	1.00	1.00	1.00
9	26	11	0.04	0.06	0.78	1.00	1.00	1.00	1.00
9	26	12	0.04	0.09	0.83	0.95	1.00	1.00	1.00
9	26	13	0.05	0.11	0.81	0.82	1.00	1.00	1.00
9	26	14	0.07	0.12	0.78	0.74	1.00	1.00	1.00
9	26	15	0.06	0.20	0.69	0.76	1.00	1.00	1.00
9	26	16	0.06	0.19	0.52	0.60	1.00	1.00	1.00
9	26	17	0.05	0.13	0.26	0.21	1.00	1.00	1.00
9	26	18	0.06	0.09	0.01	0.00	1.00	1.00	1.00
9	26	19	0.06	0.10	0.00	0.00	1.00	1.00	1.00
9	26	20	0.05	0.13	0.00	0.00	1.00	1.00	1.00
9	26	21	0.02	0.18	0.00	0.00	1.00	1.00	1.00
9	26	22	0.00	0.22	0.00	0.00	1.00	1.00	1.00
9	26	23	0.00	0.29	0.00	0.00	1.00	1.00	1.00
9	26	24	0.00	0.43	0.00	0.00	1.00	1.00	1.00
9	27	1	0.00	0.46	0.00	0.00	1.00	1.00	1.00
9	27	2	0.00	0.40	0.00	0.00	1.00	1.00	1.00
9	27	3	0.00	0.23	0.00	0.00	1.00	1.00	1.00
9	27	4	0.00	0.18	0.00	0.00	1.00	1.00	1.00
9	27	5	0.00	0.08	0.00	0.00	1.00	1.00	1.00
9	27	6	0.00	0.03	0.00	0.27	1.00	1.00	1.00
9	27	7	0.00	0.00	0.02	0.66	1.00	1.00	1.00
9	27	8	0.00	0.00	0.23	0.89	1.00	1.00	1.00

9	27	9	0.00	0.00	0.44	0.98	1.00	1.00	1.00
9	27	10	0.00	0.00	0.58	0.99	1.00	1.00	1.00
9	27	11	0.00	0.00	0.64	0.93	1.00	1.00	1.00
9	27	12	0.00	0.00	0.71	0.99	1.00	1.00	1.00
9	27	13	0.00	0.00	0.70	0.94	1.00	1.00	1.00
9	27	14	0.00	0.00	0.62	0.89	1.00	1.00	1.00
9	27	15	0.03	0.00	0.53	0.77	1.00	1.00	1.00
9	27	16	0.07	0.00	0.36	0.58	1.00	1.00	1.00
9	27	17	0.14	0.05	0.17	0.13	1.00	1.00	1.00
9	27	18	0.26	0.12	0.01	0.00	1.00	1.00	1.00
9	27	19	0.27	0.16	0.00	0.00	1.00	1.00	1.00
9	27	20	0.18	0.17	0.00	0.00	1.00	1.00	1.00
9	27	21	0.20	0.20	0.00	0.00	1.00	1.00	1.00
9	27	22	0.23	0.21	0.00	0.00	1.00	1.00	1.00
9	27	23	0.28	0.21	0.00	0.00	1.00	1.00	1.00
9	27	24	0.31	0.21	0.00	0.00	1.00	1.00	1.00
9	28	1	0.31	0.18	0.00	0.00	1.00	1.00	1.00
9	28	2	0.39	0.14	0.00	0.00	1.00	1.00	1.00
9	28	3	0.46	0.10	0.00	0.00	1.00	1.00	1.00
9	28	4	0.52	0.04	0.00	0.00	1.00	1.00	1.00
9	28	5	0.55	0.03	0.00	0.00	1.00	1.00	1.00
9	28	6	0.49	0.02	0.00	0.20	1.00	1.00	1.00
9	28	7	0.44	0.02	0.01	0.53	1.00	1.00	1.00
9	28	8	0.41	0.02	0.20	0.62	1.00	1.00	1.00
9	28	9	0.46	0.04	0.39	0.76	1.00	1.00	1.00
9	28	10	0.60	0.14	0.53	0.81	1.00	1.00	1.00
9	28	11	0.67	0.31	0.60	0.82	1.00	1.00	1.00
9	28	12	0.67	0.39	0.64	0.83	1.00	1.00	1.00
9	28	13	0.71	0.43	0.59	0.68	1.00	1.00	1.00
9	28	14	0.80	0.60	0.56	0.65	1.00	1.00	1.00
9	28	15	0.87	0.76	0.47	0.51	1.00	1.00	1.00
9	28	16	0.92	0.82	0.37	0.31	1.00	1.00	1.00
9	28	17	0.94	0.89	0.18	0.08	1.00	1.00	1.00
9	28	18	0.92	0.77	0.01	0.00	1.00	1.00	1.00
9	28	19	0.84	0.82	0.00	0.00	1.00	1.00	1.00
9	28	20	0.74	0.85	0.00	0.00	1.00	1.00	1.00
9	28	21	0.63	0.88	0.00	0.00	1.00	1.00	1.00
9	28	22	0.54	0.86	0.00	0.00	1.00	1.00	1.00
9	28	23	0.54	0.53	0.00	0.00	1.00	1.00	1.00
9	28	24	0.55	0.48	0.00	0.00	1.00	1.00	1.00
9	29	1	0.55	0.46	0.00	0.00	1.00	1.00	1.00
9	29	2	0.52	0.41	0.00	0.00	1.00	1.00	1.00
9	29	3	0.51	0.42	0.00	0.00	1.00	1.00	1.00
9	29	4	0.48	0.45	0.00	0.00	1.00	1.00	1.00
9	29	5	0.58	0.40	0.00	0.00	1.00	1.00	1.00
9	29	6	0.55	0.31	0.00	0.23	1.00	1.00	1.00
9	29	7	0.59	0.32	0.02	0.54	1.00	1.00	1.00
9	29	8	0.69	0.42	0.25	0.65	1.00	1.00	1.00
9	29	9	0.65	0.52	0.50	0.84	1.00	1.00	1.00

9	29	10	0.30	0.62	0.67	0.84	1.00	1.00	1.00
9	29	11	0.12	0.70	0.77	0.86	1.00	1.00	1.00
9	29	12	0.04	0.69	0.83	0.66	1.00	1.00	1.00
9	29	13	0.07	0.60	0.81	0.65	1.00	1.00	1.00
9	29	14	0.10	0.78	0.80	0.62	1.00	1.00	1.00
9	29	15	0.10	0.57	0.71	0.53	1.00	1.00	1.00
9	29	16	0.12	0.74	0.53	0.48	1.00	1.00	1.00
9	29	17	0.11	0.51	0.25	0.13	1.00	1.00	1.00
9	29	18	0.08	0.60	0.01	0.00	1.00	1.00	1.00
9	29	19	0.10	0.81	0.00	0.00	1.00	1.00	1.00
9	29	20	0.08	0.72	0.00	0.00	1.00	1.00	1.00
9	29	21	0.06	0.67	0.00	0.00	1.00	1.00	1.00
9	29	22	0.06	0.61	0.00	0.00	1.00	1.00	1.00
9	29	23	0.08	0.57	0.00	0.00	1.00	1.00	1.00
9	29	24	0.08	0.48	0.00	0.00	1.00	1.00	1.00
9	30	1	0.06	0.43	0.00	0.00	1.00	1.00	1.00
9	30	2	0.06	0.31	0.00	0.00	1.00	1.00	1.00
9	30	3	0.05	0.33	0.00	0.00	1.00	1.00	1.00
9	30	4	0.04	0.50	0.00	0.00	1.00	1.00	1.00
9	30	5	0.02	0.64	0.00	0.00	1.00	1.00	1.00
9	30	6	0.00	0.75	0.00	0.25	1.00	1.00	1.00
9	30	7	0.00	0.61	0.02	0.67	1.00	1.00	1.00
9	30	8	0.00	0.38	0.27	0.89	1.00	1.00	1.00
9	30	9	0.00	0.39	0.52	0.98	1.00	1.00	1.00
9	30	10	0.00	0.41	0.69	1.00	1.00	1.00	1.00
9	30	11	0.00	0.43	0.79	1.00	1.00	1.00	1.00
9	30	12	0.00	0.40	0.82	0.99	1.00	1.00	1.00
9	30	13	0.00	0.35	0.77	0.99	1.00	1.00	1.00
9	30	14	0.04	0.26	0.77	0.95	1.00	1.00	1.00
9	30	15	0.08	0.21	0.67	0.84	1.00	1.00	1.00
9	30	16	0.09	0.18	0.51	0.60	1.00	1.00	1.00
9	30	17	0.07	0.25	0.23	0.17	1.00	1.00	1.00
9	30	18	0.12	0.30	0.01	0.00	1.00	1.00	1.00
9	30	19	0.15	0.19	0.00	0.00	1.00	1.00	1.00
9	30	20	0.08	0.11	0.00	0.00	1.00	1.00	1.00
9	30	21	0.11	0.07	0.00	0.00	1.00	1.00	1.00
9	30	22	0.18	0.02	0.00	0.00	1.00	1.00	1.00
9	30	23	0.28	0.01	0.00	0.00	1.00	1.00	1.00
9	30	24	0.30	0.03	0.00	0.00	1.00	1.00	1.00
10	1	1	0.28	0.04	0.00	0.00	1.00	1.00	1.00
10	1	2	0.22	0.02	0.00	0.00	1.00	1.00	1.00
10	1	3	0.24	0.01	0.00	0.00	1.00	1.00	1.00
10	1	4	0.24	0.02	0.00	0.00	1.00	1.00	1.00
10	1	5	0.19	0.03	0.00	0.00	1.00	1.00	1.00
10	1	6	0.18	0.02	0.00	0.10	1.00	1.00	1.00
10	1	7	0.25	0.01	0.01	0.32	1.00	1.00	1.00
10	1	8	0.31	0.00	0.21	0.59	1.00	1.00	1.00
10	1	9	0.35	0.00	0.44	0.69	1.00	1.00	1.00
10	1	10	0.44	0.04	0.60	0.69	1.00	1.00	1.00

10	1	11	0.49	0.10	0.71	0.63	1.00	1.00	1.00
10	1	12	0.56	0.12	0.79	0.51	1.00	1.00	1.00
10	1	13	0.61	0.16	0.79	0.36	1.00	1.00	1.00
10	1	14	0.72	0.19	0.74	0.30	1.00	1.00	1.00
10	1	15	0.78	0.25	0.67	0.23	1.00	1.00	1.00
10	1	16	0.77	0.27	0.50	0.19	1.00	1.00	1.00
10	1	17	0.76	0.30	0.23	0.04	1.00	1.00	1.00
10	1	18	0.70	0.31	0.01	0.00	1.00	1.00	1.00
10	1	19	0.69	0.43	0.00	0.00	1.00	1.00	1.00
10	1	20	0.53	0.39	0.00	0.00	1.00	1.00	1.00
10	1	21	0.57	0.34	0.00	0.00	1.00	1.00	1.00
10	1	22	0.53	0.20	0.00	0.00	1.00	1.00	1.00
10	1	23	0.44	0.25	0.00	0.00	1.00	1.00	1.00
10	1	24	0.39	0.35	0.00	0.00	1.00	1.00	1.00
10	2	1	0.35	0.41	0.00	0.00	1.00	1.00	1.00
10	2	2	0.32	0.54	0.00	0.00	1.00	1.00	1.00
10	2	3	0.29	0.64	0.00	0.00	1.00	1.00	1.00
10	2	4	0.25	0.67	0.00	0.00	1.00	1.00	1.00
10	2	5	0.20	0.71	0.00	0.00	1.00	1.00	1.00
10	2	6	0.16	0.77	0.00	0.11	1.00	1.00	1.00
10	2	7	0.09	0.72	0.02	0.60	1.00	1.00	1.00
10	2	8	0.04	0.64	0.28	0.70	1.00	1.00	1.00
10	2	9	0.01	0.60	0.54	0.74	1.00	1.00	1.00
10	2	10	0.00	0.54	0.72	0.95	1.00	1.00	1.00
10	2	11	0.00	0.48	0.83	0.89	1.00	1.00	1.00
10	2	12	0.00	0.44	0.87	0.78	1.00	1.00	1.00
10	2	13	0.00	0.44	0.84	0.80	1.00	1.00	1.00
10	2	14	0.00	0.42	0.82	0.77	1.00	1.00	1.00
10	2	15	0.00	0.38	0.71	0.75	1.00	1.00	1.00
10	2	16	0.00	0.38	0.52	0.54	1.00	1.00	1.00
10	2	17	0.00	0.40	0.22	0.16	1.00	1.00	1.00
10	2	18	0.00	0.42	0.00	0.00	1.00	1.00	1.00
10	2	19	0.00	0.43	0.00	0.00	1.00	1.00	1.00
10	2	20	0.00	0.42	0.00	0.00	1.00	1.00	1.00
10	2	21	0.00	0.36	0.00	0.00	1.00	1.00	1.00
10	2	22	0.01	0.25	0.00	0.00	1.00	1.00	1.00
10	2	23	0.06	0.12	0.00	0.00	1.00	1.00	1.00
10	2	24	0.09	0.09	0.00	0.00	1.00	1.00	1.00
10	3	1	0.09	0.10	0.00	0.00	1.00	1.00	1.00
10	3	2	0.10	0.11	0.00	0.00	1.00	1.00	1.00
10	3	3	0.18	0.06	0.00	0.00	1.00	1.00	1.00
10	3	4	0.17	0.01	0.00	0.00	1.00	1.00	1.00
10	3	5	0.13	0.00	0.00	0.00	1.00	1.00	1.00
10	3	6	0.10	0.00	0.00	0.25	1.00	1.00	1.00
10	3	7	0.10	0.00	0.02	0.73	1.00	1.00	1.00
10	3	8	0.07	0.00	0.28	0.93	1.00	1.00	1.00
10	3	9	0.07	0.00	0.53	1.00	1.00	1.00	1.00
10	3	10	0.18	0.00	0.70	1.00	1.00	1.00	1.00
10	3	11	0.30	0.00	0.80	1.00	1.00	1.00	1.00

10	3	12	0.44	0.05	0.84	1.00	1.00	1.00	1.00
10	3	13	0.57	0.13	0.81	1.00	1.00	1.00	1.00
10	3	14	0.66	0.19	0.79	0.95	1.00	1.00	1.00
10	3	15	0.74	0.23	0.69	0.85	1.00	1.00	1.00
10	3	16	0.84	0.26	0.50	0.65	1.00	1.00	1.00
10	3	17	0.89	0.28	0.22	0.16	1.00	1.00	1.00
10	3	18	0.91	0.36	0.00	0.00	1.00	1.00	1.00
10	3	19	0.82	0.36	0.00	0.00	1.00	1.00	1.00
10	3	20	0.77	0.31	0.00	0.00	1.00	1.00	1.00
10	3	21	0.73	0.30	0.00	0.00	1.00	1.00	1.00
10	3	22	0.73	0.32	0.00	0.00	1.00	1.00	1.00
10	3	23	0.72	0.39	0.00	0.00	1.00	1.00	1.00
10	3	24	0.59	0.48	0.00	0.00	1.00	1.00	1.00
10	4	1	0.56	0.57	0.00	0.00	1.00	1.00	1.00
10	4	2	0.52	0.65	0.00	0.00	1.00	1.00	1.00
10	4	3	0.51	0.72	0.00	0.00	1.00	1.00	1.00
10	4	4	0.55	0.75	0.00	0.00	1.00	1.00	1.00
10	4	5	0.65	0.71	0.00	0.00	1.00	1.00	1.00
10	4	6	0.64	0.64	0.00	0.22	1.00	1.00	1.00
10	4	7	0.69	0.53	0.02	0.69	1.00	1.00	1.00
10	4	8	0.74	0.40	0.27	0.90	1.00	1.00	1.00
10	4	9	0.80	0.44	0.53	0.96	1.00	1.00	1.00
10	4	10	0.86	0.43	0.71	0.93	1.00	1.00	1.00
10	4	11	0.91	0.39	0.80	0.99	1.00	1.00	1.00
10	4	12	0.91	0.34	0.84	0.98	1.00	1.00	1.00
10	4	13	0.96	0.29	0.79	0.95	1.00	1.00	1.00
10	4	14	0.98	0.25	0.76	0.93	1.00	1.00	1.00
10	4	15	0.98	0.21	0.67	0.78	1.00	1.00	1.00
10	4	16	0.99	0.17	0.47	0.55	1.00	1.00	1.00
10	4	17	0.99	0.10	0.19	0.13	1.00	1.00	1.00
10	4	18	0.99	0.09	0.00	0.00	1.00	1.00	1.00
10	4	19	0.98	0.24	0.00	0.00	1.00	1.00	1.00
10	4	20	0.95	0.37	0.00	0.00	1.00	1.00	1.00
10	4	21	0.93	0.43	0.00	0.00	1.00	1.00	1.00
10	4	22	0.86	0.49	0.00	0.00	1.00	1.00	1.00
10	4	23	0.86	0.49	0.00	0.00	1.00	1.00	1.00
10	4	24	0.94	0.45	0.00	0.00	1.00	1.00	1.00
10	5	1	0.94	0.39	0.00	0.00	1.00	1.00	1.00
10	5	2	0.95	0.44	0.00	0.00	1.00	1.00	1.00
10	5	3	0.91	0.52	0.00	0.00	1.00	1.00	1.00
10	5	4	0.86	0.60	0.00	0.00	1.00	1.00	1.00
10	5	5	0.80	0.61	0.00	0.00	1.00	1.00	1.00
10	5	6	0.78	0.52	0.00	0.22	1.00	1.00	1.00
10	5	7	0.76	0.35	0.02	0.67	1.00	1.00	1.00
10	5	8	0.74	0.28	0.22	0.90	1.00	1.00	1.00
10	5	9	0.78	0.30	0.45	1.00	1.00	1.00	1.00
10	5	10	0.79	0.37	0.61	1.00	1.00	1.00	1.00
10	5	11	0.83	0.37	0.69	1.00	1.00	1.00	1.00
10	5	12	0.85	0.40	0.70	0.97	1.00	1.00	1.00

10	5	13	0.88	0.43	0.62	0.85	1.00	1.00	1.00
10	5	14	0.88	0.47	0.64	0.87	1.00	1.00	1.00
10	5	15	0.89	0.52	0.54	0.75	1.00	1.00	1.00
10	5	16	0.90	0.50	0.40	0.45	1.00	1.00	1.00
10	5	17	0.90	0.42	0.16	0.08	1.00	1.00	1.00
10	5	18	0.92	0.43	0.00	0.00	1.00	1.00	1.00
10	5	19	0.92	0.55	0.00	0.00	1.00	1.00	1.00
10	5	20	0.78	0.64	0.00	0.00	1.00	1.00	1.00
10	5	21	0.77	0.71	0.00	0.00	1.00	1.00	1.00
10	5	22	0.78	0.58	0.00	0.00	1.00	1.00	1.00
10	5	23	0.80	0.49	0.00	0.00	1.00	1.00	1.00
10	5	24	0.82	0.50	0.00	0.00	1.00	1.00	1.00
10	6	1	0.81	0.53	0.00	0.00	1.00	1.00	1.00
10	6	2	0.70	0.60	0.00	0.00	1.00	1.00	1.00
10	6	3	0.55	0.62	0.00	0.00	1.00	1.00	1.00
10	6	4	0.46	0.61	0.00	0.00	1.00	1.00	1.00
10	6	5	0.34	0.58	0.00	0.00	1.00	1.00	1.00
10	6	6	0.18	0.63	0.00	0.18	1.00	1.00	1.00
10	6	7	0.05	0.56	0.02	0.65	1.00	1.00	1.00
10	6	8	0.01	0.52	0.28	0.86	1.00	1.00	1.00
10	6	9	0.00	0.59	0.55	1.00	1.00	1.00	1.00
10	6	10	0.01	0.63	0.75	1.00	1.00	1.00	1.00
10	6	11	0.06	0.62	0.86	1.00	1.00	1.00	1.00
10	6	12	0.06	0.59	0.91	1.00	1.00	1.00	1.00
10	6	13	0.05	0.58	0.92	1.00	1.00	1.00	1.00
10	6	14	0.03	0.58	0.85	0.99	1.00	1.00	1.00
10	6	15	0.06	0.59	0.74	0.89	1.00	1.00	1.00
10	6	16	0.14	0.61	0.52	0.62	1.00	1.00	1.00
10	6	17	0.20	0.52	0.20	0.11	1.00	1.00	1.00
10	6	18	0.22	0.48	0.00	0.00	1.00	1.00	1.00
10	6	19	0.21	0.54	0.00	0.00	1.00	1.00	1.00
10	6	20	0.22	0.59	0.00	0.00	1.00	1.00	1.00
10	6	21	0.22	0.49	0.00	0.00	1.00	1.00	1.00
10	6	22	0.18	0.40	0.00	0.00	1.00	1.00	1.00
10	6	23	0.20	0.48	0.00	0.00	1.00	1.00	1.00
10	6	24	0.22	0.51	0.00	0.00	1.00	1.00	1.00
10	7	1	0.19	0.49	0.00	0.00	1.00	1.00	1.00
10	7	2	0.16	0.47	0.00	0.00	1.00	1.00	1.00
10	7	3	0.11	0.47	0.00	0.00	1.00	1.00	1.00
10	7	4	0.08	0.46	0.00	0.00	1.00	1.00	1.00
10	7	5	0.07	0.38	0.00	0.00	1.00	1.00	1.00
10	7	6	0.06	0.34	0.00	0.23	1.00	1.00	1.00
10	7	7	0.07	0.30	0.02	0.72	1.00	1.00	1.00
10	7	8	0.07	0.25	0.29	0.93	1.00	1.00	1.00
10	7	9	0.07	0.30	0.55	1.00	1.00	1.00	1.00
10	7	10	0.08	0.34	0.74	1.00	1.00	1.00	1.00
10	7	11	0.10	0.42	0.85	1.00	1.00	1.00	1.00
10	7	12	0.09	0.48	0.89	1.00	1.00	1.00	1.00
10	7	13	0.07	0.52	0.90	1.00	1.00	1.00	1.00

10	7	14	0.05	0.56	0.84	1.00	1.00	1.00	1.00
10	7	15	0.05	0.57	0.71	0.91	1.00	1.00	1.00
10	7	16	0.05	0.59	0.51	0.61	1.00	1.00	1.00
10	7	17	0.06	0.51	0.18	0.09	1.00	1.00	1.00
10	7	18	0.09	0.46	0.00	0.00	1.00	1.00	1.00
10	7	19	0.13	0.37	0.00	0.00	1.00	1.00	1.00
10	7	20	0.13	0.41	0.00	0.00	1.00	1.00	1.00
10	7	21	0.10	0.59	0.00	0.00	1.00	1.00	1.00
10	7	22	0.07	0.55	0.00	0.00	1.00	1.00	1.00
10	7	23	0.05	0.36	0.00	0.00	1.00	1.00	1.00
10	7	24	0.03	0.24	0.00	0.00	1.00	1.00	1.00
10	8	1	0.04	0.13	0.00	0.00	1.00	1.00	1.00
10	8	2	0.05	0.05	0.00	0.00	1.00	1.00	1.00
10	8	3	0.06	0.00	0.00	0.00	1.00	1.00	1.00
10	8	4	0.06	0.00	0.00	0.00	1.00	1.00	1.00
10	8	5	0.05	0.07	0.00	0.00	1.00	1.00	1.00
10	8	6	0.02	0.28	0.00	0.21	1.00	1.00	1.00
10	8	7	0.00	0.14	0.02	0.72	1.00	1.00	1.00
10	8	8	0.00	0.07	0.29	0.95	1.00	1.00	1.00
10	8	9	0.00	0.07	0.54	1.00	1.00	1.00	1.00
10	8	10	0.00	0.05	0.72	1.00	1.00	1.00	1.00
10	8	11	0.01	0.05	0.82	1.00	1.00	1.00	1.00
10	8	12	0.00	0.04	0.87	1.00	1.00	1.00	1.00
10	8	13	0.01	0.02	0.87	1.00	1.00	1.00	1.00
10	8	14	0.03	0.02	0.81	1.00	1.00	1.00	1.00
10	8	15	0.02	0.02	0.70	0.90	1.00	1.00	1.00
10	8	16	0.01	0.03	0.50	0.61	1.00	1.00	1.00
10	8	17	0.03	0.05	0.17	0.10	1.00	1.00	1.00
10	8	18	0.07	0.07	0.00	0.00	1.00	1.00	1.00
10	8	19	0.03	0.07	0.00	0.00	1.00	1.00	1.00
10	8	20	0.00	0.07	0.00	0.00	1.00	1.00	1.00
10	8	21	0.00	0.07	0.00	0.00	1.00	1.00	1.00
10	8	22	0.00	0.03	0.00	0.00	1.00	1.00	1.00
10	8	23	0.00	0.01	0.00	0.00	1.00	1.00	1.00
10	8	24	0.00	0.01	0.00	0.00	1.00	1.00	1.00
10	9	1	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	9	2	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	9	3	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	9	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	9	5	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	9	6	0.00	0.00	0.00	0.16	1.00	1.00	1.00
10	9	7	0.00	0.00	0.02	0.53	1.00	1.00	1.00
10	9	8	0.00	0.00	0.27	0.74	1.00	1.00	1.00
10	9	9	0.00	0.00	0.52	0.88	1.00	1.00	1.00
10	9	10	0.00	0.00	0.69	0.98	1.00	1.00	1.00
10	9	11	0.00	0.00	0.80	1.00	1.00	1.00	1.00
10	9	12	0.01	0.00	0.84	1.00	1.00	1.00	1.00
10	9	13	0.11	0.01	0.85	1.00	1.00	1.00	1.00
10	9	14	0.21	0.02	0.75	1.00	1.00	1.00	1.00

10	9	15	0.34	0.03	0.63	0.89	1.00	1.00	1.00
10	9	16	0.42	0.04	0.42	0.63	1.00	1.00	1.00
10	9	17	0.46	0.05	0.13	0.10	1.00	1.00	1.00
10	9	18	0.46	0.10	0.00	0.00	1.00	1.00	1.00
10	9	19	0.34	0.15	0.00	0.00	1.00	1.00	1.00
10	9	20	0.31	0.19	0.00	0.00	1.00	1.00	1.00
10	9	21	0.37	0.21	0.00	0.00	1.00	1.00	1.00
10	9	22	0.26	0.20	0.00	0.00	1.00	1.00	1.00
10	9	23	0.28	0.14	0.00	0.00	1.00	1.00	1.00
10	9	24	0.43	0.11	0.00	0.00	1.00	1.00	1.00
10	10	1	0.41	0.09	0.00	0.00	1.00	1.00	1.00
10	10	2	0.41	0.10	0.00	0.00	1.00	1.00	1.00
10	10	3	0.48	0.14	0.00	0.00	1.00	1.00	1.00
10	10	4	0.47	0.23	0.00	0.00	1.00	1.00	1.00
10	10	5	0.44	0.22	0.00	0.00	1.00	1.00	1.00
10	10	6	0.45	0.16	0.00	0.11	1.00	1.00	1.00
10	10	7	0.56	0.08	0.02	0.56	1.00	1.00	1.00
10	10	8	0.73	0.02	0.25	0.78	1.00	1.00	1.00
10	10	9	0.75	0.02	0.47	0.98	1.00	1.00	1.00
10	10	10	0.76	0.02	0.64	0.94	1.00	1.00	1.00
10	10	11	0.80	0.02	0.75	0.81	1.00	1.00	1.00
10	10	12	0.86	0.03	0.80	0.80	1.00	1.00	1.00
10	10	13	0.87	0.04	0.81	0.74	1.00	1.00	1.00
10	10	14	0.88	0.04	0.74	0.48	1.00	1.00	1.00
10	10	15	0.87	0.11	0.63	0.40	1.00	1.00	1.00
10	10	16	0.86	0.11	0.45	0.26	1.00	1.00	1.00
10	10	17	0.80	0.21	0.13	0.03	1.00	1.00	1.00
10	10	18	0.65	0.32	0.00	0.00	1.00	1.00	1.00
10	10	19	0.50	0.27	0.00	0.00	1.00	1.00	1.00
10	10	20	0.34	0.27	0.00	0.00	1.00	1.00	1.00
10	10	21	0.28	0.30	0.00	0.00	1.00	1.00	1.00
10	10	22	0.29	0.28	0.00	0.00	1.00	1.00	1.00
10	10	23	0.25	0.24	0.00	0.00	1.00	1.00	1.00
10	10	24	0.21	0.15	0.00	0.00	1.00	1.00	1.00
10	11	1	0.26	0.12	0.00	0.00	1.00	1.00	1.00
10	11	2	0.29	0.16	0.00	0.00	1.00	1.00	1.00
10	11	3	0.26	0.26	0.00	0.00	1.00	1.00	1.00
10	11	4	0.21	0.39	0.00	0.00	1.00	1.00	1.00
10	11	5	0.18	0.42	0.00	0.00	1.00	1.00	1.00
10	11	6	0.12	0.35	0.00	0.18	1.00	1.00	1.00
10	11	7	0.05	0.25	0.02	0.69	1.00	1.00	1.00
10	11	8	0.02	0.15	0.26	0.91	1.00	1.00	1.00
10	11	9	0.00	0.10	0.50	1.00	1.00	1.00	1.00
10	11	10	0.00	0.08	0.65	1.00	1.00	1.00	1.00
10	11	11	0.00	0.06	0.70	1.00	1.00	1.00	1.00
10	11	12	0.00	0.05	0.79	0.99	1.00	1.00	1.00
10	11	13	0.00	0.05	0.81	1.00	1.00	1.00	1.00
10	11	14	0.00	0.07	0.68	0.96	1.00	1.00	1.00
10	11	15	0.00	0.07	0.57	0.77	1.00	1.00	1.00

10	11	16	0.00	0.07	0.38	0.54	1.00	1.00	1.00
10	11	17	0.00	0.11	0.11	0.07	1.00	1.00	1.00
10	11	18	0.00	0.15	0.00	0.00	1.00	1.00	1.00
10	11	19	0.04	0.19	0.00	0.00	1.00	1.00	1.00
10	11	20	0.06	0.17	0.00	0.00	1.00	1.00	1.00
10	11	21	0.11	0.21	0.00	0.00	1.00	1.00	1.00
10	11	22	0.21	0.20	0.00	0.00	1.00	1.00	1.00
10	11	23	0.19	0.12	0.00	0.00	1.00	1.00	1.00
10	11	24	0.11	0.15	0.00	0.00	1.00	1.00	1.00
10	12	1	0.10	0.28	0.00	0.00	1.00	1.00	1.00
10	12	2	0.16	0.32	0.00	0.00	1.00	1.00	1.00
10	12	3	0.18	0.43	0.00	0.00	1.00	1.00	1.00
10	12	4	0.22	0.44	0.00	0.00	1.00	1.00	1.00
10	12	5	0.22	0.49	0.00	0.00	1.00	1.00	1.00
10	12	6	0.23	0.51	0.00	0.17	1.00	1.00	1.00
10	12	7	0.31	0.39	0.01	0.60	1.00	1.00	1.00
10	12	8	0.34	0.22	0.16	0.85	1.00	1.00	1.00
10	12	9	0.37	0.19	0.35	0.98	1.00	1.00	1.00
10	12	10	0.44	0.23	0.44	1.00	1.00	1.00	1.00
10	12	11	0.45	0.35	0.50	1.00	1.00	1.00	1.00
10	12	12	0.48	0.38	0.53	1.00	1.00	1.00	1.00
10	12	13	0.57	0.42	0.54	0.97	1.00	1.00	1.00
10	12	14	0.71	0.43	0.49	0.92	1.00	1.00	1.00
10	12	15	0.83	0.46	0.41	0.84	1.00	1.00	1.00
10	12	16	0.81	0.51	0.27	0.54	1.00	1.00	1.00
10	12	17	0.77	0.44	0.06	0.08	1.00	1.00	1.00
10	12	18	0.77	0.47	0.00	0.00	1.00	1.00	1.00
10	12	19	0.65	0.53	0.00	0.00	1.00	1.00	1.00
10	12	20	0.52	0.61	0.00	0.00	1.00	1.00	1.00
10	12	21	0.53	0.76	0.00	0.00	1.00	1.00	1.00
10	12	22	0.51	0.70	0.00	0.00	1.00	1.00	1.00
10	12	23	0.46	0.63	0.00	0.00	1.00	1.00	1.00
10	12	24	0.41	0.60	0.00	0.00	1.00	1.00	1.00
10	13	1	0.37	0.52	0.00	0.00	1.00	1.00	1.00
10	13	2	0.38	0.47	0.00	0.00	1.00	1.00	1.00
10	13	3	0.36	0.34	0.00	0.00	1.00	1.00	1.00
10	13	4	0.35	0.21	0.00	0.00	1.00	1.00	1.00
10	13	5	0.26	0.16	0.00	0.00	1.00	1.00	1.00
10	13	6	0.23	0.16	0.00	0.16	1.00	1.00	1.00
10	13	7	0.25	0.19	0.02	0.60	1.00	1.00	1.00
10	13	8	0.25	0.20	0.24	0.84	1.00	1.00	1.00
10	13	9	0.22	0.32	0.46	0.95	1.00	1.00	1.00
10	13	10	0.17	0.46	0.62	1.00	1.00	1.00	1.00
10	13	11	0.11	0.54	0.73	1.00	1.00	1.00	1.00
10	13	12	0.05	0.61	0.81	1.00	1.00	1.00	1.00
10	13	13	0.04	0.64	0.76	0.98	1.00	1.00	1.00
10	13	14	0.00	0.61	0.74	0.98	1.00	1.00	1.00
10	13	15	0.00	0.60	0.64	0.85	1.00	1.00	1.00
10	13	16	0.06	0.56	0.44	0.50	1.00	1.00	1.00

10	13	17	0.16	0.34	0.11	0.07	1.00	1.00	1.00
10	13	18	0.26	0.34	0.00	0.00	1.00	1.00	1.00
10	13	19	0.43	0.41	0.00	0.00	1.00	1.00	1.00
10	13	20	0.37	0.52	0.00	0.00	1.00	1.00	1.00
10	13	21	0.36	0.59	0.00	0.00	1.00	1.00	1.00
10	13	22	0.32	0.60	0.00	0.00	1.00	1.00	1.00
10	13	23	0.19	0.62	0.00	0.00	1.00	1.00	1.00
10	13	24	0.13	0.58	0.00	0.00	1.00	1.00	1.00
10	14	1	0.08	0.56	0.00	0.00	1.00	1.00	1.00
10	14	2	0.03	0.53	0.00	0.00	1.00	1.00	1.00
10	14	3	0.00	0.45	0.00	0.00	1.00	1.00	1.00
10	14	4	0.00	0.38	0.00	0.00	1.00	1.00	1.00
10	14	5	0.00	0.33	0.00	0.00	1.00	1.00	1.00
10	14	6	0.00	0.33	0.00	0.17	1.00	1.00	1.00
10	14	7	0.01	0.23	0.02	0.69	1.00	1.00	1.00
10	14	8	0.00	0.18	0.28	0.92	1.00	1.00	1.00
10	14	9	0.00	0.28	0.54	0.99	1.00	1.00	1.00
10	14	10	0.00	0.31	0.72	0.99	1.00	1.00	1.00
10	14	11	0.00	0.30	0.83	1.00	1.00	1.00	1.00
10	14	12	0.00	0.30	0.87	0.96	1.00	1.00	1.00
10	14	13	0.00	0.31	0.84	0.81	1.00	1.00	1.00
10	14	14	0.00	0.33	0.81	0.73	1.00	1.00	1.00
10	14	15	0.00	0.36	0.70	0.73	1.00	1.00	1.00
10	14	16	0.00	0.44	0.49	0.41	1.00	1.00	1.00
10	14	17	0.00	0.52	0.14	0.04	1.00	1.00	1.00
10	14	18	0.00	0.59	0.00	0.00	1.00	1.00	1.00
10	14	19	0.00	0.54	0.00	0.00	1.00	1.00	1.00
10	14	20	0.00	0.39	0.00	0.00	1.00	1.00	1.00
10	14	21	0.00	0.24	0.00	0.00	1.00	1.00	1.00
10	14	22	0.00	0.25	0.00	0.00	1.00	1.00	1.00
10	14	23	0.00	0.24	0.00	0.00	1.00	1.00	1.00
10	14	24	0.00	0.23	0.00	0.00	1.00	1.00	1.00
10	15	1	0.00	0.20	0.00	0.00	1.00	1.00	1.00
10	15	2	0.00	0.12	0.00	0.00	1.00	1.00	1.00
10	15	3	0.00	0.05	0.00	0.00	1.00	1.00	1.00
10	15	4	0.00	0.09	0.00	0.00	1.00	1.00	1.00
10	15	5	0.00	0.07	0.00	0.00	1.00	1.00	1.00
10	15	6	0.00	0.04	0.00	0.16	1.00	1.00	1.00
10	15	7	0.00	0.02	0.02	0.70	1.00	1.00	1.00
10	15	8	0.00	0.00	0.22	0.93	1.00	1.00	1.00
10	15	9	0.00	0.00	0.42	1.00	1.00	1.00	1.00
10	15	10	0.00	0.03	0.58	1.00	1.00	1.00	1.00
10	15	11	0.02	0.10	0.66	1.00	1.00	1.00	1.00
10	15	12	0.09	0.16	0.71	1.00	1.00	1.00	1.00
10	15	13	0.18	0.17	0.69	1.00	1.00	1.00	1.00
10	15	14	0.23	0.18	0.66	1.00	1.00	1.00	1.00
10	15	15	0.30	0.17	0.55	0.89	1.00	1.00	1.00
10	15	16	0.41	0.19	0.39	0.54	1.00	1.00	1.00
10	15	17	0.57	0.23	0.12	0.06	1.00	1.00	1.00

10	15	18	0.70	0.25	0.00	0.00	1.00	1.00	1.00
10	15	19	0.78	0.22	0.00	0.00	1.00	1.00	1.00
10	15	20	0.70	0.18	0.00	0.00	1.00	1.00	1.00
10	15	21	0.61	0.19	0.00	0.00	1.00	1.00	1.00
10	15	22	0.51	0.19	0.00	0.00	1.00	1.00	1.00
10	15	23	0.51	0.24	0.00	0.00	1.00	1.00	1.00
10	15	24	0.52	0.30	0.00	0.00	1.00	1.00	1.00
10	16	1	0.48	0.31	0.00	0.00	1.00	1.00	1.00
10	16	2	0.50	0.31	0.00	0.00	1.00	1.00	1.00
10	16	3	0.51	0.27	0.00	0.00	1.00	1.00	1.00
10	16	4	0.53	0.26	0.00	0.00	1.00	1.00	1.00
10	16	5	0.55	0.30	0.00	0.00	1.00	1.00	1.00
10	16	6	0.50	0.36	0.00	0.16	1.00	1.00	1.00
10	16	7	0.49	0.34	0.01	0.68	1.00	1.00	1.00
10	16	8	0.56	0.22	0.22	0.88	1.00	1.00	1.00
10	16	9	0.57	0.20	0.43	1.00	1.00	1.00	1.00
10	16	10	0.60	0.27	0.55	1.00	1.00	1.00	1.00
10	16	11	0.65	0.30	0.65	1.00	1.00	1.00	1.00
10	16	12	0.66	0.33	0.67	1.00	1.00	1.00	1.00
10	16	13	0.70	0.44	0.61	1.00	1.00	1.00	1.00
10	16	14	0.71	0.54	0.60	0.93	1.00	1.00	1.00
10	16	15	0.74	0.47	0.50	0.82	1.00	1.00	1.00
10	16	16	0.76	0.47	0.38	0.47	1.00	1.00	1.00
10	16	17	0.76	0.46	0.10	0.04	1.00	1.00	1.00
10	16	18	0.72	0.58	0.00	0.00	1.00	1.00	1.00
10	16	19	0.69	0.65	0.00	0.00	1.00	1.00	1.00
10	16	20	0.49	0.67	0.00	0.00	1.00	1.00	1.00
10	16	21	0.37	0.75	0.00	0.00	1.00	1.00	1.00
10	16	22	0.30	0.74	0.00	0.00	1.00	1.00	1.00
10	16	23	0.29	0.71	0.00	0.00	1.00	1.00	1.00
10	16	24	0.33	0.78	0.00	0.00	1.00	1.00	1.00
10	17	1	0.39	0.79	0.00	0.00	1.00	1.00	1.00
10	17	2	0.41	0.80	0.00	0.00	1.00	1.00	1.00
10	17	3	0.40	0.83	0.00	0.00	1.00	1.00	1.00
10	17	4	0.38	0.88	0.00	0.00	1.00	1.00	1.00
10	17	5	0.41	0.90	0.00	0.00	1.00	1.00	1.00
10	17	6	0.44	0.90	0.00	0.16	1.00	1.00	1.00
10	17	7	0.53	0.91	0.01	0.65	1.00	1.00	1.00
10	17	8	0.52	0.96	0.22	0.91	1.00	1.00	1.00
10	17	9	0.54	0.98	0.42	1.00	1.00	1.00	1.00
10	17	10	0.55	0.99	0.58	1.00	1.00	1.00	1.00
10	17	11	0.63	1.00	0.69	1.00	1.00	1.00	1.00
10	17	12	0.76	1.00	0.75	1.00	1.00	1.00	1.00
10	17	13	0.84	1.00	0.72	1.00	1.00	1.00	1.00
10	17	14	0.81	1.00	0.71	1.00	1.00	1.00	1.00
10	17	15	0.76	1.00	0.62	0.81	1.00	1.00	1.00
10	17	16	0.76	1.00	0.41	0.52	1.00	1.00	1.00
10	17	17	0.72	0.94	0.12	0.04	1.00	1.00	1.00
10	17	18	0.55	0.92	0.00	0.00	1.00	1.00	1.00

10	17	19	0.58	0.93	0.00	0.00	1.00	1.00	1.00
10	17	20	0.62	0.91	0.00	0.00	1.00	1.00	1.00
10	17	21	0.56	0.84	0.00	0.00	1.00	1.00	1.00
10	17	22	0.52	0.82	0.00	0.00	1.00	1.00	1.00
10	17	23	0.48	0.81	0.00	0.00	1.00	1.00	1.00
10	17	24	0.39	0.71	0.00	0.00	1.00	1.00	1.00
10	18	1	0.30	0.68	0.00	0.00	1.00	1.00	1.00
10	18	2	0.29	0.67	0.00	0.00	1.00	1.00	1.00
10	18	3	0.27	0.63	0.00	0.00	1.00	1.00	1.00
10	18	4	0.17	0.63	0.00	0.00	1.00	1.00	1.00
10	18	5	0.10	0.55	0.00	0.00	1.00	1.00	1.00
10	18	6	0.06	0.44	0.00	0.17	1.00	1.00	1.00
10	18	7	0.00	0.42	0.02	0.69	1.00	1.00	1.00
10	18	8	0.00	0.44	0.26	0.92	1.00	1.00	1.00
10	18	9	0.00	0.46	0.47	1.00	1.00	1.00	1.00
10	18	10	0.00	0.46	0.62	1.00	1.00	1.00	1.00
10	18	11	0.00	0.48	0.74	1.00	1.00	1.00	1.00
10	18	12	0.00	0.49	0.79	1.00	1.00	1.00	1.00
10	18	13	0.00	0.49	0.78	1.00	1.00	1.00	1.00
10	18	14	0.00	0.49	0.74	1.00	1.00	1.00	1.00
10	18	15	0.00	0.54	0.64	0.88	1.00	1.00	1.00
10	18	16	0.00	0.55	0.44	0.54	1.00	1.00	1.00
10	18	17	0.00	0.47	0.13	0.04	1.00	1.00	1.00
10	18	18	0.01	0.44	0.00	0.00	1.00	1.00	1.00
10	18	19	0.01	0.42	0.00	0.00	1.00	1.00	1.00
10	18	20	0.01	0.41	0.00	0.00	1.00	1.00	1.00
10	18	21	0.02	0.44	0.00	0.00	1.00	1.00	1.00
10	18	22	0.04	0.44	0.00	0.00	1.00	1.00	1.00
10	18	23	0.07	0.47	0.00	0.00	1.00	1.00	1.00
10	18	24	0.10	0.46	0.00	0.00	1.00	1.00	1.00
10	19	1	0.12	0.44	0.00	0.00	1.00	1.00	1.00
10	19	2	0.10	0.44	0.00	0.00	1.00	1.00	1.00
10	19	3	0.12	0.45	0.00	0.00	1.00	1.00	1.00
10	19	4	0.14	0.44	0.00	0.00	1.00	1.00	1.00
10	19	5	0.14	0.44	0.00	0.00	1.00	1.00	1.00
10	19	6	0.15	0.44	0.00	0.20	1.00	1.00	1.00
10	19	7	0.14	0.43	0.02	0.67	1.00	1.00	1.00
10	19	8	0.14	0.43	0.26	0.92	1.00	1.00	1.00
10	19	9	0.14	0.42	0.49	1.00	1.00	1.00	1.00
10	19	10	0.17	0.41	0.63	1.00	1.00	1.00	1.00
10	19	11	0.17	0.41	0.71	1.00	1.00	1.00	1.00
10	19	12	0.19	0.39	0.74	1.00	1.00	1.00	1.00
10	19	13	0.21	0.40	0.70	1.00	1.00	1.00	1.00
10	19	14	0.24	0.42	0.68	0.99	1.00	1.00	1.00
10	19	15	0.41	0.44	0.59	0.86	1.00	1.00	1.00
10	19	16	0.53	0.48	0.41	0.48	1.00	1.00	1.00
10	19	17	0.60	0.61	0.11	0.03	1.00	1.00	1.00
10	19	18	0.62	0.75	0.00	0.00	1.00	1.00	1.00
10	19	19	0.49	0.79	0.00	0.00	1.00	1.00	1.00

10	19	20	0.37	0.80	0.00	0.00	1.00	1.00	1.00
10	19	21	0.37	0.71	0.00	0.00	1.00	1.00	1.00
10	19	22	0.37	0.59	0.00	0.00	1.00	1.00	1.00
10	19	23	0.38	0.69	0.00	0.00	1.00	1.00	1.00
10	19	24	0.35	0.76	0.00	0.00	1.00	1.00	1.00
10	20	1	0.35	0.79	0.00	0.00	1.00	1.00	1.00
10	20	2	0.47	0.77	0.00	0.00	1.00	1.00	1.00
10	20	3	0.57	0.75	0.00	0.00	1.00	1.00	1.00
10	20	4	0.58	0.78	0.00	0.00	1.00	1.00	1.00
10	20	5	0.63	0.77	0.00	0.00	1.00	1.00	1.00
10	20	6	0.64	0.78	0.00	0.19	1.00	1.00	1.00
10	20	7	0.69	0.78	0.01	0.59	1.00	1.00	1.00
10	20	8	0.74	0.74	0.23	0.86	1.00	1.00	1.00
10	20	9	0.75	0.74	0.44	0.98	1.00	1.00	1.00
10	20	10	0.72	0.86	0.59	1.00	1.00	1.00	1.00
10	20	11	0.63	0.92	0.66	1.00	1.00	1.00	1.00
10	20	12	0.74	0.92	0.77	1.00	1.00	1.00	1.00
10	20	13	0.80	0.95	0.76	1.00	1.00	1.00	1.00
10	20	14	0.78	0.96	0.75	0.94	1.00	1.00	1.00
10	20	15	0.76	0.94	0.65	0.79	1.00	1.00	1.00
10	20	16	0.77	0.92	0.44	0.46	1.00	1.00	1.00
10	20	17	0.73	0.83	0.10	0.02	1.00	1.00	1.00
10	20	18	0.66	0.82	0.00	0.00	1.00	1.00	1.00
10	20	19	0.69	0.80	0.00	0.00	1.00	1.00	1.00
10	20	20	0.69	0.82	0.00	0.00	1.00	1.00	1.00
10	20	21	0.65	0.84	0.00	0.00	1.00	1.00	1.00
10	20	22	0.42	0.86	0.00	0.00	1.00	1.00	1.00
10	20	23	0.30	0.87	0.00	0.00	1.00	1.00	1.00
10	20	24	0.32	0.85	0.00	0.00	1.00	1.00	1.00
10	21	1	0.36	0.73	0.00	0.00	1.00	1.00	1.00
10	21	2	0.27	0.69	0.00	0.00	1.00	1.00	1.00
10	21	3	0.26	0.69	0.00	0.00	1.00	1.00	1.00
10	21	4	0.29	0.71	0.00	0.00	1.00	1.00	1.00
10	21	5	0.32	0.72	0.00	0.00	1.00	1.00	1.00
10	21	6	0.32	0.64	0.00	0.22	1.00	1.00	1.00
10	21	7	0.36	0.50	0.01	0.63	1.00	1.00	1.00
10	21	8	0.34	0.53	0.26	0.88	1.00	1.00	1.00
10	21	9	0.42	0.56	0.52	1.00	1.00	1.00	1.00
10	21	10	0.50	0.52	0.71	1.00	1.00	1.00	1.00
10	21	11	0.53	0.38	0.83	1.00	1.00	1.00	1.00
10	21	12	0.63	0.32	0.87	1.00	1.00	1.00	1.00
10	21	13	0.77	0.34	0.86	0.87	1.00	1.00	1.00
10	21	14	0.82	0.32	0.82	0.90	1.00	1.00	1.00
10	21	15	0.78	0.39	0.70	0.76	1.00	1.00	1.00
10	21	16	0.81	0.68	0.46	0.39	1.00	1.00	1.00
10	21	17	0.79	0.65	0.10	0.02	1.00	1.00	1.00
10	21	18	0.61	0.57	0.00	0.00	1.00	1.00	1.00
10	21	19	0.59	0.56	0.00	0.00	1.00	1.00	1.00
10	21	20	0.58	0.74	0.00	0.00	1.00	1.00	1.00

10	21	21	0.53	0.86	0.00	0.00	1.00	1.00	1.00
10	21	22	0.42	0.79	0.00	0.00	1.00	1.00	1.00
10	21	23	0.29	0.78	0.00	0.00	1.00	1.00	1.00
10	21	24	0.23	0.72	0.00	0.00	1.00	1.00	1.00
10	22	1	0.20	0.60	0.00	0.00	1.00	1.00	1.00
10	22	2	0.22	0.60	0.00	0.00	1.00	1.00	1.00
10	22	3	0.22	0.52	0.00	0.00	1.00	1.00	1.00
10	22	4	0.20	0.54	0.00	0.00	1.00	1.00	1.00
10	22	5	0.18	0.63	0.00	0.00	1.00	1.00	1.00
10	22	6	0.21	0.60	0.00	0.22	1.00	1.00	1.00
10	22	7	0.21	0.55	0.01	0.66	1.00	1.00	1.00
10	22	8	0.13	0.45	0.27	0.93	1.00	1.00	1.00
10	22	9	0.17	0.37	0.53	1.00	1.00	1.00	1.00
10	22	10	0.26	0.27	0.70	1.00	1.00	1.00	1.00
10	22	11	0.32	0.21	0.80	1.00	1.00	1.00	1.00
10	22	12	0.43	0.17	0.84	1.00	1.00	1.00	1.00
10	22	13	0.45	0.13	0.83	1.00	1.00	1.00	1.00
10	22	14	0.41	0.12	0.79	1.00	1.00	1.00	1.00
10	22	15	0.45	0.14	0.68	0.89	1.00	1.00	1.00
10	22	16	0.48	0.22	0.46	0.53	1.00	1.00	1.00
10	22	17	0.42	0.37	0.11	0.02	1.00	1.00	1.00
10	22	18	0.42	0.41	0.00	0.00	1.00	1.00	1.00
10	22	19	0.44	0.32	0.00	0.00	1.00	1.00	1.00
10	22	20	0.36	0.32	0.00	0.00	1.00	1.00	1.00
10	22	21	0.27	0.38	0.00	0.00	1.00	1.00	1.00
10	22	22	0.22	0.40	0.00	0.00	1.00	1.00	1.00
10	22	23	0.21	0.36	0.00	0.00	1.00	1.00	1.00
10	22	24	0.19	0.31	0.00	0.00	1.00	1.00	1.00
10	23	1	0.17	0.15	0.00	0.00	1.00	1.00	1.00
10	23	2	0.16	0.06	0.00	0.00	1.00	1.00	1.00
10	23	3	0.20	0.04	0.00	0.00	1.00	1.00	1.00
10	23	4	0.28	0.03	0.00	0.00	1.00	1.00	1.00
10	23	5	0.35	0.03	0.00	0.00	1.00	1.00	1.00
10	23	6	0.33	0.02	0.00	0.23	1.00	1.00	1.00
10	23	7	0.29	0.02	0.01	0.67	1.00	1.00	1.00
10	23	8	0.25	0.01	0.27	0.92	1.00	1.00	1.00
10	23	9	0.20	0.00	0.52	1.00	1.00	1.00	1.00
10	23	10	0.27	0.00	0.70	1.00	1.00	1.00	1.00
10	23	11	0.37	0.01	0.79	1.00	1.00	1.00	1.00
10	23	12	0.42	0.03	0.83	1.00	1.00	1.00	1.00
10	23	13	0.45	0.04	0.82	1.00	1.00	1.00	1.00
10	23	14	0.44	0.04	0.77	0.99	1.00	1.00	1.00
10	23	15	0.44	0.04	0.66	0.86	1.00	1.00	1.00
10	23	16	0.42	0.04	0.44	0.46	1.00	1.00	1.00
10	23	17	0.38	0.03	0.10	0.02	1.00	1.00	1.00
10	23	18	0.37	0.01	0.00	0.00	1.00	1.00	1.00
10	23	19	0.30	0.02	0.00	0.00	1.00	1.00	1.00
10	23	20	0.26	0.04	0.00	0.00	1.00	1.00	1.00
10	23	21	0.20	0.03	0.00	0.00	1.00	1.00	1.00

10	23	22	0.13	0.02	0.00	0.00	1.00	1.00	1.00
10	23	23	0.08	0.05	0.00	0.00	1.00	1.00	1.00
10	23	24	0.03	0.11	0.00	0.00	1.00	1.00	1.00
10	24	1	0.01	0.15	0.00	0.00	1.00	1.00	1.00
10	24	2	0.00	0.12	0.00	0.00	1.00	1.00	1.00
10	24	3	0.00	0.12	0.00	0.00	1.00	1.00	1.00
10	24	4	0.00	0.12	0.00	0.00	1.00	1.00	1.00
10	24	5	0.00	0.09	0.00	0.00	1.00	1.00	1.00
10	24	6	0.00	0.10	0.00	0.22	1.00	1.00	1.00
10	24	7	0.00	0.07	0.01	0.64	1.00	1.00	1.00
10	24	8	0.00	0.01	0.26	0.89	1.00	1.00	1.00
10	24	9	0.00	0.00	0.51	1.00	1.00	1.00	1.00
10	24	10	0.00	0.00	0.67	1.00	1.00	1.00	1.00
10	24	11	0.00	0.00	0.77	1.00	1.00	1.00	1.00
10	24	12	0.00	0.01	0.81	1.00	1.00	1.00	1.00
10	24	13	0.00	0.01	0.81	1.00	1.00	1.00	1.00
10	24	14	0.00	0.02	0.76	0.97	1.00	1.00	1.00
10	24	15	0.01	0.03	0.65	0.84	1.00	1.00	1.00
10	24	16	0.00	0.05	0.43	0.38	1.00	1.00	1.00
10	24	17	0.01	0.10	0.10	0.01	1.00	1.00	1.00
10	24	18	0.03	0.17	0.00	0.00	1.00	1.00	1.00
10	24	19	0.03	0.23	0.00	0.00	1.00	1.00	1.00
10	24	20	0.02	0.27	0.00	0.00	1.00	1.00	1.00
10	24	21	0.02	0.31	0.00	0.00	1.00	1.00	1.00
10	24	22	0.04	0.33	0.00	0.00	1.00	1.00	1.00
10	24	23	0.10	0.34	0.00	0.00	1.00	1.00	1.00
10	24	24	0.13	0.37	0.00	0.00	1.00	1.00	1.00
10	25	1	0.14	0.39	0.00	0.00	1.00	1.00	1.00
10	25	2	0.11	0.42	0.00	0.00	1.00	1.00	1.00
10	25	3	0.10	0.44	0.00	0.00	1.00	1.00	1.00
10	25	4	0.10	0.45	0.00	0.00	1.00	1.00	1.00
10	25	5	0.10	0.46	0.00	0.00	1.00	1.00	1.00
10	25	6	0.10	0.50	0.00	0.21	1.00	1.00	1.00
10	25	7	0.10	0.52	0.01	0.63	1.00	1.00	1.00
10	25	8	0.08	0.44	0.24	0.89	1.00	1.00	1.00
10	25	9	0.04	0.34	0.48	1.00	1.00	1.00	1.00
10	25	10	0.03	0.29	0.65	1.00	1.00	1.00	1.00
10	25	11	0.04	0.29	0.76	1.00	1.00	1.00	1.00
10	25	12	0.06	0.27	0.81	1.00	1.00	1.00	1.00
10	25	13	0.07	0.27	0.80	1.00	1.00	1.00	1.00
10	25	14	0.06	0.29	0.74	0.95	1.00	1.00	1.00
10	25	15	0.06	0.34	0.62	0.82	1.00	1.00	1.00
10	25	16	0.05	0.42	0.40	0.38	1.00	1.00	1.00
10	25	17	0.07	0.65	0.09	0.01	1.00	1.00	1.00
10	25	18	0.11	0.78	0.00	0.00	1.00	1.00	1.00
10	25	19	0.15	0.75	0.00	0.00	1.00	1.00	1.00
10	25	20	0.15	0.62	0.00	0.00	1.00	1.00	1.00
10	25	21	0.08	0.49	0.00	0.00	1.00	1.00	1.00
10	25	22	0.05	0.43	0.00	0.00	1.00	1.00	1.00

10	25	23	0.04	0.37	0.00	0.00	1.00	1.00	1.00
10	25	24	0.04	0.34	0.00	0.00	1.00	1.00	1.00
10	26	1	0.05	0.31	0.00	0.00	1.00	1.00	1.00
10	26	2	0.06	0.24	0.00	0.00	1.00	1.00	1.00
10	26	3	0.06	0.18	0.00	0.00	1.00	1.00	1.00
10	26	4	0.05	0.19	0.00	0.00	1.00	1.00	1.00
10	26	5	0.03	0.30	0.00	0.00	1.00	1.00	1.00
10	26	6	0.02	0.46	0.00	0.19	1.00	1.00	1.00
10	26	7	0.01	0.44	0.01	0.60	1.00	1.00	1.00
10	26	8	0.00	0.29	0.21	0.86	1.00	1.00	1.00
10	26	9	0.00	0.17	0.44	0.98	1.00	1.00	1.00
10	26	10	0.00	0.13	0.63	1.00	1.00	1.00	1.00
10	26	11	0.00	0.11	0.75	1.00	1.00	1.00	1.00
10	26	12	0.00	0.08	0.80	1.00	1.00	1.00	1.00
10	26	13	0.00	0.06	0.80	1.00	1.00	1.00	1.00
10	26	14	0.00	0.05	0.74	0.95	1.00	1.00	1.00
10	26	15	0.00	0.04	0.62	0.81	1.00	1.00	1.00
10	26	16	0.03	0.04	0.40	0.29	1.00	1.00	1.00
10	26	17	0.12	0.08	0.08	0.01	1.00	1.00	1.00
10	26	18	0.28	0.11	0.00	0.00	1.00	1.00	1.00
10	26	19	0.31	0.15	0.00	0.00	1.00	1.00	1.00
10	26	20	0.31	0.12	0.00	0.00	1.00	1.00	1.00
10	26	21	0.30	0.06	0.00	0.00	1.00	1.00	1.00
10	26	22	0.27	0.09	0.00	0.00	1.00	1.00	1.00
10	26	23	0.22	0.30	0.00	0.00	1.00	1.00	1.00
10	26	24	0.16	0.29	0.00	0.00	1.00	1.00	1.00
10	27	1	0.14	0.26	0.00	0.00	1.00	1.00	1.00
10	27	2	0.10	0.24	0.00	0.00	1.00	1.00	1.00
10	27	3	0.08	0.21	0.00	0.00	1.00	1.00	1.00
10	27	4	0.04	0.22	0.00	0.00	1.00	1.00	1.00
10	27	5	0.02	0.35	0.00	0.00	1.00	1.00	1.00
10	27	6	0.00	0.49	0.00	0.18	1.00	1.00	1.00
10	27	7	0.00	0.41	0.00	0.61	1.00	1.00	1.00
10	27	8	0.00	0.20	0.09	0.87	1.00	1.00	1.00
10	27	9	0.00	0.14	0.24	1.00	1.00	1.00	1.00
10	27	10	0.00	0.11	0.33	1.00	1.00	1.00	1.00
10	27	11	0.00	0.08	0.44	1.00	1.00	1.00	1.00
10	27	12	0.00	0.05	0.52	1.00	1.00	1.00	1.00
10	27	13	0.00	0.02	0.48	1.00	1.00	1.00	1.00
10	27	14	0.00	0.02	0.44	0.97	1.00	1.00	1.00
10	27	15	0.00	0.03	0.34	0.82	1.00	1.00	1.00
10	27	16	0.00	0.04	0.22	0.32	1.00	1.00	1.00
10	27	17	0.00	0.04	0.03	0.00	1.00	1.00	1.00
10	27	18	0.04	0.04	0.00	0.00	1.00	1.00	1.00
10	27	19	0.05	0.07	0.00	0.00	1.00	1.00	1.00
10	27	20	0.00	0.12	0.00	0.00	1.00	1.00	1.00
10	27	21	0.00	0.22	0.00	0.00	1.00	1.00	1.00
10	27	22	0.00	0.25	0.00	0.00	1.00	1.00	1.00
10	27	23	0.00	0.14	0.00	0.00	1.00	1.00	1.00

10	27	24	0.00	0.10	0.00	0.00	1.00	1.00	1.00
10	28	1	0.00	0.10	0.00	0.00	1.00	1.00	1.00
10	28	2	0.00	0.05	0.00	0.00	1.00	1.00	1.00
10	28	3	0.00	0.02	0.00	0.00	1.00	1.00	1.00
10	28	4	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	28	5	0.00	0.00	0.00	0.00	1.00	1.00	1.00
10	28	6	0.00	0.00	0.00	0.16	1.00	1.00	1.00
10	28	7	0.00	0.00	0.01	0.60	1.00	1.00	1.00
10	28	8	0.00	0.00	0.23	0.87	1.00	1.00	1.00
10	28	9	0.00	0.00	0.46	1.00	1.00	1.00	1.00
10	28	10	0.00	0.04	0.64	1.00	1.00	1.00	1.00
10	28	11	0.00	0.07	0.75	1.00	1.00	1.00	1.00
10	28	12	0.00	0.06	0.80	1.00	1.00	1.00	1.00
10	28	13	0.00	0.07	0.80	1.00	1.00	1.00	1.00
10	28	14	0.00	0.07	0.74	0.96	1.00	1.00	1.00
10	28	15	0.00	0.08	0.58	0.82	1.00	1.00	1.00
10	28	16	0.00	0.09	0.37	0.41	1.00	1.00	1.00
10	28	17	0.00	0.14	0.07	0.01	1.00	1.00	1.00
10	28	18	0.00	0.21	0.00	0.00	1.00	1.00	1.00
10	28	19	0.00	0.26	0.00	0.00	1.00	1.00	1.00
10	28	20	0.00	0.24	0.00	0.00	1.00	1.00	1.00
10	28	21	0.00	0.19	0.00	0.00	1.00	1.00	1.00
10	28	22	0.00	0.19	0.00	0.00	1.00	1.00	1.00
10	28	23	0.00	0.23	0.00	0.00	1.00	1.00	1.00
10	28	24	0.00	0.31	0.00	0.00	1.00	1.00	1.00
10	29	1	0.00	0.37	0.00	0.00	1.00	1.00	1.00
10	29	2	0.00	0.35	0.00	0.00	1.00	1.00	1.00
10	29	3	0.00	0.31	0.00	0.00	1.00	1.00	1.00
10	29	4	0.00	0.30	0.00	0.00	1.00	1.00	1.00
10	29	5	0.00	0.28	0.00	0.00	1.00	1.00	1.00
10	29	6	0.00	0.26	0.00	0.16	1.00	1.00	1.00
10	29	7	0.00	0.28	0.00	0.58	1.00	1.00	1.00
10	29	8	0.00	0.18	0.13	0.85	1.00	1.00	1.00
10	29	9	0.00	0.09	0.26	0.96	1.00	1.00	1.00
10	29	10	0.00	0.07	0.39	1.00	1.00	1.00	1.00
10	29	11	0.00	0.05	0.45	1.00	1.00	1.00	1.00
10	29	12	0.00	0.05	0.49	1.00	1.00	1.00	1.00
10	29	13	0.06	0.05	0.54	0.96	1.00	1.00	1.00
10	29	14	0.13	0.06	0.42	0.93	1.00	1.00	1.00
10	29	15	0.23	0.08	0.29	0.77	1.00	1.00	1.00
10	29	16	0.28	0.13	0.21	0.34	1.00	1.00	1.00
10	29	17	0.33	0.28	0.04	0.00	1.00	1.00	1.00
10	29	18	0.45	0.37	0.00	0.00	1.00	1.00	1.00
10	29	19	0.54	0.39	0.00	0.00	1.00	1.00	1.00
10	29	20	0.55	0.42	0.00	0.00	1.00	1.00	1.00
10	29	21	0.47	0.49	0.00	0.00	1.00	1.00	1.00
10	29	22	0.45	0.53	0.00	0.00	1.00	1.00	1.00
10	29	23	0.44	0.59	0.00	0.00	1.00	1.00	1.00
10	29	24	0.41	0.67	0.00	0.00	1.00	1.00	1.00

10	30	1	0.42	0.79	0.00	0.00	1.00	1.00	1.00
10	30	2	0.41	0.87	0.00	0.00	1.00	1.00	1.00
10	30	3	0.35	0.88	0.00	0.00	1.00	1.00	1.00
10	30	4	0.27	0.89	0.00	0.00	1.00	1.00	1.00
10	30	5	0.35	0.91	0.00	0.00	1.00	1.00	1.00
10	30	6	0.42	0.93	0.00	0.17	1.00	1.00	1.00
10	30	7	0.31	0.92	0.01	0.60	1.00	1.00	1.00
10	30	8	0.32	0.86	0.21	0.85	1.00	1.00	1.00
10	30	9	0.33	0.80	0.41	0.98	1.00	1.00	1.00
10	30	10	0.35	0.78	0.56	1.00	1.00	1.00	1.00
10	30	11	0.35	0.72	0.69	1.00	1.00	1.00	1.00
10	30	12	0.27	0.64	0.75	1.00	1.00	1.00	1.00
10	30	13	0.17	0.56	0.75	1.00	1.00	1.00	1.00
10	30	14	0.13	0.53	0.69	0.95	1.00	1.00	1.00
10	30	15	0.10	0.46	0.58	0.80	1.00	1.00	1.00
10	30	16	0.10	0.38	0.39	0.37	1.00	1.00	1.00
10	30	17	0.16	0.42	0.10	0.00	1.00	1.00	1.00
10	30	18	0.20	0.55	0.00	0.00	1.00	1.00	1.00
10	30	19	0.37	0.68	0.00	0.00	1.00	1.00	1.00
10	30	20	0.41	0.74	0.00	0.00	1.00	1.00	1.00
10	30	21	0.38	0.78	0.00	0.00	1.00	1.00	1.00
10	30	22	0.42	0.81	0.00	0.00	1.00	1.00	1.00
10	30	23	0.36	0.75	0.00	0.00	1.00	1.00	1.00
10	30	24	0.29	0.69	0.00	0.00	1.00	1.00	1.00
10	31	1	0.26	0.63	0.00	0.00	1.00	1.00	1.00
10	31	2	0.23	0.62	0.00	0.00	1.00	1.00	1.00
10	31	3	0.18	0.63	0.00	0.00	1.00	1.00	1.00
10	31	4	0.13	0.59	0.00	0.00	1.00	1.00	1.00
10	31	5	0.14	0.48	0.00	0.00	1.00	1.00	1.00
10	31	6	0.10	0.36	0.00	0.05	1.00	1.00	1.00
10	31	7	0.11	0.39	0.01	0.34	1.00	1.00	1.00
10	31	8	0.08	0.24	0.24	0.65	1.00	1.00	1.00
10	31	9	0.05	0.12	0.46	0.81	1.00	1.00	1.00
10	31	10	0.05	0.16	0.62	0.98	1.00	1.00	1.00
10	31	11	0.05	0.34	0.75	0.98	1.00	1.00	1.00
10	31	12	0.04	0.29	0.81	0.91	1.00	1.00	1.00
10	31	13	0.04	0.23	0.83	0.96	1.00	1.00	1.00
10	31	14	0.04	0.19	0.77	0.77	1.00	1.00	1.00
10	31	15	0.04	0.17	0.65	0.59	1.00	1.00	1.00
10	31	16	0.05	0.18	0.40	0.18	1.00	1.00	1.00
10	31	17	0.07	0.19	0.11	0.00	1.00	1.00	1.00
10	31	18	0.11	0.22	0.00	0.00	1.00	1.00	1.00
10	31	19	0.09	0.26	0.00	0.00	1.00	1.00	1.00
10	31	20	0.04	0.23	0.00	0.00	1.00	1.00	1.00
10	31	21	0.02	0.22	0.00	0.00	1.00	1.00	1.00
10	31	22	0.00	0.20	0.00	0.00	1.00	1.00	1.00
10	31	23	0.00	0.21	0.00	0.00	1.00	1.00	1.00
10	31	24	0.01	0.23	0.00	0.00	1.00	1.00	1.00
11	1	1	0.00	0.17	0.00	0.00	1.00	1.00	1.00

11	1	2	0.00	0.15	0.00	0.00	1.00	1.00	1.00
11	1	3	0.00	0.12	0.00	0.00	1.00	1.00	1.00
11	1	4	0.00	0.08	0.00	0.00	1.00	1.00	1.00
11	1	5	0.00	0.02	0.00	0.00	1.00	1.00	1.00
11	1	6	0.00	0.01	0.00	0.13	1.00	1.00	1.00
11	1	7	0.00	0.02	0.01	0.55	1.00	1.00	1.00
11	1	8	0.00	0.00	0.23	0.88	1.00	1.00	1.00
11	1	9	0.00	0.00	0.48	1.00	1.00	1.00	1.00
11	1	10	0.00	0.00	0.66	1.00	1.00	1.00	1.00
11	1	11	0.00	0.02	0.80	1.00	1.00	1.00	1.00
11	1	12	0.00	0.05	0.84	1.00	1.00	1.00	1.00
11	1	13	0.00	0.10	0.83	1.00	1.00	1.00	1.00
11	1	14	0.00	0.11	0.77	0.98	1.00	1.00	1.00
11	1	15	0.00	0.10	0.64	0.81	1.00	1.00	1.00
11	1	16	0.01	0.10	0.39	0.33	1.00	1.00	1.00
11	1	17	0.05	0.12	0.10	0.00	1.00	1.00	1.00
11	1	18	0.09	0.14	0.00	0.00	1.00	1.00	1.00
11	1	19	0.10	0.16	0.00	0.00	1.00	1.00	1.00
11	1	20	0.16	0.24	0.00	0.00	1.00	1.00	1.00
11	1	21	0.23	0.28	0.00	0.00	1.00	1.00	1.00
11	1	22	0.26	0.26	0.00	0.00	1.00	1.00	1.00
11	1	23	0.25	0.24	0.00	0.00	1.00	1.00	1.00
11	1	24	0.31	0.26	0.00	0.00	1.00	1.00	1.00
11	2	1	0.36	0.22	0.00	0.00	1.00	1.00	1.00
11	2	2	0.36	0.18	0.00	0.00	1.00	1.00	1.00
11	2	3	0.31	0.19	0.00	0.00	1.00	1.00	1.00
11	2	4	0.33	0.17	0.00	0.00	1.00	1.00	1.00
11	2	5	0.39	0.12	0.00	0.00	1.00	1.00	1.00
11	2	6	0.39	0.09	0.00	0.19	1.00	1.00	1.00
11	2	7	0.38	0.06	0.01	0.60	1.00	1.00	1.00
11	2	8	0.36	0.02	0.25	0.89	1.00	1.00	1.00
11	2	9	0.33	0.01	0.52	1.00	1.00	1.00	1.00
11	2	10	0.35	0.04	0.71	1.00	1.00	1.00	1.00
11	2	11	0.44	0.11	0.81	1.00	1.00	1.00	1.00
11	2	12	0.48	0.14	0.85	1.00	1.00	1.00	1.00
11	2	13	0.46	0.15	0.84	1.00	1.00	1.00	1.00
11	2	14	0.46	0.12	0.78	0.98	1.00	1.00	1.00
11	2	15	0.51	0.13	0.66	0.81	1.00	1.00	1.00
11	2	16	0.52	0.19	0.41	0.40	1.00	1.00	1.00
11	2	17	0.55	0.24	0.11	0.00	1.00	1.00	1.00
11	2	18	0.57	0.28	0.00	0.00	1.00	1.00	1.00
11	2	19	0.55	0.40	0.00	0.00	1.00	1.00	1.00
11	2	20	0.60	0.63	0.00	0.00	1.00	1.00	1.00
11	2	21	0.58	0.62	0.00	0.00	1.00	1.00	1.00
11	2	22	0.54	0.58	0.00	0.00	1.00	1.00	1.00
11	2	23	0.50	0.52	0.00	0.00	1.00	1.00	1.00
11	2	24	0.43	0.45	0.00	0.00	1.00	1.00	1.00
11	3	1	0.41	0.40	0.00	0.00	1.00	1.00	1.00
11	3	2	0.39	0.34	0.00	0.00	1.00	1.00	1.00

11	3	3	0.35	0.30	0.00	0.00	1.00	1.00	1.00
11	3	4	0.28	0.27	0.00	0.00	1.00	1.00	1.00
11	3	5	0.26	0.26	0.00	0.00	1.00	1.00	1.00
11	3	6	0.28	0.23	0.00	0.18	1.00	1.00	1.00
11	3	7	0.28	0.14	0.01	0.58	1.00	1.00	1.00
11	3	8	0.26	0.05	0.25	0.90	1.00	1.00	1.00
11	3	9	0.23	0.03	0.51	1.00	1.00	1.00	1.00
11	3	10	0.27	0.02	0.69	1.00	1.00	1.00	1.00
11	3	11	0.31	0.03	0.80	1.00	1.00	1.00	1.00
11	3	12	0.30	0.04	0.84	1.00	1.00	1.00	1.00
11	3	13	0.38	0.07	0.83	1.00	1.00	1.00	1.00
11	3	14	0.44	0.12	0.77	0.99	1.00	1.00	1.00
11	3	15	0.45	0.15	0.64	0.82	1.00	1.00	1.00
11	3	16	0.43	0.17	0.39	0.44	1.00	1.00	1.00
11	3	17	0.40	0.26	0.11	0.00	1.00	1.00	1.00
11	3	18	0.34	0.31	0.00	0.00	1.00	1.00	1.00
11	3	19	0.28	0.33	0.00	0.00	1.00	1.00	1.00
11	3	20	0.32	0.37	0.00	0.00	1.00	1.00	1.00
11	3	21	0.29	0.39	0.00	0.00	1.00	1.00	1.00
11	3	22	0.24	0.43	0.00	0.00	1.00	1.00	1.00
11	3	23	0.21	0.46	0.00	0.00	1.00	1.00	1.00
11	3	24	0.15	0.48	0.00	0.00	1.00	1.00	1.00
11	4	1	0.10	0.52	0.00	0.00	1.00	1.00	1.00
11	4	2	0.07	0.56	0.00	0.00	1.00	1.00	1.00
11	4	3	0.07	0.58	0.00	0.00	1.00	1.00	1.00
11	4	4	0.07	0.60	0.00	0.00	1.00	1.00	1.00
11	4	5	0.08	0.59	0.00	0.00	1.00	1.00	1.00
11	4	6	0.06	0.58	0.00	0.17	1.00	1.00	1.00
11	4	7	0.05	0.57	0.01	0.59	1.00	1.00	1.00
11	4	8	0.02	0.54	0.20	0.88	1.00	1.00	1.00
11	4	9	0.00	0.50	0.45	1.00	1.00	1.00	1.00
11	4	10	0.00	0.52	0.61	1.00	1.00	1.00	1.00
11	4	11	0.00	0.58	0.71	1.00	1.00	1.00	1.00
11	4	12	0.00	0.64	0.74	1.00	1.00	1.00	1.00
11	4	13	0.00	0.69	0.71	1.00	1.00	1.00	1.00
11	4	14	0.00	0.76	0.61	0.96	1.00	1.00	1.00
11	4	15	0.00	0.77	0.47	0.79	1.00	1.00	1.00
11	4	16	0.00	0.76	0.28	0.45	1.00	1.00	1.00
11	4	17	0.00	0.79	0.07	0.00	1.00	1.00	1.00
11	4	18	0.00	0.79	0.00	0.00	1.00	1.00	1.00
11	4	19	0.00	0.78	0.00	0.00	1.00	1.00	1.00
11	4	20	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	4	21	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	4	22	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	4	23	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	4	24	0.00	0.80	0.00	0.00	1.00	1.00	1.00
11	5	1	0.00	0.81	0.00	0.00	1.00	1.00	1.00
11	5	2	0.00	0.81	0.00	0.00	1.00	1.00	1.00
11	5	3	0.00	0.82	0.00	0.00	1.00	1.00	1.00

11	5	4	0.00	0.82	0.00	0.00	1.00	1.00	1.00
11	5	5	0.00	0.82	0.00	0.00	1.00	1.00	1.00
11	5	6	0.00	0.79	0.00	0.11	1.00	1.00	1.00
11	5	7	0.01	0.65	0.01	0.55	1.00	1.00	1.00
11	5	8	0.01	0.32	0.23	0.80	1.00	1.00	1.00
11	5	9	0.00	0.08	0.46	0.96	1.00	1.00	1.00
11	5	10	0.00	0.01	0.59	1.00	1.00	1.00	1.00
11	5	11	0.00	0.03	0.73	1.00	1.00	1.00	1.00
11	5	12	0.00	0.07	0.77	1.00	1.00	1.00	1.00
11	5	13	0.00	0.08	0.76	1.00	1.00	1.00	1.00
11	5	14	0.00	0.06	0.70	0.95	1.00	1.00	1.00
11	5	15	0.00	0.08	0.57	0.79	1.00	1.00	1.00
11	5	16	0.01	0.15	0.34	0.45	1.00	1.00	1.00
11	5	17	0.04	0.25	0.08	0.00	1.00	1.00	1.00
11	5	18	0.06	0.29	0.00	0.00	1.00	1.00	1.00
11	5	19	0.03	0.36	0.00	0.00	1.00	1.00	1.00
11	5	20	0.01	0.42	0.00	0.00	1.00	1.00	1.00
11	5	21	0.00	0.47	0.00	0.00	1.00	1.00	1.00
11	5	22	0.00	0.43	0.00	0.00	1.00	1.00	1.00
11	5	23	0.00	0.42	0.00	0.00	1.00	1.00	1.00
11	5	24	0.00	0.35	0.00	0.00	1.00	1.00	1.00
11	6	1	0.01	0.26	0.00	0.00	1.00	1.00	1.00
11	6	2	0.01	0.22	0.00	0.00	1.00	1.00	1.00
11	6	3	0.01	0.14	0.00	0.00	1.00	1.00	1.00
11	6	4	0.00	0.10	0.00	0.00	1.00	1.00	1.00
11	6	5	0.00	0.12	0.00	0.00	1.00	1.00	1.00
11	6	6	0.00	0.09	0.00	0.04	1.00	1.00	1.00
11	6	7	0.01	0.04	0.01	0.36	1.00	1.00	1.00
11	6	8	0.02	0.02	0.23	0.73	1.00	1.00	1.00
11	6	9	0.00	0.01	0.48	0.83	1.00	1.00	1.00
11	6	10	0.00	0.01	0.66	0.94	1.00	1.00	1.00
11	6	11	0.00	0.01	0.77	0.92	1.00	1.00	1.00
11	6	12	0.00	0.02	0.82	0.99	1.00	1.00	1.00
11	6	13	0.00	0.03	0.82	0.95	1.00	1.00	1.00
11	6	14	0.00	0.05	0.77	0.87	1.00	1.00	1.00
11	6	15	0.01	0.07	0.63	0.68	1.00	1.00	1.00
11	6	16	0.03	0.07	0.37	0.37	1.00	1.00	1.00
11	6	17	0.07	0.09	0.08	0.00	1.00	1.00	1.00
11	6	18	0.09	0.11	0.00	0.00	1.00	1.00	1.00
11	6	19	0.07	0.18	0.00	0.00	1.00	1.00	1.00
11	6	20	0.04	0.29	0.00	0.00	1.00	1.00	1.00
11	6	21	0.04	0.31	0.00	0.00	1.00	1.00	1.00
11	6	22	0.08	0.34	0.00	0.00	1.00	1.00	1.00
11	6	23	0.08	0.39	0.00	0.00	1.00	1.00	1.00
11	6	24	0.08	0.47	0.00	0.00	1.00	1.00	1.00
11	7	1	0.09	0.53	0.00	0.00	1.00	1.00	1.00
11	7	2	0.11	0.57	0.00	0.00	1.00	1.00	1.00
11	7	3	0.13	0.56	0.00	0.00	1.00	1.00	1.00
11	7	4	0.11	0.55	0.00	0.00	1.00	1.00	1.00

11	7	5	0.09	0.58	0.00	0.00	1.00	1.00	1.00
11	7	6	0.09	0.63	0.00	0.09	1.00	1.00	1.00
11	7	7	0.09	0.67	0.01	0.49	1.00	1.00	1.00
11	7	8	0.08	0.68	0.23	0.80	1.00	1.00	1.00
11	7	9	0.03	0.65	0.48	1.00	1.00	1.00	1.00
11	7	10	0.00	0.69	0.65	1.00	1.00	1.00	1.00
11	7	11	0.00	0.74	0.76	1.00	1.00	1.00	1.00
11	7	12	0.00	0.75	0.80	1.00	1.00	1.00	1.00
11	7	13	0.00	0.74	0.81	1.00	1.00	1.00	1.00
11	7	14	0.00	0.73	0.75	0.95	1.00	1.00	1.00
11	7	15	0.00	0.73	0.62	0.76	1.00	1.00	1.00
11	7	16	0.00	0.80	0.36	0.45	1.00	1.00	1.00
11	7	17	0.00	0.88	0.07	0.00	1.00	1.00	1.00
11	7	18	0.00	0.89	0.00	0.00	1.00	1.00	1.00
11	7	19	0.00	0.85	0.00	0.00	1.00	1.00	1.00
11	7	20	0.00	0.80	0.00	0.00	1.00	1.00	1.00
11	7	21	0.00	0.75	0.00	0.00	1.00	1.00	1.00
11	7	22	0.00	0.72	0.00	0.00	1.00	1.00	1.00
11	7	23	0.00	0.74	0.00	0.00	1.00	1.00	1.00
11	7	24	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	8	1	0.00	0.83	0.00	0.00	1.00	1.00	1.00
11	8	2	0.00	0.89	0.00	0.00	1.00	1.00	1.00
11	8	3	0.00	0.91	0.00	0.00	1.00	1.00	1.00
11	8	4	0.00	0.91	0.00	0.00	1.00	1.00	1.00
11	8	5	0.00	0.89	0.00	0.00	1.00	1.00	1.00
11	8	6	0.00	0.89	0.00	0.08	1.00	1.00	1.00
11	8	7	0.00	0.85	0.01	0.54	1.00	1.00	1.00
11	8	8	0.00	0.75	0.19	0.83	1.00	1.00	1.00
11	8	9	0.00	0.64	0.42	0.98	1.00	1.00	1.00
11	8	10	0.00	0.60	0.58	1.00	1.00	1.00	1.00
11	8	11	0.00	0.59	0.70	1.00	1.00	1.00	1.00
11	8	12	0.00	0.54	0.75	1.00	1.00	1.00	1.00
11	8	13	0.00	0.47	0.74	1.00	1.00	1.00	1.00
11	8	14	0.00	0.44	0.67	0.95	1.00	1.00	1.00
11	8	15	0.00	0.46	0.48	0.76	1.00	1.00	1.00
11	8	16	0.00	0.49	0.27	0.41	1.00	1.00	1.00
11	8	17	0.00	0.64	0.03	0.00	1.00	1.00	1.00
11	8	18	0.00	0.64	0.00	0.00	1.00	1.00	1.00
11	8	19	0.01	0.55	0.00	0.00	1.00	1.00	1.00
11	8	20	0.00	0.35	0.00	0.00	1.00	1.00	1.00
11	8	21	0.00	0.21	0.00	0.00	1.00	1.00	1.00
11	8	22	0.00	0.20	0.00	0.00	1.00	1.00	1.00
11	8	23	0.00	0.20	0.00	0.00	1.00	1.00	1.00
11	8	24	0.00	0.15	0.00	0.00	1.00	1.00	1.00
11	9	1	0.00	0.13	0.00	0.00	1.00	1.00	1.00
11	9	2	0.00	0.13	0.00	0.00	1.00	1.00	1.00
11	9	3	0.00	0.14	0.00	0.00	1.00	1.00	1.00
11	9	4	0.00	0.13	0.00	0.00	1.00	1.00	1.00
11	9	5	0.00	0.11	0.00	0.00	1.00	1.00	1.00

11	9	6	0.00	0.09	0.00	0.08	1.00	1.00	1.00
11	9	7	0.00	0.08	0.00	0.55	1.00	1.00	1.00
11	9	8	0.01	0.02	0.10	0.85	1.00	1.00	1.00
11	9	9	0.00	0.00	0.23	0.99	1.00	1.00	1.00
11	9	10	0.00	0.00	0.35	1.00	1.00	1.00	1.00
11	9	11	0.05	0.00	0.48	1.00	1.00	1.00	1.00
11	9	12	0.06	0.00	0.56	1.00	1.00	1.00	1.00
11	9	13	0.08	0.00	0.54	1.00	1.00	1.00	1.00
11	9	14	0.15	0.00	0.41	0.92	1.00	1.00	1.00
11	9	15	0.22	0.00	0.32	0.69	1.00	1.00	1.00
11	9	16	0.28	0.00	0.21	0.37	1.00	1.00	1.00
11	9	17	0.34	0.01	0.03	0.00	1.00	1.00	1.00
11	9	18	0.34	0.03	0.00	0.00	1.00	1.00	1.00
11	9	19	0.49	0.03	0.00	0.00	1.00	1.00	1.00
11	9	20	0.54	0.04	0.00	0.00	1.00	1.00	1.00
11	9	21	0.51	0.07	0.00	0.00	1.00	1.00	1.00
11	9	22	0.44	0.08	0.00	0.00	1.00	1.00	1.00
11	9	23	0.37	0.10	0.00	0.00	1.00	1.00	1.00
11	9	24	0.37	0.09	0.00	0.00	1.00	1.00	1.00
11	10	1	0.39	0.10	0.00	0.00	1.00	1.00	1.00
11	10	2	0.37	0.11	0.00	0.00	1.00	1.00	1.00
11	10	3	0.37	0.14	0.00	0.00	1.00	1.00	1.00
11	10	4	0.38	0.18	0.00	0.00	1.00	1.00	1.00
11	10	5	0.38	0.21	0.00	0.00	1.00	1.00	1.00
11	10	6	0.33	0.26	0.00	0.02	1.00	1.00	1.00
11	10	7	0.32	0.31	0.01	0.17	1.00	1.00	1.00
11	10	8	0.26	0.27	0.21	0.47	1.00	1.00	1.00
11	10	9	0.10	0.20	0.43	0.63	1.00	1.00	1.00
11	10	10	0.03	0.28	0.57	0.75	1.00	1.00	1.00
11	10	11	0.00	0.35	0.67	0.87	1.00	1.00	1.00
11	10	12	0.00	0.37	0.69	0.86	1.00	1.00	1.00
11	10	13	0.00	0.35	0.69	0.81	1.00	1.00	1.00
11	10	14	0.00	0.29	0.64	0.62	1.00	1.00	1.00
11	10	15	0.04	0.27	0.52	0.55	1.00	1.00	1.00
11	10	16	0.12	0.20	0.31	0.22	1.00	1.00	1.00
11	10	17	0.23	0.19	0.05	0.00	1.00	1.00	1.00
11	10	18	0.32	0.25	0.00	0.00	1.00	1.00	1.00
11	10	19	0.31	0.33	0.00	0.00	1.00	1.00	1.00
11	10	20	0.23	0.36	0.00	0.00	1.00	1.00	1.00
11	10	21	0.21	0.34	0.00	0.00	1.00	1.00	1.00
11	10	22	0.27	0.40	0.00	0.00	1.00	1.00	1.00
11	10	23	0.30	0.48	0.00	0.00	1.00	1.00	1.00
11	10	24	0.33	0.47	0.00	0.00	1.00	1.00	1.00
11	11	1	0.40	0.52	0.00	0.00	1.00	1.00	1.00
11	11	2	0.40	0.66	0.00	0.00	1.00	1.00	1.00
11	11	3	0.44	0.68	0.00	0.00	1.00	1.00	1.00
11	11	4	0.40	0.70	0.00	0.00	1.00	1.00	1.00
11	11	5	0.37	0.72	0.00	0.00	1.00	1.00	1.00
11	11	6	0.34	0.76	0.00	0.07	1.00	1.00	1.00

11	11	7	0.32	0.72	0.01	0.54	1.00	1.00	1.00
11	11	8	0.38	0.54	0.16	0.79	1.00	1.00	1.00
11	11	9	0.29	0.39	0.34	0.95	1.00	1.00	1.00
11	11	10	0.29	0.38	0.48	0.98	1.00	1.00	1.00
11	11	11	0.38	0.30	0.55	1.00	1.00	1.00	1.00
11	11	12	0.52	0.24	0.60	1.00	1.00	1.00	1.00
11	11	13	0.55	0.26	0.52	0.92	1.00	1.00	1.00
11	11	14	0.54	0.17	0.44	0.75	1.00	1.00	1.00
11	11	15	0.58	0.15	0.34	0.65	1.00	1.00	1.00
11	11	16	0.63	0.17	0.21	0.35	1.00	1.00	1.00
11	11	17	0.63	0.22	0.03	0.00	1.00	1.00	1.00
11	11	18	0.72	0.24	0.00	0.00	1.00	1.00	1.00
11	11	19	0.67	0.32	0.00	0.00	1.00	1.00	1.00
11	11	20	0.47	0.33	0.00	0.00	1.00	1.00	1.00
11	11	21	0.33	0.35	0.00	0.00	1.00	1.00	1.00
11	11	22	0.33	0.36	0.00	0.00	1.00	1.00	1.00
11	11	23	0.43	0.42	0.00	0.00	1.00	1.00	1.00
11	11	24	0.55	0.50	0.00	0.00	1.00	1.00	1.00
11	12	1	0.62	0.44	0.00	0.00	1.00	1.00	1.00
11	12	2	0.66	0.37	0.00	0.00	1.00	1.00	1.00
11	12	3	0.62	0.33	0.00	0.00	1.00	1.00	1.00
11	12	4	0.64	0.30	0.00	0.00	1.00	1.00	1.00
11	12	5	0.55	0.22	0.00	0.00	1.00	1.00	1.00
11	12	6	0.45	0.16	0.00	0.03	1.00	1.00	1.00
11	12	7	0.42	0.09	0.00	0.42	1.00	1.00	1.00
11	12	8	0.32	0.02	0.20	0.78	1.00	1.00	1.00
11	12	9	0.23	0.00	0.44	0.92	1.00	1.00	1.00
11	12	10	0.17	0.00	0.61	0.85	1.00	1.00	1.00
11	12	11	0.12	0.00	0.72	0.78	1.00	1.00	1.00
11	12	12	0.06	0.04	0.77	0.77	1.00	1.00	1.00
11	12	13	0.02	0.06	0.77	0.50	1.00	1.00	1.00
11	12	14	0.01	0.06	0.71	0.45	1.00	1.00	1.00
11	12	15	0.01	0.08	0.58	0.33	1.00	1.00	1.00
11	12	16	0.01	0.10	0.35	0.11	1.00	1.00	1.00
11	12	17	0.01	0.11	0.05	0.00	1.00	1.00	1.00
11	12	18	0.01	0.10	0.00	0.00	1.00	1.00	1.00
11	12	19	0.00	0.06	0.00	0.00	1.00	1.00	1.00
11	12	20	0.00	0.04	0.00	0.00	1.00	1.00	1.00
11	12	21	0.00	0.03	0.00	0.00	1.00	1.00	1.00
11	12	22	0.00	0.08	0.00	0.00	1.00	1.00	1.00
11	12	23	0.00	0.13	0.00	0.00	1.00	1.00	1.00
11	12	24	0.00	0.07	0.00	0.00	1.00	1.00	1.00
11	13	1	0.04	0.03	0.00	0.00	1.00	1.00	1.00
11	13	2	0.10	0.02	0.00	0.00	1.00	1.00	1.00
11	13	3	0.15	0.06	0.00	0.00	1.00	1.00	1.00
11	13	4	0.18	0.12	0.00	0.00	1.00	1.00	1.00
11	13	5	0.16	0.20	0.00	0.00	1.00	1.00	1.00
11	13	6	0.14	0.31	0.00	0.04	1.00	1.00	1.00
11	13	7	0.14	0.35	0.01	0.47	1.00	1.00	1.00

11	13	8	0.11	0.30	0.22	0.83	1.00	1.00	1.00
11	13	9	0.07	0.27	0.47	0.98	1.00	1.00	1.00
11	13	10	0.06	0.39	0.64	1.00	1.00	1.00	1.00
11	13	11	0.05	0.51	0.74	1.00	1.00	1.00	1.00
11	13	12	0.02	0.61	0.80	1.00	1.00	1.00	1.00
11	13	13	0.00	0.67	0.80	1.00	1.00	1.00	1.00
11	13	14	0.00	0.74	0.74	0.94	1.00	1.00	1.00
11	13	15	0.00	0.80	0.61	0.73	1.00	1.00	1.00
11	13	16	0.00	0.75	0.35	0.30	1.00	1.00	1.00
11	13	17	0.00	0.76	0.05	0.00	1.00	1.00	1.00
11	13	18	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	13	19	0.00	0.77	0.00	0.00	1.00	1.00	1.00
11	13	20	0.08	0.74	0.00	0.00	1.00	1.00	1.00
11	13	21	0.24	0.72	0.00	0.00	1.00	1.00	1.00
11	13	22	0.30	0.74	0.00	0.00	1.00	1.00	1.00
11	13	23	0.31	0.79	0.00	0.00	1.00	1.00	1.00
11	13	24	0.32	0.83	0.00	0.00	1.00	1.00	1.00
11	14	1	0.32	0.88	0.00	0.00	1.00	1.00	1.00
11	14	2	0.32	0.85	0.00	0.00	1.00	1.00	1.00
11	14	3	0.32	0.74	0.00	0.00	1.00	1.00	1.00
11	14	4	0.33	0.59	0.00	0.00	1.00	1.00	1.00
11	14	5	0.33	0.51	0.00	0.00	1.00	1.00	1.00
11	14	6	0.35	0.41	0.00	0.05	1.00	1.00	1.00
11	14	7	0.37	0.35	0.01	0.56	1.00	1.00	1.00
11	14	8	0.35	0.24	0.22	0.85	1.00	1.00	1.00
11	14	9	0.33	0.40	0.48	0.99	1.00	1.00	1.00
11	14	10	0.29	0.38	0.67	1.00	1.00	1.00	1.00
11	14	11	0.28	0.32	0.78	1.00	1.00	1.00	1.00
11	14	12	0.26	0.29	0.83	1.00	1.00	1.00	1.00
11	14	13	0.30	0.26	0.82	1.00	1.00	1.00	1.00
11	14	14	0.31	0.23	0.77	0.96	1.00	1.00	1.00
11	14	15	0.35	0.20	0.63	0.79	1.00	1.00	1.00
11	14	16	0.41	0.19	0.36	0.37	1.00	1.00	1.00
11	14	17	0.40	0.20	0.05	0.00	1.00	1.00	1.00
11	14	18	0.36	0.25	0.00	0.00	1.00	1.00	1.00
11	14	19	0.30	0.33	0.00	0.00	1.00	1.00	1.00
11	14	20	0.24	0.35	0.00	0.00	1.00	1.00	1.00
11	14	21	0.17	0.38	0.00	0.00	1.00	1.00	1.00
11	14	22	0.10	0.38	0.00	0.00	1.00	1.00	1.00
11	14	23	0.05	0.33	0.00	0.00	1.00	1.00	1.00
11	14	24	0.04	0.31	0.00	0.00	1.00	1.00	1.00
11	15	1	0.01	0.32	0.00	0.00	1.00	1.00	1.00
11	15	2	0.00	0.22	0.00	0.00	1.00	1.00	1.00
11	15	3	0.00	0.14	0.00	0.00	1.00	1.00	1.00
11	15	4	0.00	0.19	0.00	0.00	1.00	1.00	1.00
11	15	5	0.00	0.21	0.00	0.00	1.00	1.00	1.00
11	15	6	0.00	0.18	0.00	0.03	1.00	1.00	1.00
11	15	7	0.00	0.17	0.00	0.53	1.00	1.00	1.00
11	15	8	0.00	0.11	0.21	0.87	1.00	1.00	1.00

11	15	9	0.00	0.10	0.48	1.00	1.00	1.00	1.00
11	15	10	0.00	0.09	0.66	1.00	1.00	1.00	1.00
11	15	11	0.00	0.09	0.76	1.00	1.00	1.00	1.00
11	15	12	0.00	0.13	0.81	1.00	1.00	1.00	1.00
11	15	13	0.00	0.19	0.78	1.00	1.00	1.00	1.00
11	15	14	0.00	0.23	0.71	0.93	1.00	1.00	1.00
11	15	15	0.00	0.22	0.58	0.69	1.00	1.00	1.00
11	15	16	0.02	0.23	0.33	0.24	1.00	1.00	1.00
11	15	17	0.05	0.36	0.05	0.00	1.00	1.00	1.00
11	15	18	0.04	0.51	0.00	0.00	1.00	1.00	1.00
11	15	19	0.03	0.58	0.00	0.00	1.00	1.00	1.00
11	15	20	0.08	0.63	0.00	0.00	1.00	1.00	1.00
11	15	21	0.05	0.62	0.00	0.00	1.00	1.00	1.00
11	15	22	0.04	0.63	0.00	0.00	1.00	1.00	1.00
11	15	23	0.04	0.71	0.00	0.00	1.00	1.00	1.00
11	15	24	0.03	0.75	0.00	0.00	1.00	1.00	1.00
11	16	1	0.05	0.80	0.00	0.00	1.00	1.00	1.00
11	16	2	0.04	0.86	0.00	0.00	1.00	1.00	1.00
11	16	3	0.03	0.87	0.00	0.00	1.00	1.00	1.00
11	16	4	0.04	0.85	0.00	0.00	1.00	1.00	1.00
11	16	5	0.02	0.81	0.00	0.00	1.00	1.00	1.00
11	16	6	0.03	0.82	0.00	0.01	1.00	1.00	1.00
11	16	7	0.00	0.84	0.00	0.19	1.00	1.00	1.00
11	16	8	0.00	0.81	0.16	0.31	1.00	1.00	1.00
11	16	9	0.00	0.73	0.37	0.31	1.00	1.00	1.00
11	16	10	0.00	0.69	0.55	0.26	1.00	1.00	1.00
11	16	11	0.00	0.53	0.62	0.28	1.00	1.00	1.00
11	16	12	0.00	0.72	0.71	0.28	1.00	1.00	1.00
11	16	13	0.00	0.74	0.70	0.44	1.00	1.00	1.00
11	16	14	0.00	0.57	0.62	0.31	1.00	1.00	1.00
11	16	15	0.00	0.69	0.48	0.33	1.00	1.00	1.00
11	16	16	0.00	0.65	0.24	0.13	1.00	1.00	1.00
11	16	17	0.00	0.63	0.02	0.00	1.00	1.00	1.00
11	16	18	0.07	0.67	0.00	0.00	1.00	1.00	1.00
11	16	19	0.08	0.62	0.00	0.00	1.00	1.00	1.00
11	16	20	0.06	0.74	0.00	0.00	1.00	1.00	1.00
11	16	21	0.06	0.78	0.00	0.00	1.00	1.00	1.00
11	16	22	0.07	0.82	0.00	0.00	1.00	1.00	1.00
11	16	23	0.08	0.74	0.00	0.00	1.00	1.00	1.00
11	16	24	0.08	0.65	0.00	0.00	1.00	1.00	1.00
11	17	1	0.09	0.63	0.00	0.00	1.00	1.00	1.00
11	17	2	0.10	0.53	0.00	0.00	1.00	1.00	1.00
11	17	3	0.09	0.46	0.00	0.00	1.00	1.00	1.00
11	17	4	0.08	0.34	0.00	0.00	1.00	1.00	1.00
11	17	5	0.04	0.27	0.00	0.00	1.00	1.00	1.00
11	17	6	0.00	0.15	0.00	0.03	1.00	1.00	1.00
11	17	7	0.00	0.04	0.00	0.49	1.00	1.00	1.00
11	17	8	0.00	0.00	0.17	0.79	1.00	1.00	1.00
11	17	9	0.00	0.00	0.40	0.93	1.00	1.00	1.00

11	17	10	0.00	0.00	0.56	1.00	1.00	1.00	1.00
11	17	11	0.00	0.00	0.70	1.00	1.00	1.00	1.00
11	17	12	0.00	0.01	0.76	1.00	1.00	1.00	1.00
11	17	13	0.00	0.01	0.76	1.00	1.00	1.00	1.00
11	17	14	0.00	0.03	0.71	0.83	1.00	1.00	1.00
11	17	15	0.00	0.04	0.58	0.63	1.00	1.00	1.00
11	17	16	0.00	0.06	0.32	0.27	1.00	1.00	1.00
11	17	17	0.00	0.10	0.04	0.00	1.00	1.00	1.00
11	17	18	0.00	0.15	0.00	0.00	1.00	1.00	1.00
11	17	19	0.00	0.17	0.00	0.00	1.00	1.00	1.00
11	17	20	0.00	0.19	0.00	0.00	1.00	1.00	1.00
11	17	21	0.00	0.16	0.00	0.00	1.00	1.00	1.00
11	17	22	0.00	0.08	0.00	0.00	1.00	1.00	1.00
11	17	23	0.00	0.05	0.00	0.00	1.00	1.00	1.00
11	17	24	0.00	0.07	0.00	0.00	1.00	1.00	1.00
11	18	1	0.00	0.15	0.00	0.00	1.00	1.00	1.00
11	18	2	0.00	0.23	0.00	0.00	1.00	1.00	1.00
11	18	3	0.00	0.26	0.00	0.00	1.00	1.00	1.00
11	18	4	0.01	0.30	0.00	0.00	1.00	1.00	1.00
11	18	5	0.03	0.29	0.00	0.00	1.00	1.00	1.00
11	18	6	0.03	0.21	0.00	0.02	1.00	1.00	1.00
11	18	7	0.04	0.11	0.00	0.49	1.00	1.00	1.00
11	18	8	0.07	0.03	0.19	0.82	1.00	1.00	1.00
11	18	9	0.06	0.00	0.43	0.97	1.00	1.00	1.00
11	18	10	0.06	0.00	0.59	1.00	1.00	1.00	1.00
11	18	11	0.06	0.00	0.72	1.00	1.00	1.00	1.00
11	18	12	0.07	0.00	0.78	1.00	1.00	1.00	1.00
11	18	13	0.08	0.00	0.78	1.00	1.00	1.00	1.00
11	18	14	0.10	0.04	0.74	0.93	1.00	1.00	1.00
11	18	15	0.11	0.09	0.61	0.68	1.00	1.00	1.00
11	18	16	0.12	0.15	0.35	0.31	1.00	1.00	1.00
11	18	17	0.15	0.34	0.04	0.00	1.00	1.00	1.00
11	18	18	0.19	0.50	0.00	0.00	1.00	1.00	1.00
11	18	19	0.22	0.56	0.00	0.00	1.00	1.00	1.00
11	18	20	0.20	0.62	0.00	0.00	1.00	1.00	1.00
11	18	21	0.12	0.62	0.00	0.00	1.00	1.00	1.00
11	18	22	0.08	0.57	0.00	0.00	1.00	1.00	1.00
11	18	23	0.13	0.54	0.00	0.00	1.00	1.00	1.00
11	18	24	0.16	0.53	0.00	0.00	1.00	1.00	1.00
11	19	1	0.14	0.55	0.00	0.00	1.00	1.00	1.00
11	19	2	0.12	0.62	0.00	0.00	1.00	1.00	1.00
11	19	3	0.12	0.64	0.00	0.00	1.00	1.00	1.00
11	19	4	0.15	0.66	0.00	0.00	1.00	1.00	1.00
11	19	5	0.15	0.70	0.00	0.00	1.00	1.00	1.00
11	19	6	0.12	0.77	0.00	0.02	1.00	1.00	1.00
11	19	7	0.11	0.86	0.00	0.47	1.00	1.00	1.00
11	19	8	0.11	0.83	0.18	0.81	1.00	1.00	1.00
11	19	9	0.09	0.77	0.41	0.97	1.00	1.00	1.00
11	19	10	0.07	0.75	0.57	1.00	1.00	1.00	1.00

11	19	11	0.11	0.76	0.67	1.00	1.00	1.00	1.00
11	19	12	0.20	0.77	0.70	1.00	1.00	1.00	1.00
11	19	13	0.34	0.78	0.70	1.00	1.00	1.00	1.00
11	19	14	0.58	0.78	0.66	0.93	1.00	1.00	1.00
11	19	15	0.70	0.77	0.54	0.76	1.00	1.00	1.00
11	19	16	0.75	0.77	0.30	0.35	1.00	1.00	1.00
11	19	17	0.73	0.86	0.03	0.00	1.00	1.00	1.00
11	19	18	0.66	0.87	0.00	0.00	1.00	1.00	1.00
11	19	19	0.49	0.86	0.00	0.00	1.00	1.00	1.00
11	19	20	0.42	0.88	0.00	0.00	1.00	1.00	1.00
11	19	21	0.40	0.90	0.00	0.00	1.00	1.00	1.00
11	19	22	0.41	0.90	0.00	0.00	1.00	1.00	1.00
11	19	23	0.37	0.91	0.00	0.00	1.00	1.00	1.00
11	19	24	0.38	0.92	0.00	0.00	1.00	1.00	1.00
11	20	1	0.38	0.93	0.00	0.00	1.00	1.00	1.00
11	20	2	0.39	0.93	0.00	0.00	1.00	1.00	1.00
11	20	3	0.36	0.93	0.00	0.00	1.00	1.00	1.00
11	20	4	0.44	0.93	0.00	0.00	1.00	1.00	1.00
11	20	5	0.60	0.94	0.00	0.00	1.00	1.00	1.00
11	20	6	0.59	0.93	0.00	0.01	1.00	1.00	1.00
11	20	7	0.57	0.92	0.00	0.42	1.00	1.00	1.00
11	20	8	0.49	0.85	0.12	0.77	1.00	1.00	1.00
11	20	9	0.43	0.73	0.34	0.95	1.00	1.00	1.00
11	20	10	0.35	0.74	0.51	1.00	1.00	1.00	1.00
11	20	11	0.25	0.85	0.62	1.00	1.00	1.00	1.00
11	20	12	0.15	0.92	0.68	1.00	1.00	1.00	1.00
11	20	13	0.08	0.93	0.68	0.96	1.00	1.00	1.00
11	20	14	0.11	0.93	0.66	0.83	1.00	1.00	1.00
11	20	15	0.19	0.90	0.57	0.65	1.00	1.00	1.00
11	20	16	0.26	0.79	0.33	0.26	1.00	1.00	1.00
11	20	17	0.29	0.81	0.04	0.00	1.00	1.00	1.00
11	20	18	0.30	0.87	0.00	0.00	1.00	1.00	1.00
11	20	19	0.32	0.87	0.00	0.00	1.00	1.00	1.00
11	20	20	0.31	0.83	0.00	0.00	1.00	1.00	1.00
11	20	21	0.28	0.81	0.00	0.00	1.00	1.00	1.00
11	20	22	0.26	0.83	0.00	0.00	1.00	1.00	1.00
11	20	23	0.27	0.77	0.00	0.00	1.00	1.00	1.00
11	20	24	0.31	0.59	0.00	0.00	1.00	1.00	1.00
11	21	1	0.31	0.56	0.00	0.00	1.00	1.00	1.00
11	21	2	0.32	0.55	0.00	0.00	1.00	1.00	1.00
11	21	3	0.28	0.57	0.00	0.00	1.00	1.00	1.00
11	21	4	0.24	0.65	0.00	0.00	1.00	1.00	1.00
11	21	5	0.22	0.61	0.00	0.00	1.00	1.00	1.00
11	21	6	0.21	0.59	0.00	0.02	1.00	1.00	1.00
11	21	7	0.17	0.54	0.00	0.47	1.00	1.00	1.00
11	21	8	0.21	0.36	0.17	0.82	1.00	1.00	1.00
11	21	9	0.24	0.19	0.44	0.99	1.00	1.00	1.00
11	21	10	0.24	0.13	0.61	1.00	1.00	1.00	1.00
11	21	11	0.25	0.10	0.72	1.00	1.00	1.00	1.00

11	21	12	0.29	0.06	0.78	1.00	1.00	1.00	1.00
11	21	13	0.35	0.04	0.79	1.00	1.00	1.00	1.00
11	21	14	0.38	0.04	0.73	0.98	1.00	1.00	1.00
11	21	15	0.37	0.04	0.61	0.79	1.00	1.00	1.00
11	21	16	0.34	0.06	0.33	0.32	1.00	1.00	1.00
11	21	17	0.35	0.12	0.04	0.00	1.00	1.00	1.00
11	21	18	0.38	0.18	0.00	0.00	1.00	1.00	1.00
11	21	19	0.40	0.19	0.00	0.00	1.00	1.00	1.00
11	21	20	0.33	0.21	0.00	0.00	1.00	1.00	1.00
11	21	21	0.26	0.20	0.00	0.00	1.00	1.00	1.00
11	21	22	0.21	0.17	0.00	0.00	1.00	1.00	1.00
11	21	23	0.12	0.16	0.00	0.00	1.00	1.00	1.00
11	21	24	0.07	0.14	0.00	0.00	1.00	1.00	1.00
11	22	1	0.05	0.10	0.00	0.00	1.00	1.00	1.00
11	22	2	0.05	0.08	0.00	0.00	1.00	1.00	1.00
11	22	3	0.06	0.07	0.00	0.00	1.00	1.00	1.00
11	22	4	0.05	0.07	0.00	0.00	1.00	1.00	1.00
11	22	5	0.05	0.06	0.00	0.00	1.00	1.00	1.00
11	22	6	0.04	0.06	0.00	0.00	1.00	1.00	1.00
11	22	7	0.02	0.05	0.00	0.02	1.00	1.00	1.00
11	22	8	0.01	0.05	0.19	0.08	1.00	1.00	1.00
11	22	9	0.01	0.04	0.48	0.11	1.00	1.00	1.00
11	22	10	0.01	0.03	0.68	0.12	1.00	1.00	1.00
11	22	11	0.01	0.04	0.80	0.15	1.00	1.00	1.00
11	22	12	0.02	0.04	0.85	0.14	1.00	1.00	1.00
11	22	13	0.03	0.04	0.84	0.14	1.00	1.00	1.00
11	22	14	0.05	0.04	0.78	0.15	1.00	1.00	1.00
11	22	15	0.07	0.06	0.64	0.11	1.00	1.00	1.00
11	22	16	0.09	0.05	0.35	0.03	1.00	1.00	1.00
11	22	17	0.14	0.02	0.04	0.00	1.00	1.00	1.00
11	22	18	0.19	0.01	0.00	0.00	1.00	1.00	1.00
11	22	19	0.20	0.01	0.00	0.00	1.00	1.00	1.00
11	22	20	0.19	0.02	0.00	0.00	1.00	1.00	1.00
11	22	21	0.17	0.02	0.00	0.00	1.00	1.00	1.00
11	22	22	0.18	0.02	0.00	0.00	1.00	1.00	1.00
11	22	23	0.21	0.02	0.00	0.00	1.00	1.00	1.00
11	22	24	0.22	0.03	0.00	0.00	1.00	1.00	1.00
11	23	1	0.24	0.03	0.00	0.00	1.00	1.00	1.00
11	23	2	0.29	0.05	0.00	0.00	1.00	1.00	1.00
11	23	3	0.25	0.06	0.00	0.00	1.00	1.00	1.00
11	23	4	0.22	0.07	0.00	0.00	1.00	1.00	1.00
11	23	5	0.20	0.09	0.00	0.00	1.00	1.00	1.00
11	23	6	0.31	0.08	0.00	0.01	1.00	1.00	1.00
11	23	7	0.43	0.07	0.00	0.17	1.00	1.00	1.00
11	23	8	0.49	0.06	0.18	0.32	1.00	1.00	1.00
11	23	9	0.51	0.06	0.48	0.29	1.00	1.00	1.00
11	23	10	0.50	0.06	0.68	0.29	1.00	1.00	1.00
11	23	11	0.61	0.06	0.81	0.39	1.00	1.00	1.00
11	23	12	0.78	0.06	0.86	0.43	1.00	1.00	1.00

11	23	13	0.86	0.07	0.86	0.52	1.00	1.00	1.00
11	23	14	0.89	0.08	0.79	0.50	1.00	1.00	1.00
11	23	15	0.94	0.08	0.65	0.42	1.00	1.00	1.00
11	23	16	0.93	0.08	0.35	0.18	1.00	1.00	1.00
11	23	17	0.86	0.07	0.04	0.00	1.00	1.00	1.00
11	23	18	0.77	0.05	0.00	0.00	1.00	1.00	1.00
11	23	19	0.71	0.05	0.00	0.00	1.00	1.00	1.00
11	23	20	0.67	0.04	0.00	0.00	1.00	1.00	1.00
11	23	21	0.72	0.06	0.00	0.00	1.00	1.00	1.00
11	23	22	0.71	0.05	0.00	0.00	1.00	1.00	1.00
11	23	23	0.73	0.06	0.00	0.00	1.00	1.00	1.00
11	23	24	0.69	0.08	0.00	0.00	1.00	1.00	1.00
11	24	1	0.55	0.12	0.00	0.00	1.00	1.00	1.00
11	24	2	0.42	0.26	0.00	0.00	1.00	1.00	1.00
11	24	3	0.35	0.26	0.00	0.00	1.00	1.00	1.00
11	24	4	0.34	0.19	0.00	0.00	1.00	1.00	1.00
11	24	5	0.35	0.20	0.00	0.00	1.00	1.00	1.00
11	24	6	0.30	0.16	0.00	0.00	1.00	1.00	1.00
11	24	7	0.21	0.10	0.00	0.19	1.00	1.00	1.00
11	24	8	0.15	0.09	0.18	0.25	1.00	1.00	1.00
11	24	9	0.09	0.13	0.46	0.24	1.00	1.00	1.00
11	24	10	0.06	0.20	0.65	0.45	1.00	1.00	1.00
11	24	11	0.06	0.23	0.76	0.50	1.00	1.00	1.00
11	24	12	0.09	0.20	0.79	0.57	1.00	1.00	1.00
11	24	13	0.11	0.15	0.78	0.58	1.00	1.00	1.00
11	24	14	0.12	0.14	0.70	0.68	1.00	1.00	1.00
11	24	15	0.12	0.09	0.53	0.66	1.00	1.00	1.00
11	24	16	0.12	0.07	0.28	0.28	1.00	1.00	1.00
11	24	17	0.13	0.06	0.03	0.00	1.00	1.00	1.00
11	24	18	0.11	0.04	0.00	0.00	1.00	1.00	1.00
11	24	19	0.09	0.03	0.00	0.00	1.00	1.00	1.00
11	24	20	0.08	0.02	0.00	0.00	1.00	1.00	1.00
11	24	21	0.05	0.02	0.00	0.00	1.00	1.00	1.00
11	24	22	0.03	0.04	0.00	0.00	1.00	1.00	1.00
11	24	23	0.00	0.08	0.00	0.00	1.00	1.00	1.00
11	24	24	0.00	0.08	0.00	0.00	1.00	1.00	1.00
11	25	1	0.00	0.10	0.00	0.00	1.00	1.00	1.00
11	25	2	0.00	0.21	0.00	0.00	1.00	1.00	1.00
11	25	3	0.00	0.40	0.00	0.00	1.00	1.00	1.00
11	25	4	0.00	0.47	0.00	0.00	1.00	1.00	1.00
11	25	5	0.00	0.49	0.00	0.00	1.00	1.00	1.00
11	25	6	0.00	0.49	0.00	0.01	1.00	1.00	1.00
11	25	7	0.00	0.46	0.00	0.40	1.00	1.00	1.00
11	25	8	0.00	0.39	0.10	0.64	1.00	1.00	1.00
11	25	9	0.00	0.27	0.23	0.62	1.00	1.00	1.00
11	25	10	0.00	0.20	0.38	0.76	1.00	1.00	1.00
11	25	11	0.00	0.22	0.51	0.92	1.00	1.00	1.00
11	25	12	0.00	0.31	0.58	1.00	1.00	1.00	1.00
11	25	13	0.00	0.45	0.57	1.00	1.00	1.00	1.00

11	25	14	0.00	0.60	0.43	0.97	1.00	1.00	1.00
11	25	15	0.00	0.74	0.32	0.83	1.00	1.00	1.00
11	25	16	0.00	0.86	0.17	0.37	1.00	1.00	1.00
11	25	17	0.00	0.78	0.01	0.00	1.00	1.00	1.00
11	25	18	0.00	0.65	0.00	0.00	1.00	1.00	1.00
11	25	19	0.00	0.58	0.00	0.00	1.00	1.00	1.00
11	25	20	0.00	0.45	0.00	0.00	1.00	1.00	1.00
11	25	21	0.00	0.33	0.00	0.00	1.00	1.00	1.00
11	25	22	0.00	0.24	0.00	0.00	1.00	1.00	1.00
11	25	23	0.00	0.19	0.00	0.00	1.00	1.00	1.00
11	25	24	0.00	0.17	0.00	0.00	1.00	1.00	1.00
11	26	1	0.00	0.20	0.00	0.00	1.00	1.00	1.00
11	26	2	0.00	0.20	0.00	0.00	1.00	1.00	1.00
11	26	3	0.00	0.18	0.00	0.00	1.00	1.00	1.00
11	26	4	0.02	0.16	0.00	0.00	1.00	1.00	1.00
11	26	5	0.06	0.17	0.00	0.00	1.00	1.00	1.00
11	26	6	0.12	0.19	0.00	0.01	1.00	1.00	1.00
11	26	7	0.11	0.18	0.00	0.36	1.00	1.00	1.00
11	26	8	0.09	0.15	0.16	0.61	1.00	1.00	1.00
11	26	9	0.10	0.12	0.43	0.75	1.00	1.00	1.00
11	26	10	0.10	0.11	0.62	0.87	1.00	1.00	1.00
11	26	11	0.12	0.11	0.73	0.87	1.00	1.00	1.00
11	26	12	0.15	0.11	0.77	0.76	1.00	1.00	1.00
11	26	13	0.12	0.12	0.75	0.77	1.00	1.00	1.00
11	26	14	0.04	0.12	0.70	0.72	1.00	1.00	1.00
11	26	15	0.02	0.14	0.57	0.63	1.00	1.00	1.00
11	26	16	0.03	0.22	0.30	0.28	1.00	1.00	1.00
11	26	17	0.02	0.31	0.03	0.00	1.00	1.00	1.00
11	26	18	0.00	0.33	0.00	0.00	1.00	1.00	1.00
11	26	19	0.00	0.35	0.00	0.00	1.00	1.00	1.00
11	26	20	0.00	0.30	0.00	0.00	1.00	1.00	1.00
11	26	21	0.00	0.16	0.00	0.00	1.00	1.00	1.00
11	26	22	0.00	0.07	0.00	0.00	1.00	1.00	1.00
11	26	23	0.00	0.02	0.00	0.00	1.00	1.00	1.00
11	26	24	0.02	0.00	0.00	0.00	1.00	1.00	1.00
11	27	1	0.09	0.00	0.00	0.00	1.00	1.00	1.00
11	27	2	0.08	0.01	0.00	0.00	1.00	1.00	1.00
11	27	3	0.09	0.02	0.00	0.00	1.00	1.00	1.00
11	27	4	0.15	0.05	0.00	0.00	1.00	1.00	1.00
11	27	5	0.17	0.12	0.00	0.00	1.00	1.00	1.00
11	27	6	0.23	0.22	0.00	0.01	1.00	1.00	1.00
11	27	7	0.25	0.33	0.00	0.45	1.00	1.00	1.00
11	27	8	0.23	0.37	0.07	0.79	1.00	1.00	1.00
11	27	9	0.19	0.34	0.27	0.99	1.00	1.00	1.00
11	27	10	0.14	0.33	0.42	1.00	1.00	1.00	1.00
11	27	11	0.14	0.43	0.49	1.00	1.00	1.00	1.00
11	27	12	0.18	0.49	0.62	1.00	1.00	1.00	1.00
11	27	13	0.34	0.51	0.64	0.95	1.00	1.00	1.00
11	27	14	0.54	0.56	0.54	0.76	1.00	1.00	1.00

11	27	15	0.56	0.62	0.41	0.59	1.00	1.00	1.00
11	27	16	0.48	0.65	0.26	0.25	1.00	1.00	1.00
11	27	17	0.43	0.66	0.02	0.00	1.00	1.00	1.00
11	27	18	0.42	0.70	0.00	0.00	1.00	1.00	1.00
11	27	19	0.29	0.75	0.00	0.00	1.00	1.00	1.00
11	27	20	0.32	0.78	0.00	0.00	1.00	1.00	1.00
11	27	21	0.31	0.80	0.00	0.00	1.00	1.00	1.00
11	27	22	0.21	0.81	0.00	0.00	1.00	1.00	1.00
11	27	23	0.12	0.85	0.00	0.00	1.00	1.00	1.00
11	27	24	0.13	0.89	0.00	0.00	1.00	1.00	1.00
11	28	1	0.14	0.87	0.00	0.00	1.00	1.00	1.00
11	28	2	0.13	0.83	0.00	0.00	1.00	1.00	1.00
11	28	3	0.10	0.85	0.00	0.00	1.00	1.00	1.00
11	28	4	0.09	0.86	0.00	0.00	1.00	1.00	1.00
11	28	5	0.16	0.88	0.00	0.00	1.00	1.00	1.00
11	28	6	0.14	0.82	0.00	0.00	1.00	1.00	1.00
11	28	7	0.12	0.75	0.00	0.31	1.00	1.00	1.00
11	28	8	0.09	0.70	0.09	0.65	1.00	1.00	1.00
11	28	9	0.06	0.67	0.30	0.78	1.00	1.00	1.00
11	28	10	0.05	0.66	0.51	0.90	1.00	1.00	1.00
11	28	11	0.05	0.69	0.66	0.85	1.00	1.00	1.00
11	28	12	0.07	0.72	0.72	0.87	1.00	1.00	1.00
11	28	13	0.06	0.72	0.70	0.93	1.00	1.00	1.00
11	28	14	0.07	0.72	0.60	0.87	1.00	1.00	1.00
11	28	15	0.05	0.59	0.46	0.65	1.00	1.00	1.00
11	28	16	0.04	0.36	0.24	0.24	1.00	1.00	1.00
11	28	17	0.03	0.19	0.02	0.00	1.00	1.00	1.00
11	28	18	0.02	0.14	0.00	0.00	1.00	1.00	1.00
11	28	19	0.00	0.13	0.00	0.00	1.00	1.00	1.00
11	28	20	0.00	0.11	0.00	0.00	1.00	1.00	1.00
11	28	21	0.00	0.18	0.00	0.00	1.00	1.00	1.00
11	28	22	0.00	0.17	0.00	0.00	1.00	1.00	1.00
11	28	23	0.00	0.09	0.00	0.00	1.00	1.00	1.00
11	28	24	0.05	0.09	0.00	0.00	1.00	1.00	1.00
11	29	1	0.19	0.17	0.00	0.00	1.00	1.00	1.00
11	29	2	0.22	0.25	0.00	0.00	1.00	1.00	1.00
11	29	3	0.22	0.29	0.00	0.00	1.00	1.00	1.00
11	29	4	0.22	0.34	0.00	0.00	1.00	1.00	1.00
11	29	5	0.21	0.37	0.00	0.00	1.00	1.00	1.00
11	29	6	0.20	0.39	0.00	0.00	1.00	1.00	1.00
11	29	7	0.18	0.43	0.00	0.28	1.00	1.00	1.00
11	29	8	0.16	0.44	0.14	0.56	1.00	1.00	1.00
11	29	9	0.13	0.42	0.39	0.81	1.00	1.00	1.00
11	29	10	0.11	0.43	0.57	0.72	1.00	1.00	1.00
11	29	11	0.09	0.55	0.63	0.67	1.00	1.00	1.00
11	29	12	0.07	0.75	0.72	0.43	1.00	1.00	1.00
11	29	13	0.05	0.84	0.73	0.61	1.00	1.00	1.00
11	29	14	0.06	0.84	0.66	0.54	1.00	1.00	1.00
11	29	15	0.10	0.80	0.49	0.34	1.00	1.00	1.00

11	29	16	0.15	0.80	0.27	0.13	1.00	1.00	1.00
11	29	17	0.21	0.79	0.02	0.00	1.00	1.00	1.00
11	29	18	0.28	0.82	0.00	0.00	1.00	1.00	1.00
11	29	19	0.24	0.82	0.00	0.00	1.00	1.00	1.00
11	29	20	0.22	0.82	0.00	0.00	1.00	1.00	1.00
11	29	21	0.22	0.78	0.00	0.00	1.00	1.00	1.00
11	29	22	0.26	0.66	0.00	0.00	1.00	1.00	1.00
11	29	23	0.31	0.62	0.00	0.00	1.00	1.00	1.00
11	29	24	0.27	0.58	0.00	0.00	1.00	1.00	1.00
11	30	1	0.28	0.53	0.00	0.00	1.00	1.00	1.00
11	30	2	0.30	0.43	0.00	0.00	1.00	1.00	1.00
11	30	3	0.31	0.35	0.00	0.00	1.00	1.00	1.00
11	30	4	0.36	0.25	0.00	0.00	1.00	1.00	1.00
11	30	5	0.37	0.20	0.00	0.00	1.00	1.00	1.00
11	30	6	0.29	0.22	0.00	0.00	1.00	1.00	1.00
11	30	7	0.27	0.27	0.00	0.03	1.00	1.00	1.00
11	30	8	0.20	0.26	0.02	0.11	1.00	1.00	1.00
11	30	9	0.11	0.14	0.11	0.18	1.00	1.00	1.00
11	30	10	0.11	0.03	0.21	0.20	1.00	1.00	1.00
11	30	11	0.23	0.02	0.27	0.21	1.00	1.00	1.00
11	30	12	0.31	0.05	0.30	0.26	1.00	1.00	1.00
11	30	13	0.29	0.09	0.28	0.22	1.00	1.00	1.00
11	30	14	0.28	0.11	0.27	0.14	1.00	1.00	1.00
11	30	15	0.25	0.14	0.25	0.15	1.00	1.00	1.00
11	30	16	0.27	0.17	0.16	0.04	1.00	1.00	1.00
11	30	17	0.17	0.20	0.02	0.00	1.00	1.00	1.00
11	30	18	0.26	0.22	0.00	0.00	1.00	1.00	1.00
11	30	19	0.30	0.23	0.00	0.00	1.00	1.00	1.00
11	30	20	0.30	0.33	0.00	0.00	1.00	1.00	1.00
11	30	21	0.32	0.43	0.00	0.00	1.00	1.00	1.00
11	30	22	0.32	0.54	0.00	0.00	1.00	1.00	1.00
11	30	23	0.26	0.74	0.00	0.00	1.00	1.00	1.00
11	30	24	0.30	0.86	0.00	0.00	1.00	1.00	1.00
12	1	1	0.41	0.91	0.00	0.00	1.00	1.00	1.00
12	1	2	0.49	0.92	0.00	0.00	1.00	1.00	1.00
12	1	3	0.47	0.91	0.00	0.00	1.00	1.00	1.00
12	1	4	0.51	0.96	0.00	0.00	1.00	1.00	1.00
12	1	5	0.60	0.98	0.00	0.00	1.00	1.00	1.00
12	1	6	0.47	0.98	0.00	0.00	1.00	1.00	1.00
12	1	7	0.42	0.93	0.00	0.15	1.00	1.00	1.00
12	1	8	0.40	0.91	0.13	0.38	1.00	1.00	1.00
12	1	9	0.42	0.88	0.38	0.52	1.00	1.00	1.00
12	1	10	0.46	0.89	0.55	0.69	1.00	1.00	1.00
12	1	11	0.54	0.94	0.69	0.78	1.00	1.00	1.00
12	1	12	0.74	1.00	0.73	0.61	1.00	1.00	1.00
12	1	13	0.94	1.00	0.72	0.77	1.00	1.00	1.00
12	1	14	0.91	1.00	0.67	0.77	1.00	1.00	1.00
12	1	15	0.78	1.00	0.52	0.48	1.00	1.00	1.00
12	1	16	0.79	0.99	0.29	0.19	1.00	1.00	1.00

12	1	17	0.79	0.98	0.02	0.00	1.00	1.00	1.00
12	1	18	0.81	0.98	0.00	0.00	1.00	1.00	1.00
12	1	19	0.60	0.97	0.00	0.00	1.00	1.00	1.00
12	1	20	0.44	0.97	0.00	0.00	1.00	1.00	1.00
12	1	21	0.39	0.97	0.00	0.00	1.00	1.00	1.00
12	1	22	0.36	0.96	0.00	0.00	1.00	1.00	1.00
12	1	23	0.28	0.76	0.00	0.00	1.00	1.00	1.00
12	1	24	0.23	0.59	0.00	0.00	1.00	1.00	1.00
12	2	1	0.14	0.52	0.00	0.00	1.00	1.00	1.00
12	2	2	0.11	0.55	0.00	0.00	1.00	1.00	1.00
12	2	3	0.09	0.62	0.00	0.00	1.00	1.00	1.00
12	2	4	0.05	0.71	0.00	0.00	1.00	1.00	1.00
12	2	5	0.03	0.74	0.00	0.00	1.00	1.00	1.00
12	2	6	0.04	0.68	0.00	0.00	1.00	1.00	1.00
12	2	7	0.01	0.77	0.00	0.40	1.00	1.00	1.00
12	2	8	0.01	0.72	0.13	0.81	1.00	1.00	1.00
12	2	9	0.02	0.59	0.38	0.97	1.00	1.00	1.00
12	2	10	0.03	0.50	0.56	1.00	1.00	1.00	1.00
12	2	11	0.06	0.46	0.66	1.00	1.00	1.00	1.00
12	2	12	0.09	0.41	0.72	1.00	1.00	1.00	1.00
12	2	13	0.12	0.41	0.73	1.00	1.00	1.00	1.00
12	2	14	0.13	0.44	0.63	0.96	1.00	1.00	1.00
12	2	15	0.16	0.32	0.52	0.73	1.00	1.00	1.00
12	2	16	0.18	0.31	0.28	0.29	1.00	1.00	1.00
12	2	17	0.22	0.42	0.02	0.00	1.00	1.00	1.00
12	2	18	0.16	0.42	0.00	0.00	1.00	1.00	1.00
12	2	19	0.19	0.39	0.00	0.00	1.00	1.00	1.00
12	2	20	0.19	0.36	0.00	0.00	1.00	1.00	1.00
12	2	21	0.16	0.40	0.00	0.00	1.00	1.00	1.00
12	2	22	0.16	0.43	0.00	0.00	1.00	1.00	1.00
12	2	23	0.17	0.42	0.00	0.00	1.00	1.00	1.00
12	2	24	0.21	0.43	0.00	0.00	1.00	1.00	1.00
12	3	1	0.19	0.42	0.00	0.00	1.00	1.00	1.00
12	3	2	0.21	0.40	0.00	0.00	1.00	1.00	1.00
12	3	3	0.21	0.41	0.00	0.00	1.00	1.00	1.00
12	3	4	0.23	0.43	0.00	0.00	1.00	1.00	1.00
12	3	5	0.22	0.41	0.00	0.00	1.00	1.00	1.00
12	3	6	0.20	0.41	0.00	0.00	1.00	1.00	1.00
12	3	7	0.18	0.53	0.00	0.35	1.00	1.00	1.00
12	3	8	0.16	0.54	0.16	0.77	1.00	1.00	1.00
12	3	9	0.14	0.65	0.43	0.96	1.00	1.00	1.00
12	3	10	0.13	0.68	0.62	1.00	1.00	1.00	1.00
12	3	11	0.11	0.76	0.73	1.00	1.00	1.00	1.00
12	3	12	0.10	0.83	0.76	1.00	1.00	1.00	1.00
12	3	13	0.08	0.85	0.77	1.00	1.00	1.00	1.00
12	3	14	0.09	0.88	0.70	0.92	1.00	1.00	1.00
12	3	15	0.08	0.93	0.56	0.72	1.00	1.00	1.00
12	3	16	0.10	0.97	0.31	0.27	1.00	1.00	1.00
12	3	17	0.10	0.96	0.03	0.00	1.00	1.00	1.00

12	3	18	0.10	0.89	0.00	0.00	1.00	1.00	1.00
12	3	19	0.15	0.83	0.00	0.00	1.00	1.00	1.00
12	3	20	0.15	0.74	0.00	0.00	1.00	1.00	1.00
12	3	21	0.12	0.70	0.00	0.00	1.00	1.00	1.00
12	3	22	0.09	0.66	0.00	0.00	1.00	1.00	1.00
12	3	23	0.07	0.65	0.00	0.00	1.00	1.00	1.00
12	3	24	0.09	0.63	0.00	0.00	1.00	1.00	1.00
12	4	1	0.07	0.64	0.00	0.00	1.00	1.00	1.00
12	4	2	0.04	0.67	0.00	0.00	1.00	1.00	1.00
12	4	3	0.02	0.61	0.00	0.00	1.00	1.00	1.00
12	4	4	0.02	0.57	0.00	0.00	1.00	1.00	1.00
12	4	5	0.00	0.61	0.00	0.00	1.00	1.00	1.00
12	4	6	0.00	0.62	0.00	0.00	1.00	1.00	1.00
12	4	7	0.00	0.56	0.00	0.41	1.00	1.00	1.00
12	4	8	0.00	0.41	0.14	0.77	1.00	1.00	1.00
12	4	9	0.00	0.25	0.38	0.93	1.00	1.00	1.00
12	4	10	0.00	0.27	0.54	0.98	1.00	1.00	1.00
12	4	11	0.00	0.31	0.62	0.96	1.00	1.00	1.00
12	4	12	0.00	0.33	0.68	0.92	1.00	1.00	1.00
12	4	13	0.00	0.40	0.67	0.87	1.00	1.00	1.00
12	4	14	0.00	0.43	0.64	0.78	1.00	1.00	1.00
12	4	15	0.00	0.46	0.53	0.60	1.00	1.00	1.00
12	4	16	0.00	0.50	0.28	0.23	1.00	1.00	1.00
12	4	17	0.00	0.52	0.02	0.00	1.00	1.00	1.00
12	4	18	0.00	0.54	0.00	0.00	1.00	1.00	1.00
12	4	19	0.00	0.51	0.00	0.00	1.00	1.00	1.00
12	4	20	0.00	0.50	0.00	0.00	1.00	1.00	1.00
12	4	21	0.00	0.51	0.00	0.00	1.00	1.00	1.00
12	4	22	0.00	0.54	0.00	0.00	1.00	1.00	1.00
12	4	23	0.00	0.60	0.00	0.00	1.00	1.00	1.00
12	4	24	0.00	0.57	0.00	0.00	1.00	1.00	1.00
12	5	1	0.00	0.51	0.00	0.00	1.00	1.00	1.00
12	5	2	0.00	0.59	0.00	0.00	1.00	1.00	1.00
12	5	3	0.00	0.65	0.00	0.00	1.00	1.00	1.00
12	5	4	0.00	0.38	0.00	0.00	1.00	1.00	1.00
12	5	5	0.00	0.24	0.00	0.00	1.00	1.00	1.00
12	5	6	0.00	0.26	0.00	0.00	1.00	1.00	1.00
12	5	7	0.00	0.22	0.00	0.31	1.00	1.00	1.00
12	5	8	0.00	0.19	0.10	0.73	1.00	1.00	1.00
12	5	9	0.00	0.17	0.29	0.90	1.00	1.00	1.00
12	5	10	0.00	0.10	0.46	0.89	1.00	1.00	1.00
12	5	11	0.00	0.07	0.64	0.69	1.00	1.00	1.00
12	5	12	0.00	0.04	0.73	0.67	1.00	1.00	1.00
12	5	13	0.00	0.02	0.76	0.60	1.00	1.00	1.00
12	5	14	0.00	0.01	0.71	0.53	1.00	1.00	1.00
12	5	15	0.02	0.00	0.58	0.43	1.00	1.00	1.00
12	5	16	0.12	0.01	0.31	0.15	1.00	1.00	1.00
12	5	17	0.15	0.01	0.03	0.00	1.00	1.00	1.00
12	5	18	0.15	0.01	0.00	0.00	1.00	1.00	1.00

12	5	19	0.14	0.02	0.00	0.00	1.00	1.00	1.00
12	5	20	0.16	0.09	0.00	0.00	1.00	1.00	1.00
12	5	21	0.22	0.21	0.00	0.00	1.00	1.00	1.00
12	5	22	0.24	0.32	0.00	0.00	1.00	1.00	1.00
12	5	23	0.25	0.41	0.00	0.00	1.00	1.00	1.00
12	5	24	0.23	0.49	0.00	0.00	1.00	1.00	1.00
12	6	1	0.19	0.55	0.00	0.00	1.00	1.00	1.00
12	6	2	0.12	0.61	0.00	0.00	1.00	1.00	1.00
12	6	3	0.11	0.65	0.00	0.00	1.00	1.00	1.00
12	6	4	0.11	0.65	0.00	0.00	1.00	1.00	1.00
12	6	5	0.10	0.69	0.00	0.00	1.00	1.00	1.00
12	6	6	0.18	0.76	0.00	0.00	1.00	1.00	1.00
12	6	7	0.22	0.82	0.00	0.26	1.00	1.00	1.00
12	6	8	0.26	0.86	0.04	0.56	1.00	1.00	1.00
12	6	9	0.28	0.92	0.15	0.73	1.00	1.00	1.00
12	6	10	0.26	0.94	0.26	0.82	1.00	1.00	1.00
12	6	11	0.27	0.94	0.35	0.84	1.00	1.00	1.00
12	6	12	0.31	0.92	0.33	0.86	1.00	1.00	1.00
12	6	13	0.36	0.91	0.40	0.80	1.00	1.00	1.00
12	6	14	0.46	0.91	0.34	0.73	1.00	1.00	1.00
12	6	15	0.60	0.87	0.24	0.52	1.00	1.00	1.00
12	6	16	0.63	0.76	0.13	0.16	1.00	1.00	1.00
12	6	17	0.58	0.73	0.01	0.00	1.00	1.00	1.00
12	6	18	0.54	0.76	0.00	0.00	1.00	1.00	1.00
12	6	19	0.51	0.77	0.00	0.00	1.00	1.00	1.00
12	6	20	0.59	0.74	0.00	0.00	1.00	1.00	1.00
12	6	21	0.61	0.76	0.00	0.00	1.00	1.00	1.00
12	6	22	0.68	0.78	0.00	0.00	1.00	1.00	1.00
12	6	23	0.58	0.75	0.00	0.00	1.00	1.00	1.00
12	6	24	0.58	0.75	0.00	0.00	1.00	1.00	1.00
12	7	1	0.65	0.76	0.00	0.00	1.00	1.00	1.00
12	7	2	0.66	0.78	0.00	0.00	1.00	1.00	1.00
12	7	3	0.72	0.76	0.00	0.00	1.00	1.00	1.00
12	7	4	0.75	0.73	0.00	0.00	1.00	1.00	1.00
12	7	5	0.82	0.76	0.00	0.00	1.00	1.00	1.00
12	7	6	0.84	0.79	0.00	0.00	1.00	1.00	1.00
12	7	7	0.82	0.76	0.00	0.13	1.00	1.00	1.00
12	7	8	0.80	0.74	0.03	0.40	1.00	1.00	1.00
12	7	9	0.79	0.74	0.14	0.61	1.00	1.00	1.00
12	7	10	0.81	0.78	0.26	0.71	1.00	1.00	1.00
12	7	11	0.95	0.80	0.33	0.77	1.00	1.00	1.00
12	7	12	0.99	0.79	0.42	0.76	1.00	1.00	1.00
12	7	13	0.98	0.83	0.42	0.47	1.00	1.00	1.00
12	7	14	0.95	0.92	0.39	0.58	1.00	1.00	1.00
12	7	15	0.92	0.91	0.34	0.45	1.00	1.00	1.00
12	7	16	0.90	0.79	0.20	0.16	1.00	1.00	1.00
12	7	17	0.88	0.78	0.01	0.00	1.00	1.00	1.00
12	7	18	0.76	0.75	0.00	0.00	1.00	1.00	1.00
12	7	19	0.73	0.80	0.00	0.00	1.00	1.00	1.00

12	7	20	0.77	0.85	0.00	0.00	1.00	1.00	1.00
12	7	21	0.77	0.80	0.00	0.00	1.00	1.00	1.00
12	7	22	0.47	0.76	0.00	0.00	1.00	1.00	1.00
12	7	23	0.49	0.73	0.00	0.00	1.00	1.00	1.00
12	7	24	0.52	0.75	0.00	0.00	1.00	1.00	1.00
12	8	1	0.51	0.75	0.00	0.00	1.00	1.00	1.00
12	8	2	0.60	0.74	0.00	0.00	1.00	1.00	1.00
12	8	3	0.55	0.79	0.00	0.00	1.00	1.00	1.00
12	8	4	0.52	0.82	0.00	0.00	1.00	1.00	1.00
12	8	5	0.48	0.81	0.00	0.00	1.00	1.00	1.00
12	8	6	0.48	0.85	0.00	0.00	1.00	1.00	1.00
12	8	7	0.40	0.85	0.00	0.25	1.00	1.00	1.00
12	8	8	0.33	0.81	0.08	0.56	1.00	1.00	1.00
12	8	9	0.35	0.68	0.30	0.60	1.00	1.00	1.00
12	8	10	0.51	0.62	0.41	0.52	1.00	1.00	1.00
12	8	11	0.49	0.64	0.49	0.55	1.00	1.00	1.00
12	8	12	0.39	0.70	0.53	0.56	1.00	1.00	1.00
12	8	13	0.32	0.83	0.53	0.59	1.00	1.00	1.00
12	8	14	0.28	0.87	0.47	0.61	1.00	1.00	1.00
12	8	15	0.37	0.88	0.39	0.47	1.00	1.00	1.00
12	8	16	0.44	0.71	0.26	0.18	1.00	1.00	1.00
12	8	17	0.43	0.49	0.02	0.00	1.00	1.00	1.00
12	8	18	0.43	0.40	0.00	0.00	1.00	1.00	1.00
12	8	19	0.32	0.37	0.00	0.00	1.00	1.00	1.00
12	8	20	0.19	0.45	0.00	0.00	1.00	1.00	1.00
12	8	21	0.13	0.44	0.00	0.00	1.00	1.00	1.00
12	8	22	0.17	0.39	0.00	0.00	1.00	1.00	1.00
12	8	23	0.26	0.31	0.00	0.00	1.00	1.00	1.00
12	8	24	0.23	0.18	0.00	0.00	1.00	1.00	1.00
12	9	1	0.23	0.10	0.00	0.00	1.00	1.00	1.00
12	9	2	0.32	0.04	0.00	0.00	1.00	1.00	1.00
12	9	3	0.36	0.01	0.00	0.00	1.00	1.00	1.00
12	9	4	0.35	0.00	0.00	0.00	1.00	1.00	1.00
12	9	5	0.34	0.00	0.00	0.00	1.00	1.00	1.00
12	9	6	0.38	0.00	0.00	0.00	1.00	1.00	1.00
12	9	7	0.41	0.00	0.00	0.22	1.00	1.00	1.00
12	9	8	0.42	0.00	0.10	0.62	1.00	1.00	1.00
12	9	9	0.42	0.00	0.35	0.73	1.00	1.00	1.00
12	9	10	0.50	0.00	0.55	0.75	1.00	1.00	1.00
12	9	11	0.56	0.01	0.65	0.93	1.00	1.00	1.00
12	9	12	0.50	0.04	0.69	0.93	1.00	1.00	1.00
12	9	13	0.39	0.04	0.67	0.88	1.00	1.00	1.00
12	9	14	0.39	0.05	0.58	0.84	1.00	1.00	1.00
12	9	15	0.42	0.06	0.45	0.62	1.00	1.00	1.00
12	9	16	0.47	0.08	0.28	0.19	1.00	1.00	1.00
12	9	17	0.48	0.09	0.02	0.00	1.00	1.00	1.00
12	9	18	0.41	0.09	0.00	0.00	1.00	1.00	1.00
12	9	19	0.37	0.07	0.00	0.00	1.00	1.00	1.00
12	9	20	0.42	0.06	0.00	0.00	1.00	1.00	1.00

12	9	21	0.37	0.05	0.00	0.00	1.00	1.00	1.00
12	9	22	0.32	0.04	0.00	0.00	1.00	1.00	1.00
12	9	23	0.30	0.02	0.00	0.00	1.00	1.00	1.00
12	9	24	0.27	0.02	0.00	0.00	1.00	1.00	1.00
12	10	1	0.21	0.01	0.00	0.00	1.00	1.00	1.00
12	10	2	0.17	0.01	0.00	0.00	1.00	1.00	1.00
12	10	3	0.12	0.02	0.00	0.00	1.00	1.00	1.00
12	10	4	0.08	0.01	0.00	0.00	1.00	1.00	1.00
12	10	5	0.07	0.01	0.00	0.00	1.00	1.00	1.00
12	10	6	0.06	0.01	0.00	0.00	1.00	1.00	1.00
12	10	7	0.05	0.01	0.00	0.07	1.00	1.00	1.00
12	10	8	0.04	0.01	0.13	0.22	1.00	1.00	1.00
12	10	9	0.02	0.01	0.42	0.28	1.00	1.00	1.00
12	10	10	0.02	0.00	0.63	0.31	1.00	1.00	1.00
12	10	11	0.03	0.01	0.75	0.36	1.00	1.00	1.00
12	10	12	0.04	0.00	0.81	0.36	1.00	1.00	1.00
12	10	13	0.07	0.00	0.82	0.11	1.00	1.00	1.00
12	10	14	0.10	0.02	0.75	0.04	1.00	1.00	1.00
12	10	15	0.14	0.04	0.63	0.08	1.00	1.00	1.00
12	10	16	0.19	0.03	0.35	0.02	1.00	1.00	1.00
12	10	17	0.28	0.02	0.03	0.00	1.00	1.00	1.00
12	10	18	0.33	0.01	0.00	0.00	1.00	1.00	1.00
12	10	19	0.34	0.07	0.00	0.00	1.00	1.00	1.00
12	10	20	0.31	0.20	0.00	0.00	1.00	1.00	1.00
12	10	21	0.35	0.27	0.00	0.00	1.00	1.00	1.00
12	10	22	0.46	0.30	0.00	0.00	1.00	1.00	1.00
12	10	23	0.53	0.30	0.00	0.00	1.00	1.00	1.00
12	10	24	0.62	0.16	0.00	0.00	1.00	1.00	1.00
12	11	1	0.68	0.14	0.00	0.00	1.00	1.00	1.00
12	11	2	0.65	0.21	0.00	0.00	1.00	1.00	1.00
12	11	3	0.60	0.26	0.00	0.00	1.00	1.00	1.00
12	11	4	0.61	0.28	0.00	0.00	1.00	1.00	1.00
12	11	5	0.66	0.36	0.00	0.00	1.00	1.00	1.00
12	11	6	0.65	0.41	0.00	0.00	1.00	1.00	1.00
12	11	7	0.62	0.38	0.00	0.24	1.00	1.00	1.00
12	11	8	0.60	0.36	0.09	0.49	1.00	1.00	1.00
12	11	9	0.55	0.43	0.39	0.54	1.00	1.00	1.00
12	11	10	0.60	0.35	0.63	0.60	1.00	1.00	1.00
12	11	11	0.58	0.33	0.75	0.64	1.00	1.00	1.00
12	11	12	0.55	0.31	0.81	0.43	1.00	1.00	1.00
12	11	13	0.47	0.30	0.83	0.59	1.00	1.00	1.00
12	11	14	0.37	0.27	0.78	0.41	1.00	1.00	1.00
12	11	15	0.31	0.24	0.62	0.34	1.00	1.00	1.00
12	11	16	0.30	0.18	0.34	0.13	1.00	1.00	1.00
12	11	17	0.28	0.16	0.03	0.00	1.00	1.00	1.00
12	11	18	0.26	0.17	0.00	0.00	1.00	1.00	1.00
12	11	19	0.22	0.13	0.00	0.00	1.00	1.00	1.00
12	11	20	0.16	0.08	0.00	0.00	1.00	1.00	1.00
12	11	21	0.11	0.13	0.00	0.00	1.00	1.00	1.00

12	11	22	0.05	0.17	0.00	0.00	1.00	1.00	1.00
12	11	23	0.03	0.21	0.00	0.00	1.00	1.00	1.00
12	11	24	0.04	0.15	0.00	0.00	1.00	1.00	1.00
12	12	1	0.03	0.05	0.00	0.00	1.00	1.00	1.00
12	12	2	0.00	0.02	0.00	0.00	1.00	1.00	1.00
12	12	3	0.00	0.03	0.00	0.00	1.00	1.00	1.00
12	12	4	0.00	0.07	0.00	0.00	1.00	1.00	1.00
12	12	5	0.00	0.07	0.00	0.00	1.00	1.00	1.00
12	12	6	0.00	0.11	0.00	0.00	1.00	1.00	1.00
12	12	7	0.00	0.15	0.00	0.21	1.00	1.00	1.00
12	12	8	0.00	0.17	0.12	0.39	1.00	1.00	1.00
12	12	9	0.00	0.20	0.37	0.60	1.00	1.00	1.00
12	12	10	0.00	0.27	0.56	0.66	1.00	1.00	1.00
12	12	11	0.00	0.34	0.60	0.67	1.00	1.00	1.00
12	12	12	0.00	0.40	0.66	0.75	1.00	1.00	1.00
12	12	13	0.00	0.46	0.68	0.88	1.00	1.00	1.00
12	12	14	0.00	0.53	0.74	0.91	1.00	1.00	1.00
12	12	15	0.00	0.66	0.63	0.77	1.00	1.00	1.00
12	12	16	0.00	0.80	0.32	0.28	1.00	1.00	1.00
12	12	17	0.00	0.87	0.03	0.00	1.00	1.00	1.00
12	12	18	0.00	0.87	0.00	0.00	1.00	1.00	1.00
12	12	19	0.00	0.85	0.00	0.00	1.00	1.00	1.00
12	12	20	0.00	0.82	0.00	0.00	1.00	1.00	1.00
12	12	21	0.00	0.79	0.00	0.00	1.00	1.00	1.00
12	12	22	0.00	0.76	0.00	0.00	1.00	1.00	1.00
12	12	23	0.00	0.74	0.00	0.00	1.00	1.00	1.00
12	12	24	0.00	0.75	0.00	0.00	1.00	1.00	1.00
12	13	1	0.00	0.72	0.00	0.00	1.00	1.00	1.00
12	13	2	0.00	0.70	0.00	0.00	1.00	1.00	1.00
12	13	3	0.00	0.64	0.00	0.00	1.00	1.00	1.00
12	13	4	0.00	0.57	0.00	0.00	1.00	1.00	1.00
12	13	5	0.00	0.51	0.00	0.00	1.00	1.00	1.00
12	13	6	0.00	0.45	0.00	0.00	1.00	1.00	1.00
12	13	7	0.00	0.29	0.00	0.26	1.00	1.00	1.00
12	13	8	0.00	0.09	0.09	0.56	1.00	1.00	1.00
12	13	9	0.00	0.01	0.35	0.73	1.00	1.00	1.00
12	13	10	0.00	0.00	0.57	0.89	1.00	1.00	1.00
12	13	11	0.00	0.00	0.71	0.96	1.00	1.00	1.00
12	13	12	0.00	0.00	0.75	1.00	1.00	1.00	1.00
12	13	13	0.00	0.00	0.74	0.90	1.00	1.00	1.00
12	13	14	0.00	0.00	0.70	0.84	1.00	1.00	1.00
12	13	15	0.02	0.00	0.56	0.72	1.00	1.00	1.00
12	13	16	0.05	0.02	0.32	0.28	1.00	1.00	1.00
12	13	17	0.09	0.03	0.03	0.00	1.00	1.00	1.00
12	13	18	0.14	0.03	0.00	0.00	1.00	1.00	1.00
12	13	19	0.17	0.01	0.00	0.00	1.00	1.00	1.00
12	13	20	0.17	0.01	0.00	0.00	1.00	1.00	1.00
12	13	21	0.17	0.01	0.00	0.00	1.00	1.00	1.00
12	13	22	0.18	0.02	0.00	0.00	1.00	1.00	1.00

12	13	23	0.18	0.03	0.00	0.00	1.00	1.00	1.00
12	13	24	0.14	0.04	0.00	0.00	1.00	1.00	1.00
12	14	1	0.11	0.04	0.00	0.00	1.00	1.00	1.00
12	14	2	0.07	0.03	0.00	0.00	1.00	1.00	1.00
12	14	3	0.03	0.04	0.00	0.00	1.00	1.00	1.00
12	14	4	0.00	0.06	0.00	0.00	1.00	1.00	1.00
12	14	5	0.00	0.10	0.00	0.00	1.00	1.00	1.00
12	14	6	0.02	0.15	0.00	0.00	1.00	1.00	1.00
12	14	7	0.03	0.20	0.00	0.19	1.00	1.00	1.00
12	14	8	0.02	0.25	0.12	0.41	1.00	1.00	1.00
12	14	9	0.00	0.38	0.41	0.53	1.00	1.00	1.00
12	14	10	0.02	0.53	0.62	0.49	1.00	1.00	1.00
12	14	11	0.02	0.62	0.76	0.63	1.00	1.00	1.00
12	14	12	0.01	0.71	0.84	0.66	1.00	1.00	1.00
12	14	13	0.01	0.74	0.84	0.72	1.00	1.00	1.00
12	14	14	0.01	0.66	0.77	0.62	1.00	1.00	1.00
12	14	15	0.00	0.62	0.65	0.53	1.00	1.00	1.00
12	14	16	0.00	0.67	0.36	0.20	1.00	1.00	1.00
12	14	17	0.00	0.84	0.04	0.00	1.00	1.00	1.00
12	14	18	0.00	0.89	0.00	0.00	1.00	1.00	1.00
12	14	19	0.00	0.76	0.00	0.00	1.00	1.00	1.00
12	14	20	0.00	0.55	0.00	0.00	1.00	1.00	1.00
12	14	21	0.00	0.40	0.00	0.00	1.00	1.00	1.00
12	14	22	0.00	0.43	0.00	0.00	1.00	1.00	1.00
12	14	23	0.00	0.49	0.00	0.00	1.00	1.00	1.00
12	14	24	0.00	0.49	0.00	0.00	1.00	1.00	1.00
12	15	1	0.00	0.50	0.00	0.00	1.00	1.00	1.00
12	15	2	0.00	0.41	0.00	0.00	1.00	1.00	1.00
12	15	3	0.00	0.23	0.00	0.00	1.00	1.00	1.00
12	15	4	0.00	0.06	0.00	0.00	1.00	1.00	1.00
12	15	5	0.00	0.02	0.00	0.00	1.00	1.00	1.00
12	15	6	0.00	0.08	0.00	0.00	1.00	1.00	1.00
12	15	7	0.00	0.28	0.00	0.21	1.00	1.00	1.00
12	15	8	0.00	0.33	0.12	0.48	1.00	1.00	1.00
12	15	9	0.00	0.27	0.39	0.63	1.00	1.00	1.00
12	15	10	0.00	0.26	0.60	0.72	1.00	1.00	1.00
12	15	11	0.00	0.29	0.73	0.80	1.00	1.00	1.00
12	15	12	0.00	0.28	0.79	0.89	1.00	1.00	1.00
12	15	13	0.00	0.29	0.80	0.97	1.00	1.00	1.00
12	15	14	0.00	0.34	0.75	0.90	1.00	1.00	1.00
12	15	15	0.00	0.38	0.63	0.77	1.00	1.00	1.00
12	15	16	0.00	0.47	0.34	0.30	1.00	1.00	1.00
12	15	17	0.00	0.58	0.04	0.00	1.00	1.00	1.00
12	15	18	0.03	0.63	0.00	0.00	1.00	1.00	1.00
12	15	19	0.04	0.64	0.00	0.00	1.00	1.00	1.00
12	15	20	0.04	0.64	0.00	0.00	1.00	1.00	1.00
12	15	21	0.03	0.66	0.00	0.00	1.00	1.00	1.00
12	15	22	0.05	0.65	0.00	0.00	1.00	1.00	1.00
12	15	23	0.07	0.61	0.00	0.00	1.00	1.00	1.00

12	15	24	0.10	0.58	0.00	0.00	1.00	1.00	1.00
12	16	1	0.12	0.56	0.00	0.00	1.00	1.00	1.00
12	16	2	0.12	0.57	0.00	0.00	1.00	1.00	1.00
12	16	3	0.11	0.64	0.00	0.00	1.00	1.00	1.00
12	16	4	0.12	0.66	0.00	0.00	1.00	1.00	1.00
12	16	5	0.11	0.61	0.00	0.00	1.00	1.00	1.00
12	16	6	0.10	0.60	0.00	0.00	1.00	1.00	1.00
12	16	7	0.10	0.62	0.00	0.19	1.00	1.00	1.00
12	16	8	0.09	0.62	0.10	0.54	1.00	1.00	1.00
12	16	9	0.07	0.64	0.37	0.67	1.00	1.00	1.00
12	16	10	0.03	0.61	0.56	0.93	1.00	1.00	1.00
12	16	11	0.02	0.54	0.69	1.00	1.00	1.00	1.00
12	16	12	0.02	0.45	0.75	1.00	1.00	1.00	1.00
12	16	13	0.01	0.34	0.71	1.00	1.00	1.00	1.00
12	16	14	0.02	0.30	0.62	0.96	1.00	1.00	1.00
12	16	15	0.03	0.35	0.50	0.70	1.00	1.00	1.00
12	16	16	0.06	0.47	0.30	0.22	1.00	1.00	1.00
12	16	17	0.07	0.54	0.03	0.00	1.00	1.00	1.00
12	16	18	0.03	0.52	0.00	0.00	1.00	1.00	1.00
12	16	19	0.05	0.48	0.00	0.00	1.00	1.00	1.00
12	16	20	0.08	0.48	0.00	0.00	1.00	1.00	1.00
12	16	21	0.11	0.47	0.00	0.00	1.00	1.00	1.00
12	16	22	0.18	0.49	0.00	0.00	1.00	1.00	1.00
12	16	23	0.22	0.53	0.00	0.00	1.00	1.00	1.00
12	16	24	0.22	0.53	0.00	0.00	1.00	1.00	1.00
12	17	1	0.20	0.51	0.00	0.00	1.00	1.00	1.00
12	17	2	0.20	0.54	0.00	0.00	1.00	1.00	1.00
12	17	3	0.21	0.57	0.00	0.00	1.00	1.00	1.00
12	17	4	0.23	0.57	0.00	0.00	1.00	1.00	1.00
12	17	5	0.24	0.57	0.00	0.00	1.00	1.00	1.00
12	17	6	0.25	0.56	0.00	0.00	1.00	1.00	1.00
12	17	7	0.27	0.56	0.00	0.23	1.00	1.00	1.00
12	17	8	0.28	0.54	0.10	0.51	1.00	1.00	1.00
12	17	9	0.23	0.52	0.29	0.64	1.00	1.00	1.00
12	17	10	0.18	0.54	0.45	0.89	1.00	1.00	1.00
12	17	11	0.24	0.61	0.52	1.00	1.00	1.00	1.00
12	17	12	0.33	0.67	0.56	1.00	1.00	1.00	1.00
12	17	13	0.42	0.72	0.54	0.96	1.00	1.00	1.00
12	17	14	0.46	0.74	0.47	0.95	1.00	1.00	1.00
12	17	15	0.40	0.74	0.37	0.77	1.00	1.00	1.00
12	17	16	0.33	0.77	0.18	0.33	1.00	1.00	1.00
12	17	17	0.33	0.79	0.01	0.00	1.00	1.00	1.00
12	17	18	0.35	0.76	0.00	0.00	1.00	1.00	1.00
12	17	19	0.33	0.70	0.00	0.00	1.00	1.00	1.00
12	17	20	0.35	0.66	0.00	0.00	1.00	1.00	1.00
12	17	21	0.33	0.72	0.00	0.00	1.00	1.00	1.00
12	17	22	0.34	0.78	0.00	0.00	1.00	1.00	1.00
12	17	23	0.38	0.80	0.00	0.00	1.00	1.00	1.00
12	17	24	0.46	0.81	0.00	0.00	1.00	1.00	1.00

12	18	1	0.46	0.81	0.00	0.00	1.00	1.00	1.00
12	18	2	0.43	0.83	0.00	0.00	1.00	1.00	1.00
12	18	3	0.41	0.82	0.00	0.00	1.00	1.00	1.00
12	18	4	0.41	0.76	0.00	0.00	1.00	1.00	1.00
12	18	5	0.39	0.74	0.00	0.00	1.00	1.00	1.00
12	18	6	0.32	0.85	0.00	0.00	1.00	1.00	1.00
12	18	7	0.31	0.87	0.00	0.21	1.00	1.00	1.00
12	18	8	0.34	0.89	0.07	0.76	1.00	1.00	1.00
12	18	9	0.35	0.85	0.20	0.94	1.00	1.00	1.00
12	18	10	0.34	0.76	0.27	0.99	1.00	1.00	1.00
12	18	11	0.36	0.67	0.32	1.00	1.00	1.00	1.00
12	18	12	0.42	0.61	0.32	1.00	1.00	1.00	1.00
12	18	13	0.49	0.57	0.35	1.00	1.00	1.00	1.00
12	18	14	0.56	0.56	0.31	0.97	1.00	1.00	1.00
12	18	15	0.56	0.62	0.24	0.78	1.00	1.00	1.00
12	18	16	0.51	0.74	0.17	0.35	1.00	1.00	1.00
12	18	17	0.48	0.84	0.01	0.00	1.00	1.00	1.00
12	18	18	0.53	0.86	0.00	0.00	1.00	1.00	1.00
12	18	19	0.43	0.86	0.00	0.00	1.00	1.00	1.00
12	18	20	0.35	0.87	0.00	0.00	1.00	1.00	1.00
12	18	21	0.37	0.85	0.00	0.00	1.00	1.00	1.00
12	18	22	0.45	0.82	0.00	0.00	1.00	1.00	1.00
12	18	23	0.49	0.79	0.00	0.00	1.00	1.00	1.00
12	18	24	0.47	0.76	0.00	0.00	1.00	1.00	1.00
12	19	1	0.47	0.75	0.00	0.00	1.00	1.00	1.00
12	19	2	0.47	0.72	0.00	0.00	1.00	1.00	1.00
12	19	3	0.45	0.63	0.00	0.00	1.00	1.00	1.00
12	19	4	0.47	0.56	0.00	0.00	1.00	1.00	1.00
12	19	5	0.45	0.57	0.00	0.00	1.00	1.00	1.00
12	19	6	0.49	0.56	0.00	0.00	1.00	1.00	1.00
12	19	7	0.44	0.57	0.00	0.27	1.00	1.00	1.00
12	19	8	0.41	0.54	0.07	0.75	1.00	1.00	1.00
12	19	9	0.33	0.51	0.27	0.94	1.00	1.00	1.00
12	19	10	0.21	0.51	0.41	0.97	1.00	1.00	1.00
12	19	11	0.21	0.61	0.54	1.00	1.00	1.00	1.00
12	19	12	0.21	0.76	0.58	1.00	1.00	1.00	1.00
12	19	13	0.20	0.85	0.57	1.00	1.00	1.00	1.00
12	19	14	0.22	0.81	0.54	0.98	1.00	1.00	1.00
12	19	15	0.25	0.82	0.44	0.81	1.00	1.00	1.00
12	19	16	0.30	0.91	0.24	0.36	1.00	1.00	1.00
12	19	17	0.35	0.95	0.02	0.00	1.00	1.00	1.00
12	19	18	0.42	0.97	0.00	0.00	1.00	1.00	1.00
12	19	19	0.47	0.91	0.00	0.00	1.00	1.00	1.00
12	19	20	0.43	0.87	0.00	0.00	1.00	1.00	1.00
12	19	21	0.42	0.83	0.00	0.00	1.00	1.00	1.00
12	19	22	0.46	0.79	0.00	0.00	1.00	1.00	1.00
12	19	23	0.47	0.75	0.00	0.00	1.00	1.00	1.00
12	19	24	0.46	0.79	0.00	0.00	1.00	1.00	1.00
12	20	1	0.51	0.82	0.00	0.00	1.00	1.00	1.00

12	20	2	0.47	0.91	0.00	0.00	1.00	1.00	1.00
12	20	3	0.45	0.93	0.00	0.00	1.00	1.00	1.00
12	20	4	0.49	0.92	0.00	0.00	1.00	1.00	1.00
12	20	5	0.49	0.92	0.00	0.00	1.00	1.00	1.00
12	20	6	0.51	0.93	0.00	0.00	1.00	1.00	1.00
12	20	7	0.55	0.90	0.00	0.24	1.00	1.00	1.00
12	20	8	0.58	0.84	0.06	0.75	1.00	1.00	1.00
12	20	9	0.66	0.78	0.20	0.96	1.00	1.00	1.00
12	20	10	0.79	0.78	0.36	1.00	1.00	1.00	1.00
12	20	11	0.81	0.81	0.44	1.00	1.00	1.00	1.00
12	20	12	0.76	0.85	0.43	1.00	1.00	1.00	1.00
12	20	13	0.76	0.84	0.45	1.00	1.00	1.00	1.00
12	20	14	0.73	0.77	0.43	0.96	1.00	1.00	1.00
12	20	15	0.76	0.73	0.37	0.77	1.00	1.00	1.00
12	20	16	0.82	0.79	0.24	0.35	1.00	1.00	1.00
12	20	17	0.85	0.80	0.03	0.00	1.00	1.00	1.00
12	20	18	0.70	0.81	0.00	0.00	1.00	1.00	1.00
12	20	19	0.46	0.83	0.00	0.00	1.00	1.00	1.00
12	20	20	0.46	0.79	0.00	0.00	1.00	1.00	1.00
12	20	21	0.48	0.73	0.00	0.00	1.00	1.00	1.00
12	20	22	0.68	0.71	0.00	0.00	1.00	1.00	1.00
12	20	23	0.86	0.69	0.00	0.00	1.00	1.00	1.00
12	20	24	0.72	0.74	0.00	0.00	1.00	1.00	1.00
12	21	1	0.59	0.79	0.00	0.00	1.00	1.00	1.00
12	21	2	0.51	0.80	0.00	0.00	1.00	1.00	1.00
12	21	3	0.51	0.80	0.00	0.00	1.00	1.00	1.00
12	21	4	0.41	0.80	0.00	0.00	1.00	1.00	1.00
12	21	5	0.39	0.77	0.00	0.00	1.00	1.00	1.00
12	21	6	0.38	0.77	0.00	0.00	1.00	1.00	1.00
12	21	7	0.41	0.75	0.00	0.20	1.00	1.00	1.00
12	21	8	0.35	0.74	0.10	0.47	1.00	1.00	1.00
12	21	9	0.39	0.73	0.36	0.49	1.00	1.00	1.00
12	21	10	0.57	0.74	0.57	0.61	1.00	1.00	1.00
12	21	11	0.75	0.78	0.74	0.67	1.00	1.00	1.00
12	21	12	0.74	0.76	0.80	0.72	1.00	1.00	1.00
12	21	13	0.63	0.69	0.80	0.66	1.00	1.00	1.00
12	21	14	0.56	0.69	0.75	0.60	1.00	1.00	1.00
12	21	15	0.55	0.62	0.62	0.43	1.00	1.00	1.00
12	21	16	0.55	0.57	0.35	0.19	1.00	1.00	1.00
12	21	17	0.54	0.63	0.04	0.00	1.00	1.00	1.00
12	21	18	0.49	0.66	0.00	0.00	1.00	1.00	1.00
12	21	19	0.45	0.59	0.00	0.00	1.00	1.00	1.00
12	21	20	0.46	0.75	0.00	0.00	1.00	1.00	1.00
12	21	21	0.45	0.92	0.00	0.00	1.00	1.00	1.00
12	21	22	0.41	0.82	0.00	0.00	1.00	1.00	1.00
12	21	23	0.33	0.65	0.00	0.00	1.00	1.00	1.00
12	21	24	0.25	0.52	0.00	0.00	1.00	1.00	1.00
12	22	1	0.20	0.62	0.00	0.00	1.00	1.00	1.00
12	22	2	0.15	0.78	0.00	0.00	1.00	1.00	1.00

12	22	3	0.14	0.76	0.00	0.00	1.00	1.00	1.00
12	22	4	0.11	0.69	0.00	0.00	1.00	1.00	1.00
12	22	5	0.08	0.54	0.00	0.00	1.00	1.00	1.00
12	22	6	0.10	0.54	0.00	0.00	1.00	1.00	1.00
12	22	7	0.09	0.46	0.00	0.14	1.00	1.00	1.00
12	22	8	0.04	0.39	0.10	0.46	1.00	1.00	1.00
12	22	9	0.00	0.25	0.37	0.60	1.00	1.00	1.00
12	22	10	0.00	0.52	0.57	0.82	1.00	1.00	1.00
12	22	11	0.00	0.62	0.68	0.76	1.00	1.00	1.00
12	22	12	0.00	0.65	0.73	0.75	1.00	1.00	1.00
12	22	13	0.01	0.52	0.73	0.89	1.00	1.00	1.00
12	22	14	0.01	0.44	0.67	0.76	1.00	1.00	1.00
12	22	15	0.00	0.42	0.57	0.68	1.00	1.00	1.00
12	22	16	0.00	0.45	0.31	0.29	1.00	1.00	1.00
12	22	17	0.00	0.56	0.03	0.00	1.00	1.00	1.00
12	22	18	0.00	0.70	0.00	0.00	1.00	1.00	1.00
12	22	19	0.00	0.79	0.00	0.00	1.00	1.00	1.00
12	22	20	0.00	0.84	0.00	0.00	1.00	1.00	1.00
12	22	21	0.00	0.87	0.00	0.00	1.00	1.00	1.00
12	22	22	0.00	0.94	0.00	0.00	1.00	1.00	1.00
12	22	23	0.00	0.96	0.00	0.00	1.00	1.00	1.00
12	22	24	0.00	0.98	0.00	0.00	1.00	1.00	1.00
12	23	1	0.00	0.98	0.00	0.00	1.00	1.00	1.00
12	23	2	0.00	0.95	0.00	0.00	1.00	1.00	1.00
12	23	3	0.00	0.97	0.00	0.00	1.00	1.00	1.00
12	23	4	0.00	0.99	0.00	0.00	1.00	1.00	1.00
12	23	5	0.00	0.99	0.00	0.00	1.00	1.00	1.00
12	23	6	0.00	0.98	0.00	0.00	1.00	1.00	1.00
12	23	7	0.00	0.96	0.00	0.18	1.00	1.00	1.00
12	23	8	0.00	0.94	0.04	0.70	1.00	1.00	1.00
12	23	9	0.00	0.96	0.30	0.87	1.00	1.00	1.00
12	23	10	0.00	0.96	0.56	1.00	1.00	1.00	1.00
12	23	11	0.00	0.95	0.69	1.00	1.00	1.00	1.00
12	23	12	0.00	0.94	0.77	1.00	1.00	1.00	1.00
12	23	13	0.00	0.92	0.79	1.00	1.00	1.00	1.00
12	23	14	0.00	0.90	0.75	0.98	1.00	1.00	1.00
12	23	15	0.01	0.85	0.62	0.83	1.00	1.00	1.00
12	23	16	0.02	0.83	0.35	0.39	1.00	1.00	1.00
12	23	17	0.03	0.70	0.04	0.00	1.00	1.00	1.00
12	23	18	0.04	0.56	0.00	0.00	1.00	1.00	1.00
12	23	19	0.04	0.46	0.00	0.00	1.00	1.00	1.00
12	23	20	0.04	0.47	0.00	0.00	1.00	1.00	1.00
12	23	21	0.05	0.36	0.00	0.00	1.00	1.00	1.00
12	23	22	0.05	0.35	0.00	0.00	1.00	1.00	1.00
12	23	23	0.04	0.25	0.00	0.00	1.00	1.00	1.00
12	23	24	0.03	0.25	0.00	0.00	1.00	1.00	1.00
12	24	1	0.00	0.35	0.00	0.00	1.00	1.00	1.00
12	24	2	0.00	0.34	0.00	0.00	1.00	1.00	1.00
12	24	3	0.00	0.28	0.00	0.00	1.00	1.00	1.00

12	24	4	0.00	0.25	0.00	0.00	1.00	1.00	1.00
12	24	5	0.00	0.24	0.00	0.00	1.00	1.00	1.00
12	24	6	0.00	0.28	0.00	0.00	1.00	1.00	1.00
12	24	7	0.00	0.39	0.00	0.21	1.00	1.00	1.00
12	24	8	0.04	0.40	0.10	0.73	1.00	1.00	1.00
12	24	9	0.07	0.37	0.34	0.94	1.00	1.00	1.00
12	24	10	0.14	0.32	0.54	1.00	1.00	1.00	1.00
12	24	11	0.25	0.32	0.67	1.00	1.00	1.00	1.00
12	24	12	0.33	0.35	0.73	1.00	1.00	1.00	1.00
12	24	13	0.36	0.39	0.75	1.00	1.00	1.00	1.00
12	24	14	0.34	0.51	0.72	0.99	1.00	1.00	1.00
12	24	15	0.39	0.63	0.61	0.72	1.00	1.00	1.00
12	24	16	0.43	0.80	0.35	0.33	1.00	1.00	1.00
12	24	17	0.48	0.91	0.05	0.00	1.00	1.00	1.00
12	24	18	0.54	0.95	0.00	0.00	1.00	1.00	1.00
12	24	19	0.58	0.99	0.00	0.00	1.00	1.00	1.00
12	24	20	0.55	0.99	0.00	0.00	1.00	1.00	1.00
12	24	21	0.57	0.98	0.00	0.00	1.00	1.00	1.00
12	24	22	0.58	0.92	0.00	0.00	1.00	1.00	1.00
12	24	23	0.51	0.82	0.00	0.00	1.00	1.00	1.00
12	24	24	0.44	0.77	0.00	0.00	1.00	1.00	1.00
12	25	1	0.32	0.80	0.00	0.00	1.00	1.00	1.00
12	25	2	0.43	0.87	0.00	0.00	1.00	1.00	1.00
12	25	3	0.49	0.86	0.00	0.00	1.00	1.00	1.00
12	25	4	0.37	0.80	0.00	0.00	1.00	1.00	1.00
12	25	5	0.36	0.76	0.00	0.00	1.00	1.00	1.00
12	25	6	0.31	0.68	0.00	0.00	1.00	1.00	1.00
12	25	7	0.39	0.60	0.00	0.19	1.00	1.00	1.00
12	25	8	0.40	0.55	0.10	0.75	1.00	1.00	1.00
12	25	9	0.33	0.48	0.37	0.95	1.00	1.00	1.00
12	25	10	0.32	0.46	0.59	1.00	1.00	1.00	1.00
12	25	11	0.40	0.49	0.73	1.00	1.00	1.00	1.00
12	25	12	0.39	0.54	0.81	0.96	1.00	1.00	1.00
12	25	13	0.30	0.50	0.81	0.91	1.00	1.00	1.00
12	25	14	0.21	0.47	0.77	0.66	1.00	1.00	1.00
12	25	15	0.12	0.42	0.63	0.48	1.00	1.00	1.00
12	25	16	0.03	0.37	0.37	0.18	1.00	1.00	1.00
12	25	17	0.00	0.43	0.05	0.00	1.00	1.00	1.00
12	25	18	0.00	0.53	0.00	0.00	1.00	1.00	1.00
12	25	19	0.00	0.64	0.00	0.00	1.00	1.00	1.00
12	25	20	0.00	0.63	0.00	0.00	1.00	1.00	1.00
12	25	21	0.00	0.74	0.00	0.00	1.00	1.00	1.00
12	25	22	0.00	0.70	0.00	0.00	1.00	1.00	1.00
12	25	23	0.00	0.66	0.00	0.00	1.00	1.00	1.00
12	25	24	0.00	0.58	0.00	0.00	1.00	1.00	1.00
12	26	1	0.03	0.47	0.00	0.00	1.00	1.00	1.00
12	26	2	0.09	0.40	0.00	0.00	1.00	1.00	1.00
12	26	3	0.20	0.40	0.00	0.00	1.00	1.00	1.00
12	26	4	0.32	0.31	0.00	0.00	1.00	1.00	1.00

12	26	5	0.43	0.37	0.00	0.00	1.00	1.00	1.00
12	26	6	0.48	0.35	0.00	0.00	1.00	1.00	1.00
12	26	7	0.52	0.28	0.00	0.18	1.00	1.00	1.00
12	26	8	0.51	0.26	0.09	0.63	1.00	1.00	1.00
12	26	9	0.45	0.28	0.37	0.78	1.00	1.00	1.00
12	26	10	0.39	0.26	0.58	0.99	1.00	1.00	1.00
12	26	11	0.32	0.27	0.69	1.00	1.00	1.00	1.00
12	26	12	0.28	0.37	0.76	1.00	1.00	1.00	1.00
12	26	13	0.29	0.52	0.76	1.00	1.00	1.00	1.00
12	26	14	0.32	0.63	0.70	1.00	1.00	1.00	1.00
12	26	15	0.49	0.64	0.56	0.87	1.00	1.00	1.00
12	26	16	0.50	0.59	0.33	0.40	1.00	1.00	1.00
12	26	17	0.50	0.49	0.05	0.00	1.00	1.00	1.00
12	26	18	0.63	0.43	0.00	0.00	1.00	1.00	1.00
12	26	19	0.65	0.43	0.00	0.00	1.00	1.00	1.00
12	26	20	0.71	0.47	0.00	0.00	1.00	1.00	1.00
12	26	21	0.72	0.48	0.00	0.00	1.00	1.00	1.00
12	26	22	0.68	0.50	0.00	0.00	1.00	1.00	1.00
12	26	23	0.68	0.53	0.00	0.00	1.00	1.00	1.00
12	26	24	0.67	0.57	0.00	0.00	1.00	1.00	1.00
12	27	1	0.69	0.63	0.00	0.00	1.00	1.00	1.00
12	27	2	0.75	0.68	0.00	0.00	1.00	1.00	1.00
12	27	3	0.82	0.70	0.00	0.00	1.00	1.00	1.00
12	27	4	0.80	0.70	0.00	0.00	1.00	1.00	1.00
12	27	5	0.77	0.67	0.00	0.00	1.00	1.00	1.00
12	27	6	0.72	0.63	0.00	0.00	1.00	1.00	1.00
12	27	7	0.67	0.59	0.00	0.17	1.00	1.00	1.00
12	27	8	0.58	0.54	0.09	0.66	1.00	1.00	1.00
12	27	9	0.48	0.51	0.36	0.72	1.00	1.00	1.00
12	27	10	0.47	0.58	0.57	0.87	1.00	1.00	1.00
12	27	11	0.43	0.70	0.71	0.72	1.00	1.00	1.00
12	27	12	0.33	0.73	0.75	0.77	1.00	1.00	1.00
12	27	13	0.25	0.77	0.73	0.63	1.00	1.00	1.00
12	27	14	0.14	0.88	0.65	0.50	1.00	1.00	1.00
12	27	15	0.04	0.97	0.47	0.49	1.00	1.00	1.00
12	27	16	0.00	0.99	0.25	0.26	1.00	1.00	1.00
12	27	17	0.00	1.00	0.03	0.00	1.00	1.00	1.00
12	27	18	0.00	0.99	0.00	0.00	1.00	1.00	1.00
12	27	19	0.00	0.98	0.00	0.00	1.00	1.00	1.00
12	27	20	0.02	0.91	0.00	0.00	1.00	1.00	1.00
12	27	21	0.04	0.76	0.00	0.00	1.00	1.00	1.00
12	27	22	0.05	0.69	0.00	0.00	1.00	1.00	1.00
12	27	23	0.09	0.59	0.00	0.00	1.00	1.00	1.00
12	27	24	0.10	0.53	0.00	0.00	1.00	1.00	1.00
12	28	1	0.07	0.52	0.00	0.00	1.00	1.00	1.00
12	28	2	0.05	0.59	0.00	0.00	1.00	1.00	1.00
12	28	3	0.11	0.58	0.00	0.00	1.00	1.00	1.00
12	28	4	0.16	0.52	0.00	0.00	1.00	1.00	1.00
12	28	5	0.26	0.46	0.00	0.00	1.00	1.00	1.00

12	28	6	0.36	0.45	0.00	0.00	1.00	1.00	1.00
12	28	7	0.37	0.44	0.00	0.22	1.00	1.00	1.00
12	28	8	0.36	0.43	0.07	0.72	1.00	1.00	1.00
12	28	9	0.30	0.42	0.20	0.92	1.00	1.00	1.00
12	28	10	0.27	0.40	0.30	1.00	1.00	1.00	1.00
12	28	11	0.30	0.39	0.30	1.00	1.00	1.00	1.00
12	28	12	0.33	0.40	0.35	1.00	1.00	1.00	1.00
12	28	13	0.35	0.42	0.35	0.95	1.00	1.00	1.00
12	28	14	0.33	0.49	0.29	0.74	1.00	1.00	1.00
12	28	15	0.35	0.57	0.26	0.72	1.00	1.00	1.00
12	28	16	0.39	0.65	0.15	0.31	1.00	1.00	1.00
12	28	17	0.38	0.70	0.01	0.00	1.00	1.00	1.00
12	28	18	0.37	0.72	0.00	0.00	1.00	1.00	1.00
12	28	19	0.34	0.74	0.00	0.00	1.00	1.00	1.00
12	28	20	0.33	0.75	0.00	0.00	1.00	1.00	1.00
12	28	21	0.28	0.80	0.00	0.00	1.00	1.00	1.00
12	28	22	0.22	0.84	0.00	0.00	1.00	1.00	1.00
12	28	23	0.20	0.83	0.00	0.00	1.00	1.00	1.00
12	28	24	0.19	0.82	0.00	0.00	1.00	1.00	1.00
12	29	1	0.19	0.83	0.00	0.00	1.00	1.00	1.00
12	29	2	0.23	0.79	0.00	0.00	1.00	1.00	1.00
12	29	3	0.28	0.73	0.00	0.00	1.00	1.00	1.00
12	29	4	0.27	0.70	0.00	0.00	1.00	1.00	1.00
12	29	5	0.24	0.69	0.00	0.00	1.00	1.00	1.00
12	29	6	0.26	0.68	0.00	0.00	1.00	1.00	1.00
12	29	7	0.26	0.67	0.00	0.21	1.00	1.00	1.00
12	29	8	0.22	0.66	0.07	0.69	1.00	1.00	1.00
12	29	9	0.19	0.64	0.27	0.93	1.00	1.00	1.00
12	29	10	0.16	0.72	0.41	1.00	1.00	1.00	1.00
12	29	11	0.17	0.80	0.52	1.00	1.00	1.00	1.00
12	29	12	0.19	0.84	0.60	0.99	1.00	1.00	1.00
12	29	13	0.20	0.86	0.61	0.97	1.00	1.00	1.00
12	29	14	0.26	0.84	0.56	0.86	1.00	1.00	1.00
12	29	15	0.29	0.77	0.46	0.73	1.00	1.00	1.00
12	29	16	0.33	0.66	0.26	0.36	1.00	1.00	1.00
12	29	17	0.32	0.55	0.04	0.00	1.00	1.00	1.00
12	29	18	0.29	0.48	0.00	0.00	1.00	1.00	1.00
12	29	19	0.25	0.43	0.00	0.00	1.00	1.00	1.00
12	29	20	0.25	0.43	0.00	0.00	1.00	1.00	1.00
12	29	21	0.24	0.50	0.00	0.00	1.00	1.00	1.00
12	29	22	0.20	0.62	0.00	0.00	1.00	1.00	1.00
12	29	23	0.18	0.75	0.00	0.00	1.00	1.00	1.00
12	29	24	0.17	0.80	0.00	0.00	1.00	1.00	1.00
12	30	1	0.17	0.84	0.00	0.00	1.00	1.00	1.00
12	30	2	0.23	0.83	0.00	0.00	1.00	1.00	1.00
12	30	3	0.31	0.82	0.00	0.00	1.00	1.00	1.00
12	30	4	0.36	0.81	0.00	0.00	1.00	1.00	1.00
12	30	5	0.34	0.82	0.00	0.00	1.00	1.00	1.00
12	30	6	0.34	0.81	0.00	0.00	1.00	1.00	1.00

12	30	7	0.38	0.81	0.00	0.21	1.00	1.00	1.00
12	30	8	0.41	0.80	0.08	0.73	1.00	1.00	1.00
12	30	9	0.39	0.71	0.31	0.97	1.00	1.00	1.00
12	30	10	0.30	0.73	0.48	1.00	1.00	1.00	1.00
12	30	11	0.25	0.79	0.56	1.00	1.00	1.00	1.00
12	30	12	0.26	0.83	0.63	1.00	1.00	1.00	1.00
12	30	13	0.26	0.90	0.67	1.00	1.00	1.00	1.00
12	30	14	0.25	0.95	0.62	1.00	1.00	1.00	1.00
12	30	15	0.24	0.98	0.52	0.85	1.00	1.00	1.00
12	30	16	0.20	0.99	0.32	0.46	1.00	1.00	1.00
12	30	17	0.24	0.99	0.05	0.00	1.00	1.00	1.00
12	30	18	0.38	0.99	0.00	0.00	1.00	1.00	1.00
12	30	19	0.31	0.99	0.00	0.00	1.00	1.00	1.00
12	30	20	0.23	0.99	0.00	0.00	1.00	1.00	1.00
12	30	21	0.17	0.99	0.00	0.00	1.00	1.00	1.00
12	30	22	0.19	0.99	0.00	0.00	1.00	1.00	1.00
12	30	23	0.17	0.97	0.00	0.00	1.00	1.00	1.00
12	30	24	0.10	0.95	0.00	0.00	1.00	1.00	1.00
12	31	1	0.06	0.94	0.00	0.00	1.00	1.00	1.00
12	31	2	0.01	0.95	0.00	0.00	1.00	1.00	1.00
12	31	3	0.01	0.95	0.00	0.00	1.00	1.00	1.00
12	31	4	0.04	0.93	0.00	0.00	1.00	1.00	1.00
12	31	5	0.07	0.89	0.00	0.00	1.00	1.00	1.00
12	31	6	0.06	0.86	0.00	0.00	1.00	1.00	1.00
12	31	7	0.10	0.80	0.00	0.21	1.00	1.00	1.00
12	31	8	0.14	0.61	0.09	0.75	1.00	1.00	1.00
12	31	9	0.13	0.44	0.35	0.92	1.00	1.00	1.00
12	31	10	0.11	0.39	0.57	1.00	1.00	1.00	1.00
12	31	11	0.12	0.33	0.71	1.00	1.00	1.00	1.00
12	31	12	0.12	0.27	0.76	1.00	1.00	1.00	1.00
12	31	13	0.11	0.22	0.79	1.00	1.00	1.00	1.00
12	31	14	0.18	0.25	0.76	1.00	1.00	1.00	1.00
12	31	15	0.22	0.18	0.67	0.79	1.00	1.00	1.00
12	31	16	0.23	0.18	0.43	0.44	1.00	1.00	1.00
12	31	17	0.27	0.39	0.08	0.00	1.00	1.00	1.00
12	31	18	0.29	0.42	0.00	0.00	1.00	1.00	1.00
12	31	19	0.26	0.52	0.00	0.00	1.00	1.00	1.00
12	31	20	0.28	0.61	0.00	0.00	1.00	1.00	1.00
12	31	21	0.31	0.49	0.00	0.00	1.00	1.00	1.00
12	31	22	0.30	0.20	0.00	0.00	1.00	1.00	1.00
12	31	23	0.27	0.04	0.00	0.00	1.00	1.00	1.00
12	31	24	0.23	0.00	0.00	0.00	1.00	1.00	1.00

CF	29%	32%	23%	33%	100%	100%	100%

Average Hydro Dispatch (MW / Rated MW of Capacity)

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	25%	22%	28%	43%	34%	34%	25%	29%	26%	22%	23%	30%
2	24%	18%	26%	41%	35%	32%	24%	26%	21%	18%	16%	27%
3	24%	17%	27%	40%	34%	32%	23%	25%	18%	17%	14%	22%
4	23%	17%	27%	42%	35%	34%	26%	26%	20%	25%	12%	16%
5	21%	19%	32%	44%	37%	37%	38%	32%	27%	30%	18%	21%
6	28%	29%	40%	44%	42%	42%	41%	32%	29%	33%	25%	27%
7	30%	33%	41%	41%	38%	42%	41%	26%	26%	31%	27%	27%
8	28%	33%	38%	36%	36%	36%	33%	23%	22%	24%	25%	23%
9	23%	26%	33%	32%	36%	35%	39%	20%	17%	19%	18%	14%
10	24%	20%	31%	31%	35%	38%	36%	24%	17%	17%	11%	12%
11	22%	19%	29%	31%	38%	34%	36%	27%	20%	17%	12%	11%
12	20%	19%	27%	30%	35%	33%	35%	29%	23%	17%	11%	10%
13	21%	19%	27%	29%	33%	33%	33%	30%	28%	17%	11%	10%
14	22%	21%	29%	30%	35%	32%	40%	35%	28%	18%	11%	10%
15	22%	23%	31%	30%	40%	33%	35%	38%	30%	19%	12%	11%
16	23%	28%	32%	32%	38%	33%	33%	37%	27%	22%	15%	17%
17	28%	35%	36%	35%	38%	34%	35%	36%	29%	26%	24%	26%
18	33%	37%	42%	41%	42%	37%	38%	39%	34%	33%	27%	27%
19	35%	39%	44%	45%	47%	43%	42%	41%	38%	33%	27%	28%
20	33%	42%	45%	45%	48%	45%	40%	41%	37%	31%	29%	29%
21	33%	40%	45%	46%	48%	45%	40%	40%	34%	31%	30%	29%
22	33%	37%	43%	46%	47%	44%	40%	40%	36%	35%	29%	30%
23	30%	35%	38%	45%	39%	42%	39%	39%	35%	31%	27%	30%
24	25%	33%	34%	43%	38%	41%	35%	34%	35%	23%	25%	22%
2022	1	2	3	4	5	6	7	8	9	10	11	12
1	27%	35%	43%	47%	48%	44%	55%	46%	31%	27%	24%	28%
2	24%	28%	39%	49%	48%	48%	56%	45%	34%	27%	25%	23%
3	23%	28%	35%	45%	43%	47%	54%	43%	29%	29%	19%	20%
4	24%	31%	35%	45%	44%	43%	45%	34%	28%	27%	20%	21%
5	27%	37%	38%	42%	46%	43%	38%	33%	32%	27%	25%	25%
6	29%	30%	39%	42%	42%	41%	38%	34%	30%	30%	26%	27%
7	33%	33%	39%	37%	34%	35%	36%	30%	24%	27%	22%	27%
8	27%	30%	32%	32%	33%	32%	29%	21%	18%	19%	15%	20%
9	21%	23%	29%	31%	31%	31%	21%	18%	15%	19%	14%	16%
10	20%	17%	26%	29%	30%	31%	17%	17%	16%	15%	11%	14%
11	19%	18%	26%	30%	30%	29%	17%	18%	15%	15%	12%	11%
12	19%	16%	25%	29%	29%	29%	18%	17%	16%	15%	11%	10%
13	19%	16%	25%	30%	30%	29%	18%	19%	16%	15%	11%	10%
14	19%	16%	25%	30%	31%	30%	19%	19%	20%	15%	12%	10%
15	20%	16%	26%	30%	31%	29%	22%	25%	23%	19%	11%	9%
16	23%	23%	27%	32%	32%	31%	25%	32%	25%	20%	13%	15%
17	28%	23%	29%	32%	32%	31%	34%	31%	27%	26%	19%	22%
18	34%	31%	36%	37%	36%	31%	34%	34%	34%	31%	24%	27%
19	33%	35%	40%	43%	43%	39%	39%	38%	38%	33%	27%	28%

20	35%	37%	42%	44%	47%	42%	41%	43%	37%	33%	26%	28%
21	33%	37%	42%	45%	48%	43%	46%	43%	38%	32%	27%	30%
22	33%	39%	46%	45%	47%	43%	45%	43%	38%	31%	29%	29%
23	32%	32%	42%	48%	46%	42%	48%	43%	39%	29%	27%	33%
24	32%	32%	39%	45%	46%	47%	52%	46%	37%	27%	25%	24%
2026	1	2	3	4	5	6	7	8	9	10	11	12
1	29%	37%	39%	49%	46%	48%	55%	45%	37%	27%	23%	31%
2	25%	29%	41%	48%	48%	48%	55%	44%	32%	27%	22%	22%
3	25%	25%	43%	44%	45%	45%	53%	41%	29%	27%	18%	20%
4	23%	25%	38%	44%	43%	43%	43%	34%	28%	27%	18%	16%
5	25%	36%	37%	42%	46%	42%	37%	34%	33%	27%	23%	24%
6	29%	30%	38%	41%	41%	38%	37%	33%	31%	30%	26%	28%
7	31%	31%	38%	34%	36%	32%	35%	30%	24%	28%	21%	27%
8	24%	24%	31%	32%	32%	31%	28%	22%	19%	19%	15%	20%
9	21%	20%	27%	31%	31%	31%	20%	19%	16%	19%	14%	15%
10	21%	22%	25%	31%	32%	31%	17%	17%	16%	15%	12%	11%
11	19%	20%	25%	30%	30%	30%	18%	17%	16%	15%	12%	10%
12	19%	18%	24%	30%	29%	29%	18%	17%	17%	15%	11%	10%
13	19%	18%	25%	30%	30%	30%	20%	19%	16%	16%	12%	10%
14	19%	16%	24%	30%	31%	31%	19%	19%	18%	15%	11%	10%
15	20%	20%	25%	31%	31%	29%	21%	22%	21%	17%	11%	11%
16	21%	20%	26%	32%	33%	31%	29%	32%	23%	19%	14%	19%
17	24%	21%	29%	33%	34%	31%	32%	31%	26%	22%	18%	22%
18	32%	30%	35%	34%	33%	32%	32%	33%	29%	30%	24%	27%
19	33%	34%	40%	41%	42%	39%	38%	37%	38%	34%	27%	28%
20	36%	35%	41%	44%	46%	42%	43%	43%	39%	34%	28%	31%
21	34%	36%	43%	46%	48%	43%	45%	44%	41%	34%	29%	30%
22	36%	37%	44%	48%	47%	45%	47%	45%	38%	34%	30%	33%
23	35%	36%	41%	48%	48%	46%	50%	46%	39%	30%	31%	29%
24	33%	41%	43%	49%	47%	45%	54%	47%	33%	27%	26%	25%
2030	1	2	3	4	5	6	7	8	9	10	11	12
1	29%	27%	40%	49%	45%	49%	49%	45%	33%	27%	23%	24%
2	25%	26%	32%	45%	45%	48%	47%	39%	31%	25%	19%	22%
3	23%	23%	31%	45%	44%	46%	39%	38%	28%	19%	16%	19%
4	19%	19%	31%	44%	44%	46%	42%	35%	29%	19%	16%	17%
5	21%	21%	35%	44%	43%	43%	37%	35%	31%	27%	16%	24%
6	25%	33%	41%	42%	36%	40%	36%	29%	30%	31%	24%	26%
7	30%	33%	39%	36%	33%	33%	28%	27%	23%	23%	21%	22%
8	23%	29%	32%	32%	33%	31%	27%	25%	21%	21%	14%	15%
9	22%	22%	29%	31%	33%	30%	25%	21%	18%	21%	14%	14%
10	20%	22%	27%	28%	32%	26%	22%	16%	17%	18%	14%	13%
11	19%	21%	25%	29%	30%	26%	21%	16%	15%	15%	11%	13%
12	18%	16%	25%	27%	30%	26%	19%	16%	15%	15%	11%	12%
13	18%	16%	24%	27%	30%	26%	19%	18%	16%	15%	11%	9%
14	18%	16%	24%	27%	31%	26%	20%	19%	19%	15%	11%	9%
15	18%	16%	27%	27%	32%	26%	25%	27%	20%	15%	11%	9%
16	23%	24%	30%	29%	35%	28%	32%	28%	24%	23%	16%	22%

17	30%	30%	31%	33%	33%	33%	34%	32%	26%	28%	22%	26%
18	34%	34%	38%	41%	35%	34%	35%	33%	30%	33%	27%	27%
19	35%	35%	41%	44%	43%	41%	38%	40%	34%	34%	29%	28%
20	39%	37%	44%	46%	46%	44%	45%	42%	38%	36%	31%	33%
21	38%	43%	45%	48%	47%	46%	48%	46%	40%	37%	32%	35%
22	37%	43%	45%	49%	48%	47%	50%	47%	41%	35%	32%	31%
23	36%	41%	45%	50%	50%	47%	54%	50%	42%	31%	29%	30%
24	33%	38%	42%	48%	49%	48%	54%	48%	35%	25%	26%	28%

Average Battery Storage Charge/Discharge (MW / Rated MW of Capacity)

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	11%	-20%	-19%	10%	-1%	-9%	-11%	-7%	-8%	-20%	5%	40%
2	11%	-20%	-16%	2%	-9%	-8%	-11%	-5%	-6%	-14%	-15%	19%
3	-10%	-20%	-16%	-3%	-11%	-10%	-9%	-1%	-12%	-11%	-12%	-6%
4	-9%	-20%	-16%	7%	-13%	-8%	-2%	-5%	-6%	-10%	-4%	-5%
5	-13%	-20%	-12%	21%	-10%	-11%	33%	13%	-4%	40%	-7%	-11%
6	25%	0%	15%	18%	-4%	-11%	18%	-1%	-3%	35%	1%	0%
7	1%	0%	22%	-16%	0%	-5%	-7%	-11%	-16%	3%	15%	35%
8	-10%	28%	-15%	-16%	-8%	-4%	-11%	-5%	-9%	-11%	-11%	-11%
9	-11%	-11%	-8%	-13%	2%	-4%	-11%	-10%	-13%	-11%	5%	-5%
10	-21%	-20%	-15%	-29%	-10%	-6%	-11%	-18%	-8%	0%	0%	-20%
11	-21%	-20%	-15%	-33%	-20%	-15%	-11%	-15%	-5%	-51%	0%	-20%
12	-40%	-20%	-21%	-35%	-3%	-18%	-11%	-15%	-5%	-46%	-12%	-47%
13	-37%	-20%	-13%	-33%	-3%	-19%	-11%	-16%	-11%	-12%	-29%	-66%
14	-42%	-20%	-19%	-32%	-11%	-16%	-11%	-4%	-8%	-20%	-13%	-57%
15	-35%	-20%	-17%	-22%	-14%	-11%	-11%	1%	-12%	-20%	-5%	-20%
16	-7%	-12%	-13%	-6%	-3%	-4%	-11%	-8%	-9%	-20%	-4%	-20%
17	-10%	-10%	-13%	-10%	-8%	-4%	-11%	-9%	-11%	-20%	-15%	18%
18	23%	3%	26%	-8%	-3%	-4%	-11%	-9%	-6%	-4%	-9%	37%
19	35%	54%	61%	8%	0%	-7%	-11%	5%	17%	27%	-1%	13%
20	28%	42%	30%	28%	20%	3%	-7%	8%	-9%	7%	0%	0%
21	19%	37%	10%	32%	28%	9%	6%	12%	2%	32%	9%	0%
22	29%	44%	26%	27%	17%	28%	9%	18%	10%	38%	9%	15%
23	15%	0%	-5%	16%	2%	43%	20%	37%	30%	43%	26%	47%
24	-11%	0%	-9%	19%	3%	35%	44%	9%	44%	-19%	8%	4%
2022	1	2	3	4	5	6	7	8	9	10	11	12
1	-2%	13%	22%	17%	18%	37%	13%	26%	44%	24%	24%	65%
2	7%	0%	1%	11%	19%	12%	26%	36%	41%	13%	43%	9%
3	-8%	3%	6%	30%	44%	10%	43%	3%	27%	44%	5%	-1%
4	-2%	57%	3%	28%	41%	27%	65%	46%	5%	2%	2%	-2%
5	-2%	4%	15%	40%	51%	32%	15%	26%	30%	14%	25%	50%
6	43%	50%	48%	35%	-9%	-8%	44%	28%	6%	43%	28%	5%
7	50%	33%	13%	2%	-12%	-11%	-16%	-16%	-17%	-2%	31%	53%
8	-4%	-14%	-8%	-20%	-15%	-12%	-14%	-28%	-36%	-14%	-19%	-14%
9	-40%	-12%	-19%	-23%	-48%	-14%	-64%	-49%	-55%	-22%	-6%	-12%
10	-34%	-28%	-52%	-49%	-57%	-18%	-61%	-44%	-73%	-54%	-23%	-19%
11	-49%	-67%	-48%	-52%	-60%	-51%	-60%	-54%	-46%	-52%	-24%	-64%
12	-49%	-52%	-59%	-53%	-49%	-47%	-60%	-50%	-33%	-56%	-60%	-63%
13	-48%	-52%	-60%	-52%	-42%	-47%	-43%	-19%	-31%	-67%	-57%	-63%
14	-51%	-52%	-60%	-52%	-29%	-38%	-32%	-10%	-13%	-27%	-61%	-63%
15	-37%	-52%	-40%	-49%	-12%	-55%	-3%	-9%	-3%	-36%	-36%	-35%
16	-21%	-3%	-10%	-26%	-13%	-16%	-3%	-12%	-5%	-4%	-10%	-3%
17	-1%	-7%	-2%	-3%	-2%	-10%	-7%	-14%	-7%	-19%	-9%	2%
18	29%	3%	-2%	-7%	-9%	-9%	-6%	-8%	-9%	-3%	-5%	-13%
19	26%	-1%	18%	17%	-10%	7%	-17%	3%	19%	-1%	-3%	33%

20	4%	20%	48%	23%	17%	9%	51%	13%	5%	30%	-4%	13%
21	7%	0%	29%	32%	12%	18%	0%	3%	6%	35%	5%	13%
22	25%	0%	17%	17%	7%	36%	6%	11%	10%	45%	5%	0%
23	28%	65%	15%	20%	22%	43%	13%	18%	10%	1%	18%	17%
24	23%	4%	16%	9%	33%	11%	5%	11%	31%	14%	33%	0%
2026	1	2	3	4	5	6	7	8	9	10	11	12
1	7%	17%	30%	14%	26%	25%	16%	32%	15%	34%	27%	28%
2	-2%	0%	17%	17%	16%	8%	28%	25%	15%	7%	35%	6%
3	31%	-7%	14%	15%	22%	17%	31%	28%	14%	17%	-2%	-7%
4	-10%	4%	20%	11%	21%	27%	31%	7%	12%	8%	0%	-6%
5	4%	0%	33%	28%	38%	15%	-12%	21%	5%	2%	-6%	0%
6	-1%	34%	35%	22%	0%	-5%	30%	49%	26%	16%	26%	38%
7	36%	32%	6%	-2%	-2%	-11%	-9%	-12%	-13%	-15%	43%	24%
8	7%	-3%	4%	-19%	-9%	-20%	-8%	-29%	-25%	-6%	-7%	-9%
9	-14%	-9%	-15%	-23%	-16%	-25%	-45%	-49%	-41%	-27%	1%	-3%
10	-40%	-8%	-44%	-32%	-75%	-18%	-60%	-49%	-65%	-57%	-26%	-52%
11	-53%	-58%	-44%	-48%	-60%	-42%	-60%	-60%	-51%	-56%	-52%	-60%
12	-56%	-59%	-56%	-59%	-60%	-59%	-60%	-57%	-35%	-56%	-60%	-60%
13	-56%	-59%	-57%	-58%	-56%	-24%	-33%	-44%	-33%	-56%	-60%	-60%
14	-50%	-59%	-56%	-53%	-25%	-34%	-35%	-12%	-27%	-33%	-58%	-60%
15	-37%	-51%	-31%	-46%	-13%	-34%	0%	-2%	-2%	-3%	-38%	-8%
16	-2%	-4%	-9%	-8%	-3%	-5%	-6%	-4%	-5%	-3%	-9%	-1%
17	-2%	-3%	2%	-1%	-4%	-26%	-4%	-4%	-6%	0%	-2%	-4%
18	21%	2%	0%	-4%	-10%	-23%	-1%	-6%	-1%	6%	1%	-6%
19	28%	65%	-1%	36%	4%	14%	-4%	-5%	36%	12%	8%	27%
20	13%	7%	5%	25%	4%	1%	32%	16%	5%	14%	2%	16%
21	11%	15%	16%	6%	26%	12%	33%	2%	9%	11%	4%	16%
22	34%	4%	7%	12%	16%	53%	17%	17%	20%	17%	5%	16%
23	10%	17%	17%	41%	15%	26%	2%	13%	21%	45%	22%	50%
24	29%	30%	7%	16%	34%	25%	16%	21%	32%	27%	38%	16%
2030	1	2	3	4	5	6	7	8	9	10	11	12
1	19%	-3%	3%	16%	18%	10%	4%	19%	9%	-1%	5%	1%
2	-1%	-5%	-2%	6%	1%	5%	0%	0%	1%	-6%	-2%	0%
3	-22%	-8%	-1%	0%	6%	3%	0%	-1%	-4%	-12%	1%	11%
4	-11%	-14%	-1%	0%	4%	4%	0%	1%	0%	-13%	0%	-7%
5	-5%	-12%	-3%	3%	-9%	8%	31%	-12%	-18%	-5%	14%	0%
6	-8%	0%	22%	22%	-9%	4%	-13%	-15%	-20%	-3%	-10%	-16%
7	23%	21%	9%	-1%	0%	3%	0%	-1%	-3%	-3%	20%	42%
8	-5%	0%	11%	25%	-2%	44%	0%	7%	-3%	1%	-6%	-20%
9	-9%	53%	-21%	-50%	-17%	-57%	-1%	-42%	-30%	-11%	-11%	18%
10	-65%	-72%	-45%	-53%	-54%	-49%	-44%	-60%	-61%	-60%	-28%	-71%
11	-61%	-61%	-47%	-55%	-58%	-51%	-60%	-60%	-60%	-60%	-34%	-60%
12	-63%	-66%	-57%	-54%	-59%	-53%	-60%	-61%	-56%	-63%	-61%	-60%
13	-61%	-61%	-61%	-58%	-54%	-57%	-60%	-42%	-52%	-60%	-64%	-62%
14	-48%	-60%	-39%	-45%	-31%	-41%	-39%	-16%	-10%	-42%	-55%	-60%
15	-38%	-48%	-24%	-42%	-13%	-41%	0%	-6%	-5%	7%	-48%	-52%
16	-5%	8%	-3%	-26%	-7%	-25%	1%	1%	0%	19%	4%	9%

17	15%	6%	2%	16%	-5%	20%	-3%	3%	-1%	0%	2%	55%
18	49%	28%	16%	6%	3%	-4%	0%	0%	0%	32%	11%	34%
19	42%	55%	35%	28%	34%	16%	28%	13%	51%	54%	69%	75%
20	36%	74%	24%	54%	22%	28%	37%	61%	45%	37%	17%	20%
21	46%	20%	40%	21%	43%	19%	20%	50%	35%	39%	48%	20%
22	10%	20%	17%	25%	14%	23%	17%	24%	53%	50%	17%	7%
23	36%	8%	17%	19%	49%	16%	23%	17%	21%	2%	9%	0%
24	17%	4%	5%	17%	11%	54%	20%	17%	8%	-8%	0%	0%

Average Pumped Storage Charge/Discharge (MW / Rated MW of Capacity)

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	9%	0%	-2%	4%	1%	1%	0%	0%	0%	0%	5%	16%
2	11%	-4%	-4%	5%	0%	-3%	0%	-1%	-1%	-4%	4%	4%
3	15%	-5%	-3%	13%	-1%	-3%	0%	-1%	-3%	-5%	-3%	0%
4	5%	-5%	-3%	8%	0%	-2%	0%	-1%	0%	0%	-9%	10%
5	12%	-3%	1%	11%	-5%	-2%	0%	1%	4%	26%	-6%	0%
6	10%	0%	6%	11%	1%	5%	3%	3%	20%	20%	5%	0%
7	15%	0%	3%	7%	1%	5%	7%	4%	-3%	7%	12%	25%
8	3%	0%	2%	-6%	-3%	-3%	-5%	-4%	-14%	-12%	7%	-9%
9	-3%	-18%	-11%	-15%	-2%	2%	-1%	-12%	-13%	-19%	-4%	-19%
10	-3%	-17%	-10%	-25%	-4%	-1%	-2%	-12%	-19%	-17%	-13%	-17%
11	-30%	-17%	-12%	-33%	-6%	-11%	-1%	-9%	-15%	-20%	-16%	-16%
12	-48%	-15%	-17%	-31%	-7%	-11%	-3%	-7%	-5%	-20%	-20%	-18%
13	-47%	-15%	-14%	-18%	-8%	-13%	-6%	-8%	-7%	-16%	-19%	-20%
14	-44%	-14%	-15%	-18%	-5%	-10%	3%	-1%	-9%	-17%	-18%	-20%
15	-34%	-14%	-15%	-13%	-7%	-16%	-4%	-2%	-1%	-18%	-14%	-14%
16	-5%	-12%	-13%	-12%	-7%	-15%	-9%	0%	-7%	-14%	-6%	-17%
17	3%	11%	2%	-10%	-2%	-13%	-9%	-1%	-9%	-7%	2%	6%
18	10%	42%	4%	4%	0%	-6%	-7%	1%	-2%	16%	9%	17%
19	9%	27%	29%	12%	2%	5%	5%	5%	5%	7%	7%	9%
20	11%	6%	19%	24%	4%	8%	5%	6%	8%	14%	8%	10%
21	16%	6%	12%	12%	6%	7%	5%	7%	10%	15%	8%	10%
22	11%	0%	12%	10%	5%	7%	5%	8%	6%	8%	9%	7%
23	8%	20%	0%	9%	3%	19%	1%	9%	12%	21%	12%	7%
24	7%	0%	-2%	5%	2%	19%	0%	0%	12%	-1%	6%	2%
2022	1	2	3	4	5	6	7	8	9	10	11	12
1	31%	5%	22%	52%	22%	44%	7%	6%	42%	12%	43%	24%
2	24%	26%	21%	49%	33%	44%	11%	11%	6%	5%	9%	2%
3	29%	11%	19%	54%	27%	49%	8%	19%	28%	10%	11%	10%
4	5%	0%	18%	54%	33%	56%	20%	50%	5%	13%	13%	2%
5	34%	11%	25%	57%	14%	39%	80%	74%	12%	6%	14%	0%
6	33%	64%	45%	45%	7%	8%	13%	4%	24%	37%	22%	60%
7	19%	43%	26%	-3%	-4%	-6%	9%	-9%	-2%	12%	33%	25%
8	4%	-3%	-7%	-24%	-16%	-10%	-20%	-17%	-14%	0%	-3%	-8%
9	-40%	-9%	-32%	-57%	-22%	-33%	-20%	-54%	-31%	-6%	-1%	-13%
10	-48%	-32%	-39%	-87%	-36%	-78%	-41%	-70%	-67%	-83%	-35%	-16%
11	-62%	-88%	-68%	-97%	-53%	-67%	-36%	-33%	-56%	-86%	-41%	-20%
12	-65%	-86%	-73%	-91%	-62%	-91%	-49%	-47%	-55%	-84%	-85%	-66%
13	-67%	-85%	-76%	-97%	-38%	-85%	-20%	-29%	-11%	-75%	-88%	-89%
14	-65%	-85%	-62%	-98%	-39%	-80%	-20%	-25%	-6%	-77%	-88%	-90%
15	-45%	-84%	-39%	-95%	-35%	-75%	-20%	-16%	-6%	-15%	-31%	-8%
16	-35%	-9%	-28%	-85%	-24%	-57%	-20%	-2%	1%	-4%	-2%	-9%
17	2%	-4%	-11%	-16%	-14%	-18%	-4%	-5%	-2%	-4%	0%	8%
18	18%	43%	0%	-7%	-9%	-13%	-8%	-6%	4%	40%	27%	42%
19	20%	40%	41%	37%	10%	6%	12%	7%	10%	41%	13%	10%

20	19%	9%	24%	61%	29%	65%	4%	15%	9%	14%	17%	12%
21	26%	14%	19%	34%	15%	59%	13%	25%	7%	16%	17%	6%
22	21%	15%	11%	50%	21%	31%	10%	18%	13%	23%	14%	23%
23	34%	18%	16%	36%	18%	44%	6%	7%	13%	15%	16%	7%
24	6%	70%	40%	68%	27%	39%	12%	14%	15%	77%	29%	16%
2026	1	2	3	4	5	6	7	8	9	10	11	12
1	32%	33%	65%	62%	45%	42%	5%	15%	25%	14%	62%	36%
2	42%	11%	58%	29%	40%	51%	3%	29%	0%	8%	15%	6%
3	14%	2%	38%	48%	36%	27%	10%	42%	7%	12%	28%	2%
4	24%	0%	31%	49%	49%	47%	0%	43%	32%	8%	11%	13%
5	4%	2%	55%	72%	34%	54%	94%	35%	24%	46%	16%	8%
6	32%	91%	21%	68%	1%	-2%	11%	33%	19%	64%	37%	37%
7	25%	64%	21%	-6%	-16%	-10%	1%	-2%	-14%	-1%	31%	52%
8	-3%	0%	-19%	-40%	-21%	-15%	-19%	-18%	-14%	0%	-8%	-8%
9	-34%	-10%	-23%	-73%	-31%	-23%	-20%	-70%	-28%	-13%	-1%	0%
10	-44%	-50%	-70%	-90%	-40%	-76%	-22%	-70%	-62%	-88%	-32%	-8%
11	-68%	-100%	-74%	-95%	-69%	-68%	-33%	-48%	-60%	-90%	-63%	-24%
12	-70%	-97%	-94%	-98%	-76%	-56%	-43%	-71%	-60%	-90%	-90%	-82%
13	-69%	-97%	-94%	-98%	-42%	-82%	-20%	-25%	-29%	-91%	-95%	-97%
14	-69%	-84%	-94%	-98%	-37%	-92%	-20%	-15%	-20%	-81%	-88%	-97%
15	-52%	-99%	-82%	-96%	-38%	-81%	-20%	-8%	-9%	-26%	-50%	-8%
16	-36%	-4%	-32%	-88%	-37%	-33%	-18%	0%	-4%	0%	-4%	-12%
17	-1%	-4%	-14%	-31%	-26%	-18%	-8%	-4%	-7%	0%	-2%	2%
18	35%	62%	5%	-9%	-8%	-13%	-15%	-7%	-9%	40%	16%	47%
19	31%	7%	33%	30%	-3%	-1%	3%	15%	23%	41%	17%	13%
20	13%	31%	31%	78%	45%	65%	17%	9%	31%	32%	14%	9%
21	29%	16%	6%	63%	8%	57%	10%	20%	11%	31%	16%	13%
22	11%	34%	16%	56%	20%	21%	12%	10%	13%	37%	16%	6%
23	29%	42%	38%	35%	18%	40%	16%	8%	20%	14%	13%	6%
24	13%	26%	39%	57%	33%	41%	7%	7%	36%	11%	32%	4%
2030	1	2	3	4	5	6	7	8	9	10	11	12
1	30%	0%	6%	33%	34%	79%	9%	1%	3%	28%	10%	54%
2	7%	0%	3%	12%	33%	51%	5%	1%	0%	0%	9%	11%
3	7%	0%	3%	16%	27%	17%	0%	1%	0%	0%	2%	2%
4	6%	0%	3%	26%	21%	36%	0%	1%	6%	0%	2%	11%
5	6%	0%	3%	40%	16%	76%	16%	18%	24%	0%	1%	11%
6	5%	0%	42%	51%	10%	9%	9%	8%	36%	45%	33%	40%
7	2%	87%	23%	-12%	-11%	-11%	-10%	-7%	-14%	5%	11%	5%
8	-14%	-8%	-23%	-71%	-29%	-65%	-10%	-18%	-19%	-23%	-24%	-8%
9	-48%	-63%	-40%	-89%	-37%	-90%	-18%	-77%	-52%	-87%	-24%	-39%
10	-74%	-96%	-85%	-98%	-81%	-96%	-77%	-82%	-98%	-99%	-38%	-89%
11	-86%	-100%	-88%	-99%	-94%	-98%	-100%	-88%	-93%	-100%	-73%	-100%
12	-100%	-100%	-100%	-100%	-99%	-98%	-100%	-93%	-61%	-100%	-94%	-100%
13	-91%	-100%	-100%	-100%	-95%	-95%	-81%	-85%	-63%	-98%	-100%	-100%
14	-78%	-100%	-100%	-100%	-69%	-95%	-74%	-30%	-60%	-96%	-100%	-100%
15	-78%	-100%	-82%	-100%	-48%	-95%	-20%	-23%	-19%	-83%	-62%	-100%
16	-47%	-95%	-43%	-99%	-43%	-95%	-15%	-16%	-5%	-13%	0%	-12%

17	2%	0%	-8%	-36%	-27%	-18%	-18%	6%	-4%	0%	0%	16%
18	93%	100%	7%	0%	-2%	-11%	-11%	9%	-3%	85%	63%	87%
19	90%	100%	89%	90%	12%	11%	16%	52%	95%	90%	50%	65%
20	67%	64%	85%	97%	84%	87%	77%	71%	77%	86%	79%	85%
21	50%	79%	61%	98%	70%	91%	92%	70%	79%	84%	52%	81%
22	73%	80%	70%	98%	87%	88%	82%	74%	54%	97%	44%	28%
23	34%	86%	74%	89%	48%	74%	50%	59%	6%	31%	15%	16%
24	8%	9%	57%	65%	50%	68%	71%	39%	3%	0%	17%	0%

Average Thermal Emission Factor by Month-Hour (tCO2/MWh)

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	0.40	0.41	0.41	0.41	0.39	0.41	0.36	0.37	0.37	0.37	0.37	0.37
2	0.40	0.41	0.41	0.41	0.39	0.41	0.36	0.37	0.37	0.37	0.37	0.36
3	0.40	0.41	0.41	0.41	0.40	0.41	0.37	0.37	0.37	0.37	0.37	0.37
4	0.40	0.41	0.41	0.41	0.39	0.41	0.37	0.37	0.37	0.37	0.37	0.36
5	0.40	0.41	0.41	0.41	0.40	0.41	0.36	0.37	0.37	0.37	0.37	0.36
6	0.40	0.41	0.41	0.41	0.40	0.41	0.37	0.37	0.37	0.38	0.37	0.36
7	0.40	0.41	0.41	0.41	0.40	0.40	0.37	0.37	0.37	0.37	0.37	0.36
8	0.39	0.40	0.41	0.41	0.39	0.40	0.37	0.37	0.37	0.37	0.37	0.37
9	0.38	0.41	0.41	0.39	0.39	0.39	0.37	0.38	0.37	0.37	0.37	0.37
10	0.38	0.41	0.40	0.39	0.31	0.40	0.37	0.38	0.37	0.38	0.38	0.38
11	0.38	0.40	0.40	0.39	0.32	0.40	0.37	0.38	0.37	0.38	0.38	0.38
12	0.38	0.40	0.40	0.39	0.31	0.39	0.37	0.38	0.37	0.38	0.38	0.38
13	0.38	0.40	0.40	0.38	0.31	0.39	0.36	0.37	0.37	0.38	0.38	0.38
14	0.38	0.39	0.40	0.38	0.32	0.39	0.37	0.37	0.38	0.38	0.38	0.38
15	0.38	0.40	0.40	0.39	0.32	0.39	0.37	0.38	0.38	0.37	0.38	0.38
16	0.38	0.40	0.41	0.41	0.32	0.40	0.37	0.39	0.38	0.37	0.37	0.38
17	0.40	0.40	0.41	0.41	0.40	0.41	0.38	0.39	0.39	0.38	0.38	0.37
18	0.40	0.40	0.41	0.41	0.40	0.40	0.39	0.39	0.40	0.39	0.39	0.38
19	0.41	0.41	0.42	0.42	0.40	0.41	0.39	0.39	0.40	0.39	0.39	0.39
20	0.41	0.41	0.42	0.42	0.40	0.41	0.39	0.39	0.40	0.39	0.39	0.38
21	0.40	0.41	0.41	0.42	0.40	0.41	0.39	0.39	0.39	0.39	0.39	0.38
22	0.40	0.41	0.41	0.41	0.40	0.41	0.38	0.38	0.39	0.38	0.39	0.38
23	0.40	0.41	0.41	0.41	0.40	0.40	0.37	0.37	0.38	0.37	0.38	0.37
24	0.40	0.41	0.41	0.41	0.39	0.40	0.36	0.37	0.37	0.37	0.37	0.37

2022	1	2	3	4	5	6	7	8	9	10	11	12
1	0.39	0.39	0.40	0.42	0.41	0.43	0.37	0.39	0.37	0.38	0.37	0.39
2	0.39	0.39	0.41	0.42	0.41	0.43	0.37	0.39	0.37	0.38	0.37	0.39
3	0.39	0.38	0.41	0.42	0.41	0.43	0.36	0.39	0.37	0.38	0.37	0.39
4	0.39	0.38	0.41	0.42	0.41	0.43	0.37	0.39	0.37	0.38	0.37	0.39
5	0.39	0.38	0.41	0.42	0.41	0.43	0.38	0.39	0.37	0.38	0.37	0.38
6	0.39	0.39	0.41	0.42	0.41	0.43	0.37	0.39	0.38	0.39	0.37	0.38
7	0.39	0.40	0.41	0.34	0.33	0.41	0.36	0.38	0.38	0.38	0.38	0.39
8	0.39	0.40	0.29	0.28	0.32	0.55	0.38	0.39	0.38	0.39	0.38	0.38
9	0.20	0.41	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.01	0.22	0.36
10	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.01	0.23	0.38
11	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.01	0.23	0.38
12	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.01	0.23	0.38
13	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.01	0.23	0.38
14	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.37	0.01	0.23	0.38
15	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.31	0.37	0.01	0.23	0.38
16	0.19	0.00	0.26	0.00	0.25	0.02	0.38	0.33	0.37	0.40	0.37	0.38
17	0.40	0.41	0.28	0.24	0.25	0.34	0.36	0.40	0.38	0.40	0.39	0.39
18	0.40	0.40	0.41	0.42	0.33	0.42	0.38	0.40	0.39	0.40	0.39	0.40
19	0.41	0.40	0.42	0.42	0.41	0.42	0.39	0.40	0.40	0.40	0.40	0.40
20	0.40	0.40	0.42	0.43	0.42	0.44	0.41	0.40	0.39	0.40	0.40	0.40
21	0.40	0.40	0.41	0.42	0.41	0.43	0.40	0.40	0.39	0.40	0.39	0.40
22	0.40	0.40	0.41	0.42	0.40	0.42	0.40	0.39	0.38	0.39	0.39	0.40
23	0.40	0.40	0.41	0.42	0.41	0.42	0.39	0.39	0.38	0.38	0.39	0.39

CAISO Import Emissions Offset		2018	2022	2026	2030
Emissions offset for NW hydroelectric imports	*MMtCO2/yr.*	2.8	2.8	2.8	2.8

24	0.39	0.39	0.41	0.42	0.41	0.42	0.38	0.39	0.38	0.37	0.38	0.39
2026	1	2	3	4	5	6	7	8	9	10	11	12
1	0.39	0.37	0.38	0.41	0.40	0.42	0.38	0.39	0.38	0.38	0.37	0.38
2	0.38	0.37	0.37	0.41	0.40	0.42	0.38	0.39	0.37	0.38	0.37	0.38
3	0.38	0.37	0.37	0.42	0.40	0.42	0.38	0.39	0.37	0.37	0.37	0.38
4	0.38	0.37	0.38	0.42	0.40	0.42	0.38	0.39	0.37	0.38	0.37	0.38
5	0.38	0.37	0.38	0.42	0.40	0.42	0.39	0.39	0.37	0.38	0.37	0.38
6	0.38	0.36	0.39	0.41	0.40	0.42	0.38	0.38	0.38	0.38	0.37	0.37
7	0.39	0.38	0.39	0.33	0.32	0.42	0.37	0.37	0.38	0.38	0.37	0.38
8	0.38	0.38	0.40	0.32	0.31	0.39	0.36	0.39	0.37	0.38	0.38	0.38
9	0.19	0.39	0.26	0.01	0.24	0.02	0.38	0.33	0.38	0.38	0.22	0.37
10	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.38	0.23	0.38
11	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.38	0.23	0.38
12	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.38	0.23	0.38
13	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.38	0.23	0.38
14	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.33	0.38	0.38	0.23	0.38
15	0.20	0.00	0.27	0.00	0.24	0.02	0.38	0.31	0.38	0.38	0.23	0.38
16	0.19	0.40	0.26	0.01	0.23	0.02	0.38	0.32	0.37	0.37	0.38	0.37
17	0.40	0.40	0.38	0.31	0.32	0.43	0.37	0.39	0.38	0.40	0.39	0.39
18	0.40	0.39	0.39	0.42	0.40	0.41	0.39	0.39	0.39	0.39	0.39	0.39
19	0.40	0.40	0.40	0.41	0.40	0.41	0.39	0.39	0.40	0.40	0.39	0.39
20	0.40	0.40	0.40	0.42	0.41	0.41	0.40	0.40	0.40	0.40	0.39	0.39
21	0.40	0.40	0.40	0.41	0.40	0.41	0.40	0.39	0.39	0.39	0.39	0.39
22	0.40	0.39	0.39	0.41	0.40	0.40	0.39	0.39	0.39	0.39	0.39	0.39
23	0.39	0.39	0.39	0.41	0.40	0.40	0.39	0.39	0.38	0.38	0.38	0.39
24	0.39	0.38	0.38	0.41	0.40	0.41	0.38	0.39	0.38	0.37	0.37	0.38
2030	1	2	3	4	5	6	7	8	9	10	11	12
1	0.37	0.37	0.36	0.40	0.38	0.39	0.36	0.37	0.37	0.36	0.37	0.37
2	0.37	0.37	0.36	0.40	0.37	0.39	0.36	0.37	0.37	0.36	0.37	0.37
3	0.37	0.37	0.36	0.40	0.37	0.39	0.36	0.37	0.37	0.36	0.37	0.37
4	0.37	0.37	0.36	0.40	0.37	0.39	0.36	0.37	0.37	0.36	0.36	0.37
5	0.36	0.37	0.37	0.40	0.38	0.39	0.36	0.37	0.37	0.36	0.36	0.37
6	0.37	0.36	0.37	0.40	0.37	0.39	0.36	0.37	0.37	0.36	0.37	0.36
7	0.37	0.36	0.38	0.39	0.38	0.38	0.37	0.38	0.37	0.37	0.37	0.36
8	0.37	0.38	0.40	0.31	0.32	0.14	0.39	0.38	0.38	0.39	0.38	0.38
9	0.20	0.39	0.27	0.00	0.00	0.02	0.00	0.07	0.18	0.01	0.23	0.39
10	0.10	0.00	0.09	0.00	0.00	0.02	0.00	0.07	0.18	0.01	0.24	0.00
11	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.18	0.01	0.00	0.00
12	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.18	0.01	0.00	0.00
13	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.17	0.01	0.00	0.00
14	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.07	0.17	0.01	0.00	0.00
15	0.10	0.00	0.00	0.00	0.19	0.02	0.00	0.33	0.17	0.01	0.00	0.00
16	0.19	0.00	0.19	0.00	0.24	0.02	0.39	0.32	0.38	0.39	0.39	0.39
17	0.39	0.39	0.38	0.27	0.23	0.26	0.38	0.37	0.37	0.39	0.39	0.39
18	0.38	0.38	0.38	0.41	0.39	0.40	0.37	0.38	0.39	0.38	0.38	0.38
19	0.38	0.38	0.39	0.40	0.39	0.39	0.38	0.39	0.40	0.38	0.39	0.38
20	0.38	0.38	0.39	0.40	0.40	0.40	0.39	0.39	0.39	0.38	0.39	0.38
21	0.38	0.38	0.39	0.40	0.39	0.40	0.39	0.39	0.39	0.38	0.39	0.38
22	0.38	0.38	0.38	0.40	0.39	0.40	0.38	0.38	0.38	0.37	0.38	0.38
23	0.37	0.37	0.37	0.40	0.38	0.39	0.38	0.37	0.38	0.36	0.38	0.38
24	0.37	0.36	0.36	0.40	0.38	0.40	0.36	0.37	0.38	0.36	0.37	0.37

Nox Emission Factor (lb/MWh) - Includes Emissions from Starts, Stops and Steady State Operation for Peaker and Thermal

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0870	0.0954	0.1079	0.1029	0.1082	0.1006	0.0894	0.0848	0.0863	0.0889	0.0945	0.0888
2	0.0871	0.0954	0.1079	0.1027	0.1083	0.1009	0.0894	0.0848	0.0864	0.0889	0.0946	0.0889
3	0.0871	0.0952	0.1078	0.1026	0.1080	0.1007	0.0893	0.0848	0.0863	0.0888	0.0946	0.0890
4	0.0870	0.0951	0.1076	0.1024	0.1072	0.1001	0.0891	0.0847	0.0862	0.0888	0.0946	0.0889
5	0.0868	0.0949	0.1074	0.1021	0.1066	0.0998	0.0889	0.0846	0.0861	0.0886	0.0945	0.0888
6	0.0866	0.0948	0.1072	0.1021	0.1069	0.1003	0.0892	0.0848	0.0862	0.0887	0.0943	0.0887
7	0.0865	0.0947	0.1073	0.1046	0.1104	0.1026	0.0906	0.0853	0.0867	0.0888	0.0945	0.0890
8	0.0867	0.0950	0.1103	0.1111	0.1144	0.1049	0.0917	0.0860	0.0879	0.0904	0.0951	0.0893
9	0.0875	0.0971	0.1136	0.1157	0.1184	0.1048	0.0922	0.0866	0.0887	0.0914	0.0977	0.0904
10	0.0886	0.0982	0.1132	0.1123	0.1162	0.1049	0.0923	0.0867	0.0890	0.0918	0.0992	0.0920
11	0.0895	0.0987	0.1134	0.1121	0.1158	0.1051	0.0922	0.0866	0.0890	0.0917	0.1011	0.0927
12	0.0897	0.0991	0.1140	0.1122	0.1158	0.1061	0.0919	0.0864	0.0891	0.0916	0.1016	0.0936
13	0.0900	0.0990	0.1145	0.1137	0.1153	0.1059	0.0909	0.0858	0.0879	0.0910	0.0998	0.0936
14	0.0898	0.0989	0.1144	0.1122	0.1157	0.1033	0.0900	0.0853	0.0873	0.0902	0.0995	0.0935
15	0.0895	0.0991	0.1161	0.1122	0.1145	0.1020	0.0895	0.0851	0.0866	0.0892	0.0980	0.0927
16	0.0888	0.0984	0.1139	0.1092	0.1128	0.1011	0.0894	0.0856	0.0865	0.0891	0.0958	0.0909
17	0.0867	0.0958	0.1097	0.1057	0.1093	0.1001	0.0894	0.0858	0.0868	0.0896	0.0945	0.0893
18	0.0868	0.0949	0.1071	0.1025	0.1075	0.0999	0.0893	0.0858	0.0871	0.0898	0.0946	0.0893
19	0.0868	0.0948	0.1074	0.1021	0.1065	0.1000	0.0897	0.0860	0.0871	0.0899	0.0945	0.0893
20	0.0867	0.0947	0.1070	0.1022	0.1068	0.1002	0.0898	0.0860	0.0870	0.0897	0.0944	0.0891
21	0.0866	0.0946	0.1068	0.1018	0.1063	0.0999	0.0896	0.0859	0.0869	0.0895	0.0944	0.0892
22	0.0865	0.0945	0.1067	0.1019	0.1061	0.0998	0.0893	0.0852	0.0864	0.0890	0.0942	0.0889
23	0.0865	0.0945	0.1070	0.1026	0.1072	0.0995	0.0890	0.0847	0.0861	0.0889	0.0941	0.0885
24	0.0868	0.0952	0.1075	0.1033	0.1085	0.1004	0.0892	0.0848	0.0862	0.0889	0.0943	0.0887

2022	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0995	0.1028	0.1172	0.1216	0.1163	0.1232	0.1094	0.1084	0.1038	0.0995	0.0982	0.0935
2	0.0995	0.1028	0.1173	0.1216	0.1163	0.1232	0.1094	0.1084	0.1036	0.0994	0.0982	0.0935
3	0.0995	0.1028	0.1173	0.1217	0.1163	0.1232	0.1094	0.1084	0.1036	0.0994	0.0982	0.0935
4	0.0995	0.1028	0.1172	0.1216	0.1163	0.1232	0.1094	0.1084	0.1036	0.0994	0.0982	0.0935
5	0.0996	0.1028	0.1172	0.1217	0.1164	0.1231	0.1093	0.1084	0.1036	0.0994	0.0982	0.0935
6	0.0996	0.1029	0.1173	0.1218	0.1165	0.1233	0.1094	0.1084	0.1036	0.0994	0.0982	0.0935
7	0.0997	0.1029	0.1174	0.1227	0.1177	0.1246	0.1108	0.1089	0.1039	0.0995	0.0982	0.0935
8	0.0997	0.1031	0.1188	0.1228	0.1183	0.1252	0.1107	0.1099	0.1050	0.1009	0.0987	0.0936
9	0.1008	0.1046	0.1190	0.1230	0.1171	0.1251	0.1111	0.1102	0.1055	0.1018	0.0997	0.0946
10	0.1016	0.1051	0.1222	0.1265	0.1173	0.1239	0.1109	0.1100	0.1055	0.1017	0.0989	0.0947
11	0.1034	0.1074	0.1227	0.1268	0.1175	0.1248	0.1124	0.1112	0.1053	0.1018	0.0995	0.0953
12	0.1034	0.1075	0.1232	0.1269	0.1217	0.1260	0.1124	0.1113	0.1054	0.1019	0.1000	0.0956
13	0.1036	0.1079	0.1191	0.1232	0.1217	0.1261	0.1109	0.1102	0.1052	0.1017	0.0992	0.0948
14	0.1036	0.1079	0.1190	0.1232	0.1217	0.1262	0.1108	0.1099	0.1050	0.1010	0.1001	0.0956
15	0.1035	0.1078	0.1204	0.1239	0.1211	0.1262	0.1109	0.1096	0.1049	0.1009	0.1001	0.0955
16	0.1016	0.1057	0.1209	0.1244	0.1181	0.1244	0.1115	0.1099	0.1045	0.1002	0.0996	0.0950
17	0.0998	0.1038	0.1204	0.1237	0.1186	0.1239	0.1111	0.1096	0.1041	0.1000	0.0989	0.0942
18	0.1000	0.1032	0.1176	0.1217	0.1170	0.1235	0.1103	0.1096	0.1052	0.1003	0.0989	0.0943
19	0.1001	0.1032	0.1177	0.1222	0.1174	0.1246	0.1105	0.1097	0.1051	0.1003	0.0989	0.0943

Emissions	***Unit***	**2018**	**2022**	**2026**	**2030**	***Notes***
Clean Net Short	*lbNOx/yr.*	799,031	952,784	954,601	929,718	*Includes oversupply emissions credits*

20	0.1000	0.1032	0.1177	0.1222	0.1173	0.1246	0.1104	0.1096	0.1051	0.1003	0.0989	0.0942
21	0.1000	0.1031	0.1177	0.1222	0.1173	0.1245	0.1102	0.1092	0.1048	0.1003	0.0988	0.0942
22	0.0999	0.1029	0.1175	0.1220	0.1170	0.1243	0.1099	0.1089	0.1043	0.0999	0.0988	0.0942
23	0.0998	0.1028	0.1174	0.1218	0.1164	0.1233	0.1096	0.1086	0.1038	0.0997	0.0985	0.0939
24	0.0995	0.1027	0.1172	0.1216	0.1164	0.1232	0.1094	0.1085	0.1038	0.0996	0.0982	0.0936

2026	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0968	0.0992	0.1102	0.1122	0.1161	0.1218	0.1036	0.1022	0.1055	0.0992	0.0971	0.0867
2	0.0966	0.0990	0.1102	0.1121	0.1161	0.1218	0.1035	0.1021	0.1053	0.0990	0.0970	0.0866
3	0.0966	0.0990	0.1101	0.1121	0.1160	0.1217	0.1034	0.1020	0.1053	0.0990	0.0970	0.0866
4	0.0966	0.0990	0.1101	0.1120	0.1160	0.1217	0.1034	0.1020	0.1053	0.0990	0.0970	0.0866
5	0.0966	0.0990	0.1101	0.1120	0.1159	0.1217	0.1034	0.1020	0.1053	0.0990	0.0969	0.0866
6	0.0966	0.0990	0.1100	0.1120	0.1160	0.1218	0.1034	0.1021	0.1053	0.0990	0.0969	0.0866
7	0.0965	0.0990	0.1102	0.1125	0.1175	0.1229	0.1040	0.1022	0.1053	0.0990	0.0969	0.0866
8	0.0966	0.0991	0.1115	0.1146	0.1188	0.1239	0.1052	0.1033	0.1064	0.1001	0.0971	0.0866
9	0.0972	0.1001	0.1121	0.1142	0.1183	0.1237	0.1051	0.1039	0.1070	0.1010	0.0981	0.0870
10	0.0982	0.1006	0.1117	0.1141	0.1183	0.1237	0.1051	0.1040	0.1071	0.1009	0.0988	0.0875
11	0.0981	0.1004	0.1116	0.1138	0.1180	0.1237	0.1050	0.1039	0.1070	0.1010	0.0989	0.0879
12	0.0981	0.1003	0.1111	0.1134	0.1177	0.1236	0.1050	0.1038	0.1069	0.1010	0.0990	0.0880
13	0.0994	0.1017	0.1115	0.1140	0.1178	0.1236	0.1047	0.1037	0.1067	0.1008	0.0991	0.0880
14	0.0982	0.1006	0.1116	0.1139	0.1179	0.1235	0.1045	0.1032	0.1064	0.1004	0.0995	0.0881
15	0.0983	0.1008	0.1124	0.1139	0.1179	0.1234	0.1040	0.1028	0.1058	0.0998	0.0986	0.0876
16	0.0979	0.1007	0.1124	0.1138	0.1181	0.1227	0.1037	0.1023	0.1055	0.0992	0.0975	0.0871
17	0.0968	0.0993	0.1106	0.1127	0.1171	0.1222	0.1041	0.1025	0.1058	0.0998	0.0977	0.0872
18	0.0975	0.0999	0.1107	0.1122	0.1162	0.1220	0.1042	0.1031	0.1075	0.1002	0.0977	0.0873
19	0.0975	0.0999	0.1109	0.1130	0.1173	0.1233	0.1049	0.1035	0.1076	0.1002	0.0978	0.0873
20	0.0975	0.0999	0.1109	0.1129	0.1172	0.1234	0.1049	0.1034	0.1074	0.1001	0.0977	0.0872
21	0.0975	0.0999	0.1108	0.1130	0.1172	0.1233	0.1047	0.1031	0.1067	0.0999	0.0977	0.0872
22	0.0974	0.0998	0.1106	0.1124	0.1167	0.1228	0.1041	0.1026	0.1061	0.0997	0.0977	0.0872
23	0.0972	0.0996	0.1104	0.1122	0.1162	0.1219	0.1038	0.1024	0.1058	0.0994	0.0976	0.0872
24	0.0969	0.0993	0.1103	0.1122	0.1162	0.1218	0.1037	0.1022	0.1056	0.0992	0.0972	0.0868

2030	1	2	3	4	5	6	7	8	9	10	11	12
1	0.1015	0.1055	0.1154	0.1181	0.1201	0.1218	0.1127	0.1067	0.1088	0.1033	0.1037	0.0947
2	0.1014	0.1055	0.1154	0.1181	0.1201	0.1218	0.1127	0.1066	0.1086	0.1032	0.1037	0.0946
3	0.1014	0.1055	0.1154	0.1181	0.1201	0.1218	0.1126	0.1065	0.1086	0.1032	0.1037	0.0946
4	0.1014	0.1055	0.1154	0.1181	0.1200	0.1218	0.1126	0.1065	0.1086	0.1032	0.1037	0.0946
5	0.1014	0.1054	0.1154	0.1181	0.1200	0.1218	0.1126	0.1065	0.1086	0.1032	0.1037	0.0946
6	0.1014	0.1054	0.1153	0.1182	0.1202	0.1219	0.1126	0.1066	0.1086	0.1032	0.1037	0.0946
7	0.1013	0.1054	0.1157	0.1192	0.1231	0.1245	0.1136	0.1068	0.1088	0.1032	0.1037	0.0946
8	0.1014	0.1056	0.1193	0.1253	0.1269	0.1272	0.1154	0.1085	0.1105	0.1047	0.1039	0.0946
9	0.1021	0.1074	0.1212	0.1211	0.1238	0.1254	0.1143	0.1094	0.1107	0.1063	0.1061	0.0949
10	0.1037	0.1093	0.1189	0.1211	0.1230	0.1248	0.1151	0.1091	0.1106	0.1062	0.1071	0.0958
11	0.1048	0.1085	0.1188	0.1215	0.1229	0.1247	0.1150	0.1093	0.1106	0.1060	0.1072	0.0968
12	0.1046	0.1088	0.1189	0.1215	0.1231	0.1248	0.1148	0.1080	0.1106	0.1059	0.1076	0.0966
13	0.1052	0.1090	0.1188	0.1210	0.1230	0.1246	0.1146	0.1086	0.1104	0.1057	0.1076	0.0967

14	0.1046	0.1102	0.1187	0.1210	0.1237	0.1249	0.1147	0.1082	0.1103	0.1051	0.1074	0.0968
15	0.1045	0.1098	0.1203	0.1229	0.1243	0.1249	0.1138	0.1074	0.1093	0.1039	0.1064	0.0961
16	0.1031	0.1084	0.1224	0.1225	0.1237	0.1234	0.1129	0.1067	0.1087	0.1032	0.1043	0.0949
17	0.1017	0.1056	0.1167	0.1190	0.1210	0.1228	0.1129	0.1068	0.1090	0.1040	0.1043	0.0951
18	0.1017	0.1058	0.1159	0.1183	0.1200	0.1223	0.1130	0.1074	0.1098	0.1041	0.1042	0.0951
19	0.1017	0.1058	0.1159	0.1186	0.1206	0.1228	0.1136	0.1076	0.1099	0.1041	0.1042	0.0951
20	0.1017	0.1058	0.1159	0.1186	0.1206	0.1228	0.1136	0.1076	0.1098	0.1040	0.1042	0.0951
21	0.1017	0.1058	0.1158	0.1185	0.1205	0.1226	0.1135	0.1074	0.1096	0.1039	0.1042	0.0951
22	0.1017	0.1058	0.1157	0.1184	0.1204	0.1224	0.1132	0.1072	0.1093	0.1039	0.1041	0.0951
23	0.1017	0.1057	0.1156	0.1183	0.1202	0.1220	0.1129	0.1070	0.1090	0.1037	0.1041	0.0950
24	0.1015	0.1056	0.1155	0.1181	0.1202	0.1218	0.1128	0.1069	0.1088	0.1034	0.1038	0.0948

PM Emission Factor (lbs/MWh) - Includes Steady State Emission for Thermal and Peaker

2018	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0471	0.0482	0.0494	0.0501	0.0515	0.0482	0.0466	0.0461	0.0462	0.0463	0.0471	0.0467
2	0.0472	0.0481	0.0493	0.0498	0.0515	0.0484	0.0467	0.0460	0.0462	0.0463	0.0472	0.0468
3	0.0471	0.0479	0.0492	0.0497	0.0512	0.0480	0.0466	0.0460	0.0462	0.0462	0.0472	0.0468
4	0.0471	0.0478	0.0490	0.0494	0.0505	0.0476	0.0464	0.0460	0.0461	0.0462	0.0472	0.0467
5	0.0469	0.0476	0.0488	0.0492	0.0499	0.0475	0.0465	0.0461	0.0461	0.0462	0.0471	0.0467
6	0.0468	0.0475	0.0487	0.0493	0.0502	0.0479	0.0467	0.0462	0.0463	0.0463	0.0470	0.0467
7	0.0469	0.0476	0.0488	0.0516	0.0529	0.0499	0.0479	0.0464	0.0467	0.0464	0.0472	0.0470
8	0.0471	0.0479	0.0516	0.0583	0.0567	0.0525	0.0492	0.0471	0.0478	0.0478	0.0477	0.0472
9	0.0475	0.0496	0.0556	0.0643	0.0618	0.0526	0.0500	0.0479	0.0490	0.0492	0.0502	0.0483
10	0.0486	0.0509	0.0567	0.0605	0.0597	0.0531	0.0501	0.0480	0.0494	0.0497	0.0523	0.0501
11	0.0497	0.0535	0.0572	0.0608	0.0594	0.0545	0.0500	0.0480	0.0494	0.0497	0.0549	0.0512
12	0.0501	0.0540	0.0581	0.0611	0.0596	0.0542	0.0495	0.0476	0.0508	0.0495	0.0557	0.0522
13	0.0522	0.0518	0.0585	0.0623	0.0591	0.0538	0.0483	0.0471	0.0480	0.0487	0.0549	0.0522
14	0.0502	0.0516	0.0580	0.0605	0.0594	0.0508	0.0473	0.0466	0.0472	0.0478	0.0537	0.0520
15	0.0498	0.0518	0.0584	0.0599	0.0581	0.0494	0.0470	0.0465	0.0465	0.0469	0.0511	0.0509
16	0.0489	0.0510	0.0553	0.0562	0.0557	0.0489	0.0468	0.0467	0.0465	0.0467	0.0484	0.0489
17	0.0471	0.0485	0.0508	0.0527	0.0523	0.0475	0.0468	0.0468	0.0467	0.0470	0.0472	0.0472
18	0.0471	0.0477	0.0484	0.0497	0.0503	0.0473	0.0467	0.0468	0.0469	0.0471	0.0472	0.0472
19	0.0471	0.0477	0.0485	0.0491	0.0493	0.0475	0.0470	0.0469	0.0469	0.0471	0.0472	0.0472
20	0.0471	0.0477	0.0484	0.0491	0.0494	0.0476	0.0470	0.0470	0.0469	0.0470	0.0472	0.0471
21	0.0470	0.0476	0.0483	0.0490	0.0493	0.0475	0.0469	0.0469	0.0468	0.0469	0.0472	0.0471
22	0.0469	0.0476	0.0482	0.0492	0.0495	0.0474	0.0467	0.0466	0.0465	0.0466	0.0471	0.0470
23	0.0468	0.0477	0.0484	0.0498	0.0507	0.0475	0.0465	0.0462	0.0463	0.0465	0.0470	0.0468
24	0.0470	0.0481	0.0490	0.0506	0.0520	0.0480	0.0465	0.0461	0.0462	0.0464	0.0470	0.0468

2022	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0428	0.0428	0.0428	0.0431	0.0433	0.0436	0.0433	0.0434	0.0433	0.0431	0.0428	0.0430
2	0.0427	0.0427	0.0428	0.0431	0.0433	0.0436	0.0433	0.0434	0.0430	0.0429	0.0427	0.0428
3	0.0427	0.0428	0.0429	0.0430	0.0431	0.0432	0.0431	0.0434	0.0430	0.0429	0.0426	0.0428
4	0.0427	0.0429	0.0429	0.0431	0.0428	0.0431	0.0432	0.0435	0.0431	0.0430	0.0426	0.0429
5	0.0428	0.0429	0.0430	0.0432	0.0430	0.0434	0.0434	0.0436	0.0432	0.0431	0.0427	0.0430
6	0.0429	0.0429	0.0432	0.0434	0.0434	0.0437	0.0432	0.0437	0.0434	0.0432	0.0430	0.0431
7	0.0432	0.0432	0.0432	0.0447	0.0405	0.0457	0.0448	0.0433	0.0430	0.0433	0.0432	0.0433
8	0.0433	0.0432	0.0457	0.0472	0.0593	0.0566	0.0462	0.0461	0.0458	0.0460	0.0432	0.0433
9	0.0442	0.0461	0.0476	0.0509	0.0518	0.0493	0.0469	0.0466	0.0465	0.0468	0.0456	0.0439
10	0.0458	0.0467	0.0482	0.0500	0.0501	0.0469	0.0469	0.0466	0.0466	0.0471	0.0464	0.0461
11	0.0478	0.0480	0.0490	0.0511	0.0540	0.0492	0.0472	0.0473	0.0465	0.0472	0.0484	0.0465
12	0.0478	0.0481	0.0497	0.0507	0.0496	0.0471	0.0471	0.0472	0.0462	0.0472	0.0495	0.0470
13	0.0479	0.0482	0.0500	0.0512	0.0494	0.0473	0.0454	0.0456	0.0456	0.0471	0.0464	0.0463
14	0.0479	0.0486	0.0496	0.0500	0.0396	0.0413	0.0451	0.0448	0.0460	0.0462	0.0476	0.0470
15	0.0477	0.0480	0.0492	0.0498	0.0487	0.0462	0.0449	0.0446	0.0445	0.0447	0.0464	0.0462
16	0.0457	0.0471	0.0486	0.0488	0.0490	0.0449	0.0446	0.0445	0.0437	0.0434	0.0445	0.0447
17	0.0432	0.0436	0.0475	0.0470	0.0483	0.0446	0.0442	0.0442	0.0433	0.0433	0.0435	0.0436
18	0.0435	0.0432	0.0432	0.0432	0.0456	0.0437	0.0439	0.0444	0.0447	0.0440	0.0438	0.0438
19	0.0435	0.0434	0.0437	0.0439	0.0440	0.0454	0.0445	0.0450	0.0447	0.0440	0.0437	0.0437

Emissions	***Unit***	**2018**	**2022**	**2026**	**2030**	***Notes***
Clean Net Short	*lbPM/yr.*	408,677	388,742	405,055	373,879	*Includes oversupply emissions credits*

20	0.0434	0.0432	0.0436	0.0439	0.0439	0.0453	0.0445	0.0449	0.0446	0.0438	0.0436	0.0437
21	0.0433	0.0431	0.0434	0.0436	0.0440	0.0452	0.0443	0.0445	0.0442	0.0436	0.0436	0.0437
22	0.0433	0.0430	0.0431	0.0433	0.0435	0.0447	0.0439	0.0441	0.0438	0.0435	0.0436	0.0436
23	0.0433	0.0428	0.0430	0.0432	0.0433	0.0437	0.0435	0.0437	0.0435	0.0434	0.0434	0.0435
24	0.0431	0.0429	0.0429	0.0431	0.0437	0.0435	0.0433	0.0434	0.0434	0.0432	0.0432	0.0431

2026	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0434	0.0434	0.0432	0.0434	0.0436	0.0438	0.0436	0.0439	0.0437	0.0434	0.0432	0.0432
2	0.0431	0.0431	0.0431	0.0434	0.0435	0.0437	0.0435	0.0438	0.0435	0.0432	0.0429	0.0431
3	0.0430	0.0431	0.0430	0.0432	0.0433	0.0435	0.0434	0.0438	0.0435	0.0432	0.0429	0.0430
4	0.0430	0.0431	0.0430	0.0433	0.0434	0.0437	0.0435	0.0439	0.0436	0.0433	0.0429	0.0431
5	0.0431	0.0432	0.0431	0.0435	0.0436	0.0439	0.0436	0.0439	0.0437	0.0434	0.0429	0.0431
6	0.0432	0.0434	0.0435	0.0436	0.0434	0.0432	0.0433	0.0439	0.0440	0.0438	0.0431	0.0433
7	0.0436	0.0437	0.0432	0.0437	0.0458	0.0444	0.0435	0.0431	0.0429	0.0432	0.0434	0.0437
8	0.0435	0.0431	0.0458	0.0484	0.0486	0.0469	0.0464	0.0452	0.0448	0.0445	0.0428	0.0434
9	0.0434	0.0440	0.0481	0.0494	0.0489	0.0473	0.0467	0.0470	0.0468	0.0470	0.0449	0.0433
10	0.0465	0.0464	0.0491	0.0507	0.0500	0.0474	0.0468	0.0472	0.0474	0.0473	0.0471	0.0448
11	0.0467	0.0465	0.0512	0.0523	0.0512	0.0475	0.0467	0.0471	0.0474	0.0475	0.0477	0.0462
12	0.0469	0.0466	0.0517	0.0533	0.0516	0.0475	0.0465	0.0469	0.0471	0.0475	0.0483	0.0467
13	0.0486	0.0481	0.0527	0.0512	0.0505	0.0473	0.0458	0.0464	0.0460	0.0464	0.0485	0.0468
14	0.0469	0.0466	0.0504	0.0495	0.0491	0.0468	0.0452	0.0452	0.0450	0.0452	0.0490	0.0466
15	0.0467	0.0464	0.0483	0.0480	0.0477	0.0460	0.0442	0.0443	0.0438	0.0439	0.0461	0.0449
16	0.0445	0.0452	0.0479	0.0467	0.0469	0.0447	0.0436	0.0437	0.0433	0.0431	0.0434	0.0433
17	0.0434	0.0428	0.0437	0.0442	0.0448	0.0436	0.0438	0.0440	0.0439	0.0440	0.0437	0.0438
18	0.0442	0.0441	0.0437	0.0431	0.0431	0.0435	0.0441	0.0447	0.0456	0.0447	0.0442	0.0441
19	0.0442	0.0442	0.0443	0.0443	0.0444	0.0456	0.0451	0.0454	0.0456	0.0447	0.0442	0.0441
20	0.0442	0.0441	0.0442	0.0443	0.0445	0.0456	0.0452	0.0454	0.0456	0.0446	0.0440	0.0439
21	0.0441	0.0441	0.0439	0.0441	0.0444	0.0456	0.0450	0.0451	0.0451	0.0443	0.0439	0.0439
22	0.0440	0.0439	0.0437	0.0437	0.0439	0.0448	0.0444	0.0446	0.0445	0.0441	0.0439	0.0439
23	0.0439	0.0438	0.0436	0.0435	0.0436	0.0440	0.0440	0.0443	0.0441	0.0438	0.0438	0.0438
24	0.0436	0.0435	0.0434	0.0434	0.0435	0.0438	0.0438	0.0440	0.0438	0.0436	0.0434	0.0434

2030	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0431	0.0431	0.0432	0.0433	0.0435	0.0435	0.0436	0.0439	0.0435	0.0432	0.0430	0.0431
2	0.0429	0.0429	0.0431	0.0432	0.0433	0.0434	0.0434	0.0437	0.0432	0.0430	0.0428	0.0429
3	0.0428	0.0428	0.0430	0.0432	0.0432	0.0432	0.0432	0.0436	0.0432	0.0429	0.0427	0.0428
4	0.0428	0.0428	0.0431	0.0432	0.0434	0.0433	0.0433	0.0437	0.0432	0.0429	0.0427	0.0428
5	0.0429	0.0429	0.0432	0.0433	0.0436	0.0434	0.0434	0.0438	0.0433	0.0431	0.0427	0.0428
6	0.0430	0.0430	0.0435	0.0434	0.0435	0.0430	0.0431	0.0437	0.0435	0.0434	0.0428	0.0430
7	0.0434	0.0434	0.0436	0.0457	0.0504	0.0480	0.0448	0.0435	0.0430	0.0429	0.0431	0.0433
8	0.0434	0.0430	0.0513	0.0631	0.0621	0.0565	0.0501	0.0471	0.0477	0.0468	0.0431	0.0431
9	0.0441	0.0464	0.0596	0.0620	0.0609	0.0540	0.0481	0.0505	0.0504	0.0525	0.0483	0.0436
10	0.0480	0.0520	0.0607	0.0620	0.0626	0.0547	0.0506	0.0499	0.0507	0.0532	0.0526	0.0463
11	0.0531	0.0509	0.0624	0.0650	0.0615	0.0548	0.0503	0.0508	0.0506	0.0526	0.0542	0.0501
12	0.0521	0.0521	0.0629	0.0650	0.0630	0.0550	0.0496	0.0484	0.0504	0.0526	0.0551	0.0497
13	0.0548	0.0524	0.0627	0.0623	0.0628	0.0544	0.0485	0.0484	0.0491	0.0511	0.0552	0.0499

14	0.0535	0.0559	0.0616	0.0624	0.0604	0.0521	0.0479	0.0469	0.0472	0.0480	0.0541	0.0506
15	0.0514	0.0541	0.0593	0.0579	0.0558	0.0499	0.0456	0.0447	0.0443	0.0444	0.0496	0.0475
16	0.0464	0.0488	0.0580	0.0531	0.0524	0.0459	0.0437	0.0438	0.0433	0.0432	0.0441	0.0437
17	0.0433	0.0431	0.0456	0.0452	0.0455	0.0438	0.0435	0.0439	0.0438	0.0440	0.0436	0.0437
18	0.0437	0.0436	0.0437	0.0436	0.0434	0.0434	0.0439	0.0447	0.0451	0.0445	0.0439	0.0438
19	0.0437	0.0437	0.0441	0.0441	0.0440	0.0447	0.0450	0.0453	0.0452	0.0445	0.0438	0.0438
20	0.0437	0.0436	0.0440	0.0441	0.0442	0.0448	0.0450	0.0453	0.0451	0.0444	0.0438	0.0438
21	0.0437	0.0436	0.0438	0.0438	0.0441	0.0448	0.0449	0.0451	0.0449	0.0443	0.0438	0.0438
22	0.0437	0.0435	0.0438	0.0438	0.0438	0.0443	0.0446	0.0448	0.0443	0.0440	0.0438	0.0438
23	0.0436	0.0435	0.0434	0.0436	0.0436	0.0438	0.0440	0.0444	0.0440	0.0438	0.0436	0.0437
24	0.0434	0.0433	0.0433	0.0433	0.0435	0.0435	0.0437	0.0440	0.0437	0.0434	0.0433	0.0434