



**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA**

FILED

03/15/23

04:59 PM

A1201008

Application of San Diego Gas & Electric Company (U902E) for Authority to Implement Optional Pilot Program to Increase Customer Access to Solar Generated Electricity.	A.12-01-008
In the Matter of the Application of Pacific Gas and Electric Company (U39E) to Establish a Green Option Tariff.	A.12-04-020
In the Matter of the Application of Southern California Edison Company (U338E) for Approval of Optional Green Rate.	A.14-01-007

**SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) ANNUAL GREEN
TARIFF SHARED RENEWABLES PROGRAM PROGRESS REPORT**

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Dated: **March 15, 2023**

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Pursuant to Ordering Paragraph (“OP”) 10 of California Public Utilities Commission (“Commission”) Decision (“D.”) 15-01-051 (the “Decision”), Southern California Edison Company (“SCE”) respectfully submits its Annual Green Tariff Shared Renewables (“GTSR”) Progress Report (“Annual Report”) for activities occurring in 2022.

OP 10 of the Decision directs SCE to file several reports discussed in Section 8 of the Decision. One of these reports is the Annual Report, which is due on March 15, following the reporting year, covering the required information for the previous calendar year. The ending date has since been removed by Senate Bill (SB) 840, passed in September 2016, which extended the operation of the program indefinitely. Resolution E-5028 made minor changes to the components of this GTSR Annual Program Progress Report, including removing the annual marketing report and adding it to the Marketing Implementation Advice Letter (“MIAL”), as well as attaching the

Annual GTSR 20-Year Forecast (see Attachments 1 and 2). This Annual Report for the 2022 calendar year covers the following topics:¹

- A. Enrollment Reporting, including “available capacity” data at the most detailed level feasible, updated monthly, and work to increase the information’s precision over time.
- B. One-page summary tracking the amount and cost of generation transferred between the Renewables Portfolio Standard (“RPS”) and the GTSR Program.
- C. GTSR Revenue and Cost Reporting summary.
- D. Summary of advisory group or advising network activities, including information regarding frequency of meetings, topics discussed, and any other relevant information.
- E. Community Choice Aggregation (“CCA”) Code of Conduct report, including, if applicable, a summary of any marketing or lobbying efforts that are, or could reasonably be interpreted to be, subject to the CCA Code of Conduct.
- F. Supplier Diversity.
- G. Summary of California Alternate Rates for Energy (“CARE”) enrollment figures including location; location of CARE customers in relation to areas eligible for Environmental Justice (EJ) Projects and in relation to planned or existing EJ Projects.
- H. Reports of fraud or misleading advertisements received through meetings with an advisory group or advising network.
- I. Summary of enrollment figures for low-income customers and subscribers who speak a language other than English at home if customer profile information is available.

¹ D.15-01-051 at pp. 141-142.

I.
REPORT COMPONENTS

A. Enrollment Reporting

From January 1, 2022, to December 31, 2022, SCE enrolled 997 customers in the Green Rate (GR) program, of which 109 were residential and 888 non-residential. In 2022, SCE lost 381 customers due to de-enrollments and closed accounts. At the end of 2022, SCE had 3,067 active GR accounts representing an overall program retention rate of 64 percent.

Table A.1
GR Enrollment by Subscription Levels
2022

Customer Type	50% Subscription	100% Subscription	Total Customers Enrolled
Residential	14	95	109
Non-Residential	2	886	888
Total	16	981	997

SCE has no enrollments in the Community Renewables (CR) Program.

In D.15-01-051, the Commission set a target capacity for SCE’s GTSR Program of 269 MW, inclusive of 45 MW reserved for Environmental Justice (“EJ”) facilities. SCE’s GR program demand is currently met through three facilities, RE Gaskell West 1 LLC located in Rosamond, CA, Antelope DSR 3, LLC project located in Lancaster, CA, and Windhub Solar A, located in Mojave, CA. All three are 20 megawatt (MW) solar capacity facilities dedicated to the GR program. As SCE stated in its amended 3rd Quarter GTSR Progress Report on December 15, 2022, the Antelope DSR 3, LLC project located in Lancaster, CA went offline in late July 2022 due to a transformer failure. Based on communications with the contract counterparty, SCE currently expects the equipment to be repaired and the project back in service by April 7, 2023.

Capacity Remaining as displayed in Table A.2 is defined as available capacity, calculated as Target Capacity less GR Procured from GR Launch (February 25, 2016) through December 31, 2022, less CR Procured from Enhanced Community Renewables (ECR) Launch through

December 31, 2022. SCE procured a total of 35 MW of capacity through three CR projects. On July 9, 2019, the Commission approved SCE's Advice Letter (AL) 3878-E seeking approval of a 3MW contract with Phelan Solar, LLC (formerly known as JATON LLC), executed as part of the CR-RAM 3 solicitation. The project has not reached its online status as of the date of this report. Due to construction and equipment delays, it is scheduled to come online May 1, 2023.

On April 29, 2019, the Commission approved SCE's AL 3976-E seeking approval of a 3 MW contract with 5149 Lancaster Energy LLC, executed as part of SCE's CR-RAM 4 solicitation. The 5149 Lancaster Solar 1 project did not meet the Commercial Operation Date of May 1, 2022, therefore, SCE executed a Termination and Release Agreement on June 13, 2022.

As a result of CR-RAM 7, SCE received offers for two solar photovoltaic projects (20MWs and 12MWs) located in Inyokern, CA. SCE submitted Tier 2 AL 4814-E on June 10, 2022, seeking approval of these two contracts executed on June 3, 2022. AL 4814-E was approved with an effective date of July 10, 2022. The projects are scheduled to come online July 1, 2024 and December 1, 2024, respectively.

On September 30, 2022, SCE launched the Green Tariff Shared Renewables "request for offers" (RFO). Because of increased customer interest in the SCE's GR program in 2022, SCE solicited Green Rate projects in the 2022 GTSR RFO in addition to ECR projects, formerly known as CR-RAM. The solicitation was to support the Green Tariff option, known as SCE's GR program, and it issued the eighth RFO for Enhanced Community Renewables. Combined, SCE was attempting to acquire 129 MWs with an additional 45 MWs of energy from Generating Facilities located in Environmental Justice (EJ) communities, as defined by the California EPA in its most recent version of the [CalEnviroScreen](#) tool, through the GTSR program. SCE received offers; however, no selections were made for GT. On January 27, SCE sent out selection notices for two (3MW each) ECR projects. SCE plans to file an AL on April 18 if Power Purchase Agreements (PPAs) are executed.

Table A.2
GTSR Procurement
(MW)

Category	Target Capacity	GR Procured from GR Launch through December 31, 2022	CR Procured from ECR Launch through December 31, 2022	GR Online through December 31, 2022	CR Online through December 31, 2022	Capacity Remaining as of December 31, 2022
Unrestricted	224	60	35	60	—	129
Reserved for EJ	45	—	—	—	—	45
Total	269	60	35	60	—	174

Customer enrollment data for the GTSR Program for 2022 is presented in Tables A.3 and A.4. They provide estimated subscribed capacity for the GR and CR programs.

Table A.3
2022 GTSR Customer Enrollment by Month
(MW)

Month	GR Enrolled Capacity			CR Enrolled Capacity			Cumulative Total GTSR Enrolled by Month
	Residential Customers	Non-Residential Customers	Total GR by Month	Residential Customers	Non-Residential Customers	Total CR by Month	
January	2.26	25.88	28.14	0	0	0	28.14
February	2.11	25.86	27.97	0	0	0	27.97
March	1.94	26.00	27.94	0	0	0	27.94
April	1.86	27.80	29.66	0	0	0	29.66
May	1.91	58.17	60.07	0	0	0	60.07
June	2.52	56.33	58.85	0	0	0	58.85
July	2.85	51.79	54.65	0	0	0	54.65
August	3.35	57.61	60.96	0	0	0	60.96
September	3.32	50.96	54.29	0	0	0	54.29
October	2.03	50.92	52.95	0	0	0	52.95
November	2.06	44.34	46.40	0	0	0	46.40
December	2.21	41.12	43.33	0	0	0	43.33
2022	Total GR Residential: 2.37	Total GR Non-Residential: 43.19	Total GR: 45.56	Total CR Residential: 0	Total CR Non-Residential: 0	Total CR: 0	45.56

Table A.4
2022 Annual Cumulative GTSR Customer Enrollment
(MW)

Category	GR Enrolled Capacity	CR Enrolled Capacity	Total by Customer Type
Residential Customers	2.37	0	2.37
Non-Residential Customers	43.19	0	43.19
Total	45.56	0	45.56

The estimated capacity is shown above in Tables A.3 and A.4 and depicts capacity from January 1, 2022 through December 31, 2022. As of December 31, 2022, customers enrolled in the GR program accounted for approximately 45.56 MW of capacity. There was no enrollment capacity for the CR program because there are no CR projects online. Based on the total billed amount of 125,814,873 kWh under contract with the three dedicated facilities at year-end, the average effective capacity was sufficient to serve customers on the Green Rate for program year 2022.

Subscribed capacity for 2022 was calculated using the MWh delivered on behalf of the customers and a capacity factor (31.29%) in its equation. $MW = MWh / (\text{Capacity Factor} \times \text{hours})$. The capacity factor is calculated from the capacity and an average of the 2021 annual production of the three dedicated resources currently serving the GR program. In summary, an equivalent amount of renewable generation (i.e., subscribed capacity) is calculated by the sum of customer-purchased renewable energy in conjunction with the capacity factor.

Table A.5 is an Annual GTSR-GT summary of Customer Enrollment since inception.

Table A.5
GTSR- GT Annual Cumulative Customer Enrollment
2016 - 2022 (MW)

Category	Residential Customers	Non-Residential Customers	Total
2016 Enrolled MWs	0.3	0.19	0.49
2017 Enrolled MWs	1.07	0.33	1.4
2018 Enrolled MWs	1.62	0.55	2.17
2019 Enrolled MWs	1.95	0.51	2.46
2020 Enrolled MWs	3.67	1.11	4.78
2021 Enrolled MWs	2.82	12.64	15.46
2022 Enrolled MWs	2.37	43.19	45.56

B. The Amount and Cost of Generation Transferred Between the RPS and GTSR Program

The GTSR Program launched effective February 25, 2016. Since the launch, SCE has transferred by retiring 5,562 megawatt-hours (“MWh”) in the Western Renewable Energy Generation Information System (“WREGIS”) from the RPS Program to the GT account of the GTSR Program, at prices of \$91.34/MWh and \$83.51/MWh for 2016 and 2017, respectively. All the generation transferred was through one contract, RE Garland A, LLC.

In 2018, the contract dedicated for the GTSR Program, RE Gaskell West 1 LLC, started delivering in February. SCE retired 5,694 MWh of RECs to the GTSR Program and transferred the remaining 47,347 MWh of RECs from the GT account to the RPS Program at the price of \$75.20/MWh.

In 2019, two additional contracts dedicated for the GTSR Program started delivering. Antelope DSR 3, LLC started delivering in September, while Windhub Solar A, LLC started delivering in December.

SCE retired 6,435 MWh of RECs in WREGIS from RE Gaskell West 1 LLC to the GTSR Program for 2019, and the remaining 45,958 MWh of RECs were transferred from the GT account to the RPS Program at the price of \$66.42/MWh. SCE did not retire any RECs from

Antelope DSR 3, LLC or Windhub Solar A, LLC to the GTSR Program. All 14,421 RECs from Antelope DSR 3, LLC and 400 RECs from Windhub Solar A, LLC were transferred from the GT account to the RPS Program at the price of \$66.42/MWh.

SCE retired 12,815 MWh of RECs in WREGIS from RE Gaskell West 1 LLC to the GTSR Program for 2020. SCE did not retire any RECs from Antelope DSR 3, LLC or Windhub Solar A, LLC to the GTSR Program. The remaining 40,827 MWh of RECs from RE Gaskell West 1 LLC, all 56,817 MWh of RECs from Antelope DSR 3, LLC, and all 49,387 MWh of RECs from Windhub Solar A, LLC were transferred from the GT account to the RPS Program at the price of \$53.99/MWh.

Green Rate customers' usage in 2021 was supported by the GTSR dedicated facility, RE Gaskell West 1 LLC. SCE retired 36,336 MWh of RECs in WREGIS in 2022 for 2021. The remaining 19,584 MWh of RECs from RE Gaskell West 1 LLC, all 58,715 MWh of RECs from Antelope DSR 3, LLC, and all 49,853 MWh of RECs from Windhub Solar A, LLC will be retired and transferred from the GT account to the RPS Program at the price of \$54.57/MWh. SCE will report the retired RECs to the GTSR program and transfer RECs from the GT account to the RPS program for 2022 in its GTSR Annual Generation Transfer Report, which will be attached to the GTSR 3rd Quarter Progress Report and submitted to the CPUC by October 31, 2023.

Costs associated with this generation transferred for 2016 – 2021 were calculated by multiplying the transferred renewable generation by the cost per MWh of generation as depicted in Table B.1.

Table B.1
Generation Transferred Between the RPS and GTSR Program

Year	Transfer Amount (MWh)	Price	From	To	Subscription Amount (MWh)	Generation Transferred Cost	Subscription Facility
2016	1,459	\$91.34	RPS	GT	1,459	\$133,265	RE Garland A
2017	4,103	\$83.51	RPS	GT	4,103	\$342,642	RE Garland A
2018	47,347	\$75.20	GT	RPS	5,694	\$3,560,494	RE Gaskell West 1
2019	60,779	\$66.42	GT	RPS	6,435	\$4,036,941	RE Gaskell West 1
2020	147,031	\$53.99	GT	RPS	12,815	\$7,938,204	RE Gaskell West 1
2021	128,152*	\$54.57	GT	RPS	36,336	\$6,993,254	RE Gaskell West 1
* To be retired and transferred.							

C. GTSR Revenue and Cost Reporting

In 2022, SCE recorded approximately \$9,193,396 in billed revenues, net of franchise fees and uncollectibles (“FF&U”)² from customers served under the GTSR-GR tariff option. SCE recorded \$10,011,595 in interim pool resources expenses to procure power for the Green Rate program. Both the billed revenues and expenses were recorded to SCE’s Green Tariff Shared Renewables Balancing Account (“GTSRBA”).

Table C.1 below summarizes the revenues and expenses recorded in the GTSRBA for 2022.

² These revenues were recorded in Renewable Power Rate (“RPR”) subaccount in the Green Tariff Shared Renewables Balancing Account (“GTSRBA”), pursuant to Preliminary Statement Part GG, section 3.a. Administrative and marketing revenues and costs are recorded in stand-alone memorandum accounts.

Table C.1
GTSR Balancing Account
January - December 2022

Line No.	Description	\$000
1	Beginning Balance	119
2	Authorized Revenue	
3	Renewable Power Rate Sub Account	(9,193)
	Franchise Fees	\$86,092
	Uncollectibles	\$16,733
4	Total Authorized Revenue	(9,193)
5	Recorded Expenses	
6	Renewable Power Rate Expenses	10,012
7	Total Recorded Expenses	10,012
8	(Over)/Under Collection (Line 4 + Line 7)	818
9	Interest	14
10	GTSRBA Ending Balance (Line 1 + Line 8 + Line 9)	951

Cost Reporting:

To date, SCE has incurred \$950,956 in expenses to develop, implement, and market the GTSR program, of which \$56,918.98 was incurred in 2022, as noted in Table C.2 below. The GTSR program expenses can be broken down into three major categories: Green Rate operations and maintenance; Community Renewables operations and maintenance; and administrative costs, including information technology, billing system and customer call center operation costs and Green-e certification. All expenses associated with the GTSR programs were recorded into memorandum accounts, per D.15-01-051, to ensure non-participants do not bear the costs of these programs. Table C.2 shows the recorded expenses, billed revenue, and interest from SCE's Green Tariff (GRME&OMA, GTSRACMA) and Enhanced Community Renewables (ECRME&OMA) memorandum accounts.

Table C.2
GTSR Memorandum Accounts
February 2015 – December 2022

	Total
Beginning Balance	\$905,538
Billed Revenue	(\$214,026)
Expenses	\$56,919
Under/(Over) Collection	(\$157,107)
Interest	\$13,890
Ending Balance	\$762,321

D. Advising Network Activities

SCE’s participation in Advising Network Activities in 2022 was kept at a minimum partially due to COVID -19 pandemic restrictions with in-person meetings and the March 1 change in GTSR Class Average Generation Rates. Because the new rates were favorable to most rate classes, it soon became apparent that the volume of interest for both the 50% and 100% GR program had exceeded the amount of capacity available from approved Green Rate resources. To prevent oversubscribing the capacity we had available to customers for the remainder of the year, SCE had to curtail enrollments on June 2. Consequently, SCE did not want to promote Green Rate to communities and not be able to enroll new interested customers.

SCE performed low-key grassroots efforts by working with an established network of 1600 community-based partners to promote SCE programs. Activities included quarterly e-newsletters focusing on clean energy initiatives and one e-newsletter featured both Green Rate and Community Renewables programs. SCE met with local government partners on a regular basis to discuss the GR program, its cap, rates, and enrollment status. SCE included the CR program information in one e-newsletter which featured the Sheep Creek Community Solar Farm project was open for subscriptions.

SCE's Key Account Advisors serve as the primary point of contact and manage relationships with our business customers and small business advisory groups. Key Account Advisors notified our business customers that the Green Tariff GS-1 rate was a small credit, similar as in 2021, as well as many of the other rate classes, and informed them of potential savings. Mid-year conversations were framed around the GR cap and enrollment status.

In August 2022, SCE exhibited at RE+, the largest energy event in North America. SCE promoted our customer generation programs and had GTSR program fact sheets, a QR Code sheet which directed customers to the program website page, and enrollment paper applications were readily available.

E. CCA Code of Conduct

SCE did not conduct any marketing efforts that could be reasonably interpreted to violate the CCA Code of Conduct by unfairly targeting CCA customers for enrollment into SCE's GTSR Program. SCE's marketing efforts were not targeted to customers in a CCA territory, nor did outreach materials developed include any mention of CCAs or CCA green tariff programs. The outreach activities were broad and expanded across the service territory.

F. SCE Supplier Diversity

SCE's collective success begins with a firm commitment to inclusion and diversity, helping and inspiring our customer, employee, and supplier communities to grow and prosper. We also recognize the contributions of our business and community-based organization partners. These groups play a critical role in helping SCE source qualified suppliers and deliver programs designed to grow the capabilities of small and diverse firms.

While there were no GTSR partners who counted towards SCE's supplier diversity goals, throughout 2022, our partnerships with our internal and external stakeholders have been critical

to our supplier diversity success. They’ve been instrumental in helping SCE build a strong pool of diverse suppliers and identify firms in areas where we have the greatest need. In 2022, we continued to build on our strong foundation of supplier diversity excellence. During the year, we spent \$2.42 billion, or 35.42%, with diverse firms; contracted with more than 630 diverse suppliers; and offered technical assistance to 631 diverse suppliers through our business education workshops.

G. CARE Enrollment

At the end of December 31, 2022, SCE had 156 active CARE customers enrolled in GR. Fourteen of those customers enrolled in GR in 2022, bringing SCE’s cumulative CARE enrollment number to 209 customers. Table G.1 below provides the locations of the 2022 CARE customers.

**Table G.1
Locations of New Enrolled CARE Customers
2022**

Calimesa	Compton	Diamond Bar	Irvine	Long Beach
Lynwood	Rowland Heights	San Gabriel	Santa Clarita	Whittier

SB 43 requires that 100 MW of the GTSR Program be reserved for no larger than 1 MW facilities and are in “the most impacted and disadvantaged communities” as identified by CalEPA.³ This mandate is referred to as the Environmental Justice (“EJ”) Reservation, and to the facilities as the EJ Projects. EJ Projects must be in the 20 percent most impacted communities based on the results from the methodology in the CalEnviroScreen (“CES”) 4.0, the Office of Environmental Health Hazard Assessment’s environmental health screening tool using

³ SB 43 §1, codified in Cal. Pub. Util. Code § 2833(d)(1)(A).

census tract information.⁴

Three of the CARE customers enrolled in 2022 have this indication as they are in the 20 percent most impacted communities eligible for EJ Projects and in relation to planned or existing EJ Projects; however, SCE does not have any projects in these communities. For those three CARE customers, Table G.2 illustrates each CARE customer's potential location percentile range in the EJ locations.

Table G.2
CARE Customer Locations Percentile Range in EJ Locations

City	CES 4.0 Percentile Range
Long Beach	85-90%
Compton	95-100%
Lynwood	95-100%

Communities that show an 80 percent or greater CES 4.0 Percentile Range are 20 percent of the most impacted communities eligible for EJ projects. However, not all cities are necessarily entirely impacted in the top 20 percent. The determination is made at the census tract level, which SCE does not maintain. At this time, SCE only knows that these customers may potentially be within the top 20 percent of an impacted community.

H. Reports of Fraud or Misleading Advertisement

There were no reports of fraud or misleading advertisements related to the GTSR program in 2022. As stated on SCE's Community Renewables website: sce.com/commrenew, customers wanting to report concerns about developer misconduct can contact SCE by emailing Commrenewables@sce.com.

⁴ The data is accessible at <https://oehha.ca.gov/media/downloads/calenviroscreen/document/ces4results.xlsx>.

I. Enrollment Figures for Low-Income Customers and Subscribers Who Speak a Language Other Than English at Home

The CARE and the Family Electric Rate Assistance (“FERA”) programs are collectively referred to as Income Qualified Programs (“IQPs”). Monies collected through the “Public Goods Charge” provide the surcharge for these programs.

Customers enrolled in the IQPs receive the following discounts on electrical rates:

- CARE provides approximately a 30 percent discount on domestic regular rates for qualifying customers.
- FERA allows qualifying households to receive an 18 percent discount on domestic regular rates for qualifying customers with three or more persons.

To be eligible to participate in the IQPs, customers must meet the qualifications and income guidelines established by the CPUC. The CPUC’s income guidelines require IQP customers to be under 200 percent of the Federal Poverty Level (“FPL”) for CARE and between 201 percent - 250 percent FPL for FERA, determined annually by the US Department of Health and Human Services standards.

SCE enrolled 14 low-income customers in 2022, representing one percent of all new enrollments for 2022. Fourteen customers were enrolled in CARE (described in Section H). No new customers enrolled in FERA.

Of those 14 low-income customers, based on the CARE/FERA language profile, one preferred Spanish over English.

In accordance with D.15-01-051, SCE executed outreach efforts with appropriate targeted tactics to offer the GTSR program to low-income customers. SCE’s Local Public Affairs (“LPA”) organization provides information to community organizations to increase income-qualified and minority community awareness about the Green Rate; however, it was limited as enrollment was paused in June. SCE included GR program information in the Community Resource Guide (CRG). The CRG is distributed at community events via the Mobile Education Unit, to EAF agencies, and provided in the Energy Education kits distributed at in-person

meetings with low-income customers. The CRG is printed in English, Spanish, Chinese, Korean, Vietnamese, Cambodian, and Tagalog. This helps non-English speaking customers understand the enrollment process and associated costs for participating in the program. SCE also posts a PDF only in the languages we have online, English, Spanish, Chinese, Korean, and Vietnamese.

II.

CONCLUSION

SCE respectfully files the foregoing 2022 GTSR Annual Report pursuant to OP 10 of D.15-01-051.

Respectfully submitted,

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March 15, 2023

Attachment 1

Update to 20-year Forecast of Green Tariffs Shared Renewables Bill Credits and Charges
CR 20-Year Forecast

	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031
	Charges								
Domestic [1]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	PCIA	1.94	2.21	2.28	2.17	2.07	1.97	1.93	1.94
Domestic [1]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
Domestic [1]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic [1]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
Domestic [1]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
Domestic [1]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Domestic [1]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Credits								
Domestic [1]	Class Average Generation Credit	(16.28)	(17.66)	(19.61)	(22.08)	(25.09)	(28.36)	(31.93)	(35.95)
Domestic [1]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
Domestic [1]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
Domestic [1]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Charges								
	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PCIA	1.38	1.58	1.63	1.55	1.48	1.41	1.38	1.38
	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Credits								
	Class Average Generation Credit	(15.60)	(16.82)	(18.54)	(20.67)	(23.20)	(25.92)	(28.87)	(32.16)
	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Charges								
	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PCIA	1.47	1.68	1.73	1.65	1.57	1.49	1.46	1.47
	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Credits								
	Class Average Generation Credit	(12.73)	(13.83)	(15.41)	(17.43)	(19.96)	(22.70)	(25.72)	(29.14)
	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Charges								
	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PCIA	1.45	1.66	1.70	1.63	1.55	1.47	1.44	1.45
	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec

GS-2 [4]	Credits								
GS-2 [4]	Class Average Generation Credit	(14.03)	(15.13)	(16.62)	(18.41)	(20.51)	(22.76)	(25.21)	(27.93)
GS-2 [4]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
GS-2 [4]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
GS-2 [4]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031
	Charges								
TOU-GS-3 [5]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	PCIA	1.41	1.61	1.66	1.58	1.50	1.43	1.40	1.41
TOU-GS-3 [5]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-GS-3 [5]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-GS-3 [5]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
TOU-GS-3 [5]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-GS-3 [5]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-GS-3 [5]	Credits								
TOU-GS-3 [5]	Class Average Generation Credit	(12.86)	(13.79)	(15.09)	(16.67)	(18.56)	(20.59)	(22.79)	(25.21)
TOU-GS-3 [5]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-GS-3 [5]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-GS-3 [5]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031
	Charges								
TOU-8-Sec [6]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	PCIA	1.37	1.57	1.61	1.54	1.47	1.40	1.36	1.37
TOU-8-Sec [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Sec [6]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sec [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
TOU-8-Sec [6]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-Sec [6]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sec [6]	Credits								
TOU-8-Sec [6]	Class Average Generation Credit	(11.81)	(12.56)	(13.64)	(15.00)	(16.59)	(18.29)	(20.10)	(22.09)
TOU-8-Sec [6]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sec [6]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sec [6]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031
	Charges								
TOU-8-Pri [6]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	PCIA	1.34	1.53	1.58	1.51	1.43	1.37	1.34	1.34
TOU-8-Pri [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Pri [6]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Pri [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09
TOU-8-Pri [6]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-Pri [6]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Pri [6]	Credits								
TOU-8-Pri [6]	Class Average Generation Credit	(11.34)	(12.09)	(13.18)	(14.55)	(16.18)	(17.92)	(19.79)	(21.84)
TOU-8-Pri [6]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Pri [6]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Pri [6]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031
	Charges								

TOU-8-Sub [6]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	PCIA	1.27	1.45	1.49	1.43	1.36	1.29	1.27
TOU-8-Sub [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00
TOU-8-Sub [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Sub [6]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sub [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09
TOU-8-Sub [6]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-Sub [6]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sub [6]	Credits							
TOU-8-Sub [6]	Class Average Generation Credit	(10.63)	(11.47)	(12.60)	(13.97)	(15.62)	(17.41)	(21.52)
TOU-8-Sub [6]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sub [6]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-Sub [6]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sec [7]	Rate Component	2024	2025	2026	2027	2028	2029	2030
TOU-8-S-Sec [7]	Charges							
TOU-8-Subby-Sec [7]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Subby-Sec [7]	PCIA	1.45	1.65	1.70	1.63	1.55	1.47	1.45
TOU-8-S-Sec [7]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00
TOU-8-S-Sec [7]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sec [7]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-S-Sec [7]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sec [7]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sec [7]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09
TOU-8-S-Sec [7]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-S-Sec [7]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sec [7]	Credits							
TOU-8-S-Sec [7]	Class Average Generation Credit	(12.72)	(13.62)	(14.96)	(16.70)	(18.86)	(21.18)	(23.73)
TOU-8-S-Sec [7]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sec [7]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sec [7]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Pri [7]	Rate Component	2024	2025	2026	2027	2028	2029	2030
TOU-8-S-Pri [7]	Charges							
TOU-8-Subby-Pri [7]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Subby-Pri [7]	PCIA	1.36	1.55	1.59	1.52	1.45	1.38	1.35
TOU-8-S-Pri [7]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00
TOU-8-S-Pri [7]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Pri [7]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-S-Pri [7]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Pri [7]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Pri [7]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09
TOU-8-S-Pri [7]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-S-Pri [7]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Pri [7]	Credits							
TOU-8-S-Pri [7]	Class Average Generation Credit	(12.05)	(12.96)	(14.24)	(15.83)	(17.75)	(19.80)	(22.52)
TOU-8-S-Pri [7]	TOD Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Pri [7]	Total Credits	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Pri [7]	CR Credit	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sub [7]	Rate Component	2024	2025	2026	2027	2028	2029	2030
TOU-8-S-Sub [7]	Charges							
TOU-8-Subby-Sub [7]	Renewable Power Rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Subby-Sub [7]	PCIA	1.27	1.45	1.49	1.42	1.35	1.29	1.27
TOU-8-S-Sub [7]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00
TOU-8-S-Sub [7]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sub [7]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-S-Sub [7]	RA Adjustment	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sub [7]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sub [7]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09
TOU-8-S-Sub [7]	ME&O Charge	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TOU-8-S-Sub [7]	Total Charges	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
TOU-8-S-Sub [7]	Credits							
TOU-8-S-Sub [7]	Class Average Generation Credit	(10.92)	(11.79)	(13.05)	(14.66)	(16.67)	(18.85)	(21.26)
TOU-8-S-Sub [7]								

[illegible]

[illegible]

(30.86)	(34.08)	(37.73)	(41.79)	(46.28)	(51.23)	(56.68)	(62.73)	(69.42)	(76.83)	(85.04)	(94.13)
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.45	1.48	1.51	1.55	1.58	1.61	1.65	1.69	1.73	1.76	1.80	1.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
(27.81)	(30.66)	(33.89)	(37.49)	(41.47)	(45.84)	(50.65)	(55.97)	(61.85)	(68.36)	(75.57)	(83.53)
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.41	1.44	1.47	1.51	1.54	1.57	1.61	1.65	1.68	1.72	1.76	1.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
(24.21)	(26.51)	(29.11)	(32.00)	(35.16)	(38.61)	(42.38)	(46.52)	(51.07)	(56.08)	(61.58)	(67.61)
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.38	1.41	1.44	1.47	1.51	1.54	1.58	1.61	1.65	1.68	1.72	1.76
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
(24.04)	(26.44)	(29.17)	(32.21)	(35.55)	(39.21)	(43.23)	(47.67)	(52.57)	(57.99)	(63.96)	(70.55)
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec	CRF Spec
2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043

[illegible]

Attachment 2

Update to 20-year Forecast of Green Tariffs Shared Renewables Bill Credits and Charges

GR 20-Year Forecast

	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
Domestic [1]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
Domestic [1]	PCIA	1.94	2.21	2.28	2.17	2.07	1.97	1.93	1.94	1.99	2.04
Domestic [1]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic [1]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
Domestic [1]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic [1]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
Domestic [1]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
Domestic [1]	Total Charges	8.61	8.94	9.07	9.03	9.01	8.98	9.01	9.09	9.23	9.35

	Credits										
Domestic [1]	Class Average Generation Credit	(16.28)	(17.66)	(19.61)	(22.08)	(25.09)	(28.36)	(31.93)	(35.95)	(40.39)	(45.31)
Domestic [1]	TOD Adjustment	1.65	1.69	1.73	1.77	1.81	1.85	1.89	1.93	1.97	2.02
Domestic [1]	Total Credits	(14.63)	(15.96)	(17.88)	(20.31)	(23.29)	(26.51)	(30.04)	(34.02)	(38.41)	(43.29)

Domestic [1]	Green Rate Premium	(6.02)	(7.03)	(8.81)	(11.28)	(14.28)	(17.53)	(21.04)	(24.94)	(29.19)	(33.94)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
GS-1 [2]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
GS-1 [2]	PCIA	1.38	1.58	1.63	1.55	1.48	1.41	1.38	1.38	1.42	1.45
GS-1 [2]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
GS-1 [2]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS-1 [2]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
GS-1 [2]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
GS-1 [2]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS-1 [2]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
GS-1 [2]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
GS-1 [2]	Total Charges	8.06	8.31	8.42	8.40	8.42	8.42	8.46	8.53	8.66	8.77

	Credits										
GS-1 [2]	Class Average Generation Credit	(15.60)	(16.82)	(18.54)	(20.67)	(23.20)	(25.92)	(28.87)	(32.16)	(35.75)	(39.70)
GS-1 [2]	TOD Adjustment	1.08	1.10	1.13	1.15	1.18	1.20	1.23	1.26	1.29	1.31
GS-1 [2]	Total Credits	(14.53)	(15.72)	(17.42)	(19.51)	(22.02)	(24.71)	(27.64)	(30.91)	(34.46)	(38.38)

GS-1 [2]	Green Rate Premium	(6.47)	(7.42)	(9.00)	(11.11)	(13.60)	(16.30)	(19.19)	(22.37)	(25.81)	(29.62)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TC-1 [3]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TC-1 [3]	PCIA	1.47	1.68	1.73	1.65	1.57	1.49	1.46	1.47	1.51	1.54
TC-1 [3]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TC-1 [3]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TC-1 [3]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TC-1 [3]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TC-1 [3]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TC-1 [3]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TC-1 [3]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TC-1 [3]	Total Charges	8.15	8.40	8.52	8.50	8.51	8.50	8.54	8.62	8.74	8.86

	Credits										
TC-1 [3]	Class Average Generation Credit	(12.73)	(13.83)	(15.41)	(17.43)	(19.96)	(22.70)	(25.72)	(29.14)	(32.92)	(37.14)
TC-1 [3]	TOD Adjustment	0.70	0.72	0.73	0.75	0.77	0.78	0.80	0.82	0.84	0.86
TC-1 [3]	Total Credits	(12.03)	(13.12)	(14.68)	(16.68)	(19.19)	(21.91)	(24.92)	(28.32)	(32.08)	(36.28)

TC-1 [3]	Green Rate Premium	(3.88)	(4.71)	(6.16)	(8.18)	(10.68)	(13.41)	(16.38)	(19.70)	(23.34)	(27.42)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
GS-2 [4]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
GS-2 [4]	PCIA	1.45	1.66	1.70	1.63	1.55	1.47	1.44	1.45	1.49	1.52
GS-2 [4]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
GS-2 [4]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS-2 [4]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
GS-2 [4]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53

GS-2 [4]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GS-2 [4]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.10	0.10
GS-2 [4]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.12
GS-2 [4]	Total Charges	8.13	8.38	8.50	8.48	8.49	8.48	8.52	8.60	8.72

GS-2 [4]	Credits									
GS-2 [4]	Class Average Generation Credit	(14.03)	(15.13)	(16.62)	(18.41)	(20.51)	(22.76)	(25.21)	(27.93)	(34.08)
GS-2 [4]	TOD Adjustment	0.97	0.99	1.01	1.04	1.06	1.08	1.11	1.13	1.18
GS-2 [4]	Total Credits	(13.06)	(14.14)	(15.61)	(17.38)	(19.45)	(21.68)	(24.11)	(26.80)	(32.90)

GS-2 [4]	Green Rate Premium	(4.93)	(5.76)	(7.11)	(8.90)	(10.96)	(13.20)	(15.58)	(18.20)	(20.98)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-GS-3 [5]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-GS-3 [5]	PCIA	1.41	1.61	1.66	1.58	1.50	1.43	1.40	1.41	1.45	1.48
TOU-GS-3 [5]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-GS-3 [5]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-GS-3 [5]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-GS-3 [5]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-GS-3 [5]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-GS-3 [5]	Total Charges	8.08	8.33	8.45	8.43	8.44	8.44	8.48	8.56	8.68	8.79

TOU-GS-3 [5]	Credits										
TOU-GS-3 [5]	Class Average Generation Credit	(12.86)	(13.79)	(15.09)	(16.67)	(18.56)	(20.59)	(22.79)	(25.21)	(27.81)	(30.66)
TOU-GS-3 [5]	TOD Adjustment	0.82	0.84	0.86	0.87	0.89	0.91	0.93	0.95	0.98	1.00
TOU-GS-3 [5]	Total Credits	(12.04)	(12.95)	(14.23)	(15.80)	(17.66)	(19.67)	(21.86)	(24.26)	(26.83)	(29.66)

TOU-GS-3 [5]	Green Rate Premium	(3.96)	(4.62)	(5.78)	(7.37)	(9.22)	(11.23)	(13.38)	(15.70)	(18.15)	(20.87)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-8-Sec [6]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-8-Sec [6]	PCIA	1.37	1.57	1.61	1.54	1.47	1.40	1.36	1.37	1.41	1.44
TOU-8-Sec [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Sec [6]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-8-Sec [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sec [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-8-Sec [6]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-8-Sec [6]	Total Charges	8.05	8.29	8.41	8.39	8.41	8.40	8.44	8.52	8.64	8.75

TOU-8-Sec [6]	Credits										
TOU-8-Sec [6]	Class Average Generation Credit	(11.81)	(12.56)	(13.64)	(15.00)	(16.59)	(18.29)	(20.10)	(22.09)	(24.21)	(26.51)
TOU-8-Sec [6]	TOD Adjustment	0.75	0.77	0.79	0.81	0.82	0.84	0.86	0.88	0.90	0.92
TOU-8-Sec [6]	Total Credits	(11.06)	(11.79)	(12.86)	(14.19)	(15.77)	(17.44)	(19.24)	(21.21)	(23.31)	(25.59)

TOU-8-Sec [6]	Green Rate Premium	(3.01)	(3.50)	(4.45)	(5.80)	(7.36)	(9.04)	(10.80)	(12.69)	(14.67)	(16.84)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-8-Pri [6]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-8-Pri [6]	PCIA	1.34	1.53	1.58	1.51	1.43	1.37	1.34	1.34	1.38	1.41
TOU-8-Pri [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Pri [6]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-8-Pri [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Pri [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-8-Pri [6]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-8-Pri [6]	Total Charges	8.02	8.26	8.37	8.36	8.38	8.37	8.42	8.49	8.62	8.72

TOU-8-Pri [6]	Credits										
TOU-8-Pri [6]	Class Average Generation Credit	(11.34)	(12.09)	(13.18)	(14.55)	(16.18)	(17.92)	(19.79)	(21.84)	(24.04)	(26.44)
TOU-8-Pri [6]	TOD Adjustment	0.73	0.74	0.76	0.78	0.79	0.81	0.83	0.85	0.87	0.89

TOU-8-Pri [6]	Total Credits	(10.62)	(11.35)	(12.42)	(13.77)	(15.39)	(17.10)	(18.96)	(20.99)	(23.18)	(25.55)
TOU-8-Pri [6]	Green Rate Premium	(2.59)	(3.09)	(4.05)	(5.41)	(7.01)	(8.73)	(10.54)	(12.50)	(14.56)	(16.83)
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-8-Sub [6]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-8-Sub [6]	PCIA	1.27	1.45	1.49	1.43	1.36	1.29	1.26	1.27	1.31	1.33
TOU-8-Sub [6]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-Sub [6]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-8-Sub [6]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-Sub [6]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-8-Sub [6]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-8-Sub [6]	Total Charges	7.95	8.18	8.28	8.28	8.30	8.30	8.34	8.42	8.54	8.65
	Credits										
TOU-8-Sub [6]	Class Average Generation Credit	(10.63)	(11.47)	(12.60)	(13.97)	(15.62)	(17.41)	(19.36)	(21.52)	(23.86)	(26.42)
TOU-8-Sub [6]	TOD Adjustment	0.65	0.67	0.68	0.70	0.72	0.73	0.75	0.76	0.78	0.80
TOU-8-Sub [6]	Total Credits	(9.98)	(10.80)	(11.91)	(13.27)	(14.91)	(16.68)	(18.61)	(20.75)	(23.08)	(25.62)
TOU-8-Sub [6]	Green Rate Premium	(2.03)	(2.63)	(3.63)	(4.99)	(6.61)	(8.38)	(10.27)	(12.33)	(14.53)	(16.97)
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-8-S-Sec [7]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-8-Standby-Sec [7]	PCIA	1.45	1.65	1.70	1.63	1.55	1.47	1.44	1.45	1.49	1.52
TOU-8-Standby-Sec [7]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sec [7]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sec [7]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-S-Sec [7]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-8-S-Sec [7]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Sec [7]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-8-S-Sec [7]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-8-S-Sec [7]	Total Charges	8.13	8.38	8.49	8.48	8.49	8.48	8.52	8.60	8.72	8.83
	Credits										
TOU-8-S-Sec [7]	Class Average Generation Credit	(12.72)	(13.62)	(14.96)	(16.70)	(18.86)	(21.18)	(23.73)	(26.54)	(29.60)	(32.95)
TOU-8-S-Sec [7]	TOD Adjustment	0.80	0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97
TOU-8-S-Sec [7]	Total Credits	(11.92)	(12.81)	(14.13)	(15.85)	(17.99)	(20.29)	(22.82)	(25.61)	(28.65)	(31.98)
TOU-8-S-Sec [7]	Green Rate Premium	(3.79)	(4.43)	(5.64)	(7.37)	(9.50)	(11.81)	(14.30)	(17.02)	(19.92)	(23.14)
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-8-S-Pri [7]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-8-Standby-Pri [7]	PCIA	1.36	1.55	1.59	1.52	1.45	1.38	1.35	1.35	1.39	1.42
TOU-8-Standby-Pri [7]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Pri [7]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Pri [7]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-8-S-Pri [7]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-8-S-Pri [7]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-8-S-Pri [7]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-8-S-Pri [7]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-8-S-Pri [7]	Total Charges	8.03	8.27	8.38	8.37	8.39	8.39	8.43	8.51	8.63	8.74
	Credits										
TOU-8-S-Pri [7]	Class Average Generation Credit	(12.05)	(12.96)	(14.24)	(15.83)	(17.75)	(19.80)	(22.04)	(24.52)	(27.22)	(30.17)
TOU-8-S-Pri [7]	TOD Adjustment	0.82	0.84	0.86	0.88	0.90	0.92	0.94	0.96	0.98	1.01
TOU-8-S-Pri [7]	Total Credits	(11.23)	(12.12)	(13.38)	(14.94)	(16.84)	(18.88)	(21.10)	(23.56)	(26.24)	(29.17)
TOU-8-S-Pri [7]	Green Rate Premium	(3.20)	(3.85)	(4.99)	(6.57)	(8.46)	(10.50)	(12.67)	(15.06)	(17.61)	(20.43)
	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033

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TOU-PA-2 [10]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-PA-2 [10]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-PA-2 [10]	Total Charges	8.10	8.35	8.46	8.45	8.46	8.45	8.49	8.57	8.70	8.81

TOU-PA-2 [10]	Credits										
TOU-PA-2 [10]	Class Average Generation Credit	(13.56)	(14.65)	(16.25)	(18.26)	(20.66)	(23.25)	(26.09)	(29.28)	(32.77)	(36.64)
TOU-PA-2 [10]	TOD Adjustment	0.65	0.66	0.68	0.69	0.71	0.73	0.74	0.76	0.78	0.79
TOU-PA-2 [10]	Total Credits	(12.91)	(13.98)	(15.57)	(17.56)	(19.95)	(22.53)	(25.35)	(28.52)	(31.99)	(35.84)

TOU-PA-2 [10]	Green Rate Premium	(4.81)	(5.63)	(7.11)	(9.12)	(11.49)	(14.07)	(16.86)	(19.95)	(23.30)	(27.04)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
TOU-PA-3 [11]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
TOU-PA-3 [11]	PCIA	1.40	1.60	1.65	1.58	1.50	1.43	1.40	1.40	1.44	1.48
TOU-PA-3 [11]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
TOU-PA-3 [11]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-PA-3 [11]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TOU-PA-3 [11]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
TOU-PA-3 [11]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOU-PA-3 [11]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
TOU-PA-3 [11]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
TOU-PA-3 [11]	Total Charges	8.08	8.33	8.44	8.43	8.44	8.44	8.48	8.56	8.68	8.79

TOU-PA-3 [11]	Credits										
TOU-PA-3 [11]	Class Average Generation Credit	(11.28)	(12.33)	(13.73)	(15.47)	(17.57)	(19.87)	(22.40)	(25.25)	(28.41)	(31.92)
TOU-PA-3 [11]	TOD Adjustment	0.61	0.63	0.64	0.65	0.67	0.68	0.70	0.71	0.73	0.75
TOU-PA-3 [11]	Total Credits	(10.67)	(11.70)	(13.09)	(14.82)	(16.90)	(19.18)	(21.70)	(24.53)	(27.67)	(31.17)

TOU-PA-3 [11]	Green Rate Premium	(2.58)	(3.37)	(4.65)	(6.39)	(8.46)	(10.75)	(13.22)	(15.98)	(18.99)	(22.38)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
St. Lighting [12]	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
St. Lighting [12]	PCIA	1.77	2.02	2.08	1.99	1.89	1.80	1.76	1.77	1.82	1.86
St. Lighting [12]	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
St. Lighting [12]	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Lighting [12]	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
St. Lighting [12]	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
St. Lighting [12]	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
St. Lighting [12]	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
St. Lighting [12]	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
St. Lighting [12]	Total Charges	8.45	8.75	8.87	8.84	8.83	8.81	8.84	8.92	9.05	9.17

St. Lighting [12]	Credits										
St. Lighting [12]	Class Average Generation Credit	(8.66)	(9.36)	(10.39)	(11.74)	(13.44)	(15.30)	(17.34)	(19.64)	(22.17)	(24.99)
St. Lighting [12]	TOD Adjustment	0.77	0.79	0.80	0.82	0.84	0.86	0.88	0.90	0.92	0.94
St. Lighting [12]	Total Credits	(7.89)	(8.57)	(9.59)	(10.92)	(12.60)	(14.44)	(16.46)	(18.74)	(21.26)	(24.05)

St. Lighting [12]	Green Rate Premium	0.56	0.17	(0.71)	(2.08)	(3.77)	(5.63)	(7.62)	(9.82)	(12.20)	(14.88)
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	Rate Component	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	Charges										
System Avg (all classes)	Renewable Power Rate	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
System Avg (all classes)	PCIA	1.45	1.65	1.70	1.62	1.54	1.47	1.44	1.44	1.49	1.52
System Avg (all classes)	CTC	0.00	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
System Avg (all classes)	WREGIS Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
System Avg (all classes)	CAISO Grid Charge	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
System Avg (all classes)	RA Adjustment	0.93	0.98	1.04	1.10	1.18	1.24	1.31	1.38	1.46	1.53
System Avg (all classes)	RIC Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
System Avg (all classes)	Administrative Charge	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10	0.10
System Avg (all classes)	ME&O Charge	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12
System Avg (all classes)	Total Charges	8.12	8.38	8.49	8.47	8.49	8.48	8.52	8.60	8.72	8.83
	Credits										
System Avg (all classes)	Class Average Generation Credit	(12.64)	(13.67)	(15.09)	(16.88)	(19.04)	(21.39)	(23.96)	(26.83)	(29.97)	(33.44)
System Avg (all classes)	TOD Adjustment	0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.99
System Avg (all classes)	Total Credits	(11.83)	(12.84)	(14.24)	(16.01)	(18.16)	(20.48)	(23.04)	(25.89)	(29.01)	(32.45)
System Avg (all classes)	Green Rate Premium	(3.71)	(4.46)	(5.75)	(7.54)	(9.67)	(12.00)	(14.52)	(17.29)	(20.28)	(23.62)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
2.08	2.13	2.17	2.22	2.27	2.32	2.37	2.43	2.48	2.54
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
9.49	9.63	9.78	9.93	10.09	10.26	10.43	10.61	10.80	11.00

(51.00)	(57.45)	(64.69)	(72.80)	(81.88)	(92.12)	(103.65)	(116.63)	(131.25)	(147.69)
2.06	2.11	2.16	2.20	2.25	2.30	2.35	2.41	2.46	2.52
(48.93)	(55.34)	(62.53)	(70.59)	(79.63)	(89.81)	(101.29)	(114.22)	(128.79)	(145.18)

(39.45) (45.71) (52.76) (60.66) (69.54) (79.56) (90.86) (103.61) (117.98) (134.18)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.49	1.52	1.55	1.59	1.62	1.66	1.70	1.73	1.77	1.81
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.89	9.02	9.16	9.30	9.44	9.59	9.75	9.92	10.10	10.28

(44.21)	(49.26)	(54.88)	(61.10)	(68.00)	(75.69)	(84.26)	(93.81)	(104.45)	(116.29)
1.34	1.37	1.40	1.44	1.47	1.50	1.53	1.57	1.60	1.64
(42.86)	(47.89)	(53.48)	(59.67)	(66.54)	(74.19)	(82.73)	(92.24)	(102.85)	(114.65)

(33.97) (38.87) (44.32) (50.37) (57.10) (64.60) (72.98) (82.32) (92.75) (104.37)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.58	1.61	1.65	1.68	1.72	1.76	1.80	1.84	1.88	1.92
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.98	9.11	9.25	9.39	9.54	9.69	9.86	10.03	10.20	10.39

(42.04)	(47.65)	(53.98)	(61.11)	(69.14)	(78.24)	(88.55)	(100.24)	(113.47)	(128.45)
0.88	0.90	0.92	0.94	0.96	0.98	1.00	1.02	1.05	1.07
(41.17)	(46.75)	(53.06)	(60.17)	(68.18)	(77.26)	(87.55)	(99.22)	(112.42)	(127.38)

(32.18) (37.64) (43.81) (50.78) (58.64) (67.57) (77.70) (89.19) (102.22) (116.99)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.56	1.59	1.63	1.66	1.70	1.74	1.78	1.82	1.86	1.90
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.96	9.09	9.23	9.37	9.52	9.67	9.83	10.00	10.18	10.36

(37.73)	(41.79)	(46.28)	(51.23)	(56.68)	(62.73)	(69.42)	(76.83)	(85.04)	(94.13)
1.21	1.24	1.26	1.29	1.32	1.35	1.38	1.41	1.44	1.47
(36.52)	(40.56)	(45.02)	(49.94)	(55.36)	(61.38)	(68.04)	(75.42)	(83.60)	(92.66)

(27.56) (31.46) (35.79) (40.57) (45.85) (51.71) (58.21) (65.42) (73.42) (82.29)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.51	1.55	1.58	1.61	1.65	1.69	1.73	1.76	1.80	1.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.92	9.05	9.18	9.32	9.47	9.62	9.78	9.95	10.13	10.31

(33.89)	(37.49)	(41.47)	(45.84)	(50.65)	(55.97)	(61.85)	(68.36)	(75.57)	(83.53)
1.02	1.04	1.07	1.09	1.11	1.14	1.16	1.19	1.22	1.24
(32.87)	(36.45)	(40.40)	(44.75)	(49.53)	(54.83)	(60.69)	(67.17)	(74.35)	(82.28)

(23.95) (27.40) (31.22) (35.42) (40.07) (45.21) (50.91) (57.22) (64.22) (71.97)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.47	1.51	1.54	1.57	1.61	1.65	1.68	1.72	1.76	1.80
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.88	9.01	9.14	9.28	9.43	9.58	9.74	9.91	10.08	10.26

(29.11)	(32.00)	(35.16)	(38.61)	(42.38)	(46.52)	(51.07)	(56.08)	(61.58)	(67.61)
0.94	0.96	0.98	1.00	1.03	1.05	1.07	1.10	1.12	1.15
(28.17)	(31.04)	(34.18)	(37.60)	(41.35)	(45.47)	(50.00)	(54.98)	(60.45)	(66.47)

(19.29) (22.03) (25.03) (28.32) (31.92) (35.89) (40.26) (45.07) (50.37) (56.20)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.44	1.47	1.51	1.54	1.58	1.61	1.65	1.68	1.72	1.76
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.85	8.98	9.11	9.25	9.39	9.54	9.70	9.87	10.04	10.23

(29.17)	(32.21)	(35.55)	(39.21)	(43.23)	(47.67)	(52.57)	(57.99)	(63.96)	(70.55)
0.91	0.93	0.95	0.97	0.99	1.01	1.03	1.06	1.08	1.10

(28.26)	(31.28)	(34.60)	(38.24)	(42.24)	(46.66)	(51.54)	(56.93)	(62.88)	(69.44)
(19.41)	(22.30)	(25.49)	(28.99)	(32.85)	(37.12)	(41.84)	(47.06)	(52.84)	(59.22)
2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.36	1.39	1.43	1.46	1.49	1.52	1.56	1.59	1.63	1.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.77	8.90	9.03	9.17	9.31	9.46	9.61	9.78	9.95	10.13
(29.34)	(32.60)	(36.23)	(40.23)	(44.66)	(49.58)	(55.05)	(61.12)	(67.88)	(75.37)
0.82	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	1.00
(28.52)	(31.77)	(35.37)	(39.36)	(43.77)	(48.67)	(54.12)	(60.17)	(66.90)	(74.38)
(19.75)	(22.87)	(26.34)	(30.19)	(34.46)	(39.21)	(44.50)	(50.39)	(56.95)	(64.25)
2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.55	1.59	1.62	1.66	1.70	1.74	1.77	1.81	1.85	1.90
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.96	9.09	9.23	9.37	9.52	9.67	9.83	10.00	10.18	10.36
(36.82)	(41.20)	(46.09)	(51.52)	(57.55)	(64.29)	(71.83)	(80.28)	(89.72)	(100.27)
0.99	1.02	1.04	1.06	1.09	1.11	1.13	1.16	1.19	1.21
(35.83)	(40.19)	(45.05)	(50.45)	(56.46)	(63.18)	(70.70)	(79.12)	(88.53)	(99.06)
(26.87)	(31.10)	(35.82)	(41.09)	(46.95)	(53.51)	(60.87)	(69.12)	(78.35)	(88.69)
2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.45	1.49	1.52	1.55	1.59	1.62	1.66	1.70	1.73	1.77
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.86	8.99	9.12	9.26	9.41	9.56	9.72	9.88	10.06	10.24
(33.55)	(37.33)	(41.53)	(46.18)	(51.32)	(57.04)	(63.41)	(70.49)	(78.37)	(87.13)
1.03	1.05	1.08	1.10	1.12	1.15	1.17	1.20	1.23	1.25
(32.52)	(36.28)	(40.46)	(45.08)	(50.20)	(55.89)	(62.23)	(69.29)	(77.14)	(85.87)
(23.66)	(27.29)	(31.33)	(35.82)	(40.79)	(46.33)	(52.51)	(59.41)	(67.08)	(75.63)
2034	2035	2036	2037	2038	2039	2040	2041	2042	2043

5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.36	1.39	1.42	1.46	1.49	1.52	1.55	1.59	1.62	1.66	1.66
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14
8.77	8.90	9.03	9.16	9.31	9.45	9.61	9.78	9.95	10.13	10.13

(33.89)	(38.18)	(42.99)	(48.38)	(54.41)	(61.20)	(68.85)	(77.46)	(87.15)	(98.06)
0.84	0.86	0.88	0.89	0.91	0.94	0.96	0.98	1.00	1.02
(33.05)	(37.32)	(42.12)	(47.49)	(53.50)	(60.26)	(67.89)	(76.48)	(86.16)	(97.04)

(24.29) (28.43) (33.09) (38.32) (44.19) (50.81) (58.28) (66.71) (76.21) (86.91)

	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
	1.53	1.56	1.60	1.63	1.67	1.70	1.74	1.78	1.82	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
	8.93	9.06	9.20	9.34	9.49	9.64	9.80	9.97	10.14	10.33

(44.72)	(50.52)	(57.07)	(64.41)	(72.68)	(82.01)	(92.56)	(104.46)	(117.91)	(133.09)
0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.99
(43.91)	(49.69)	(56.22)	(63.55)	(71.80)	(81.11)	(91.63)	(103.52)	(116.94)	(132.10)

(34.98) (40.63) (47.02) (54.21) (62.31) (71.47) (81.83) (93.55) (106.80) (121.77)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.53	1.56	1.60	1.63	1.67	1.70	1.74	1.78	1.82	1.86
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.93	9.06	9.20	9.34	9.49	9.64	9.80	9.97	10.14	10.33

(48.20)	(54.77)	(62.23)	(70.67)	(80.22)	(91.07)	(103.39)	(117.39)	(133.29)	(151.35)
0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.99
(47.39)	(53.94)	(61.38)	(69.80)	(79.33)	(90.16)	(102.46)	(116.44)	(132.33)	(150.36)

(38.46)	(44.88)	(52.18)	(60.46)	(69.85)	(80.52)	(92.66)	(106.47)	(122.18)	(140.03)
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[illegible]

0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.93	9.06	9.20	9.34	9.49	9.64	9.80	9.97	10.14	10.33

(41.09)	(46.13)	(51.76)	(58.04)	(65.06)	(72.93)	(81.77)	(91.69)	(102.82)	(115.30)
0.81	0.83	0.85	0.87	0.89	0.91	0.93	0.95	0.97	0.99
(40.28)	(45.30)	(50.91)	(57.17)	(64.17)	(72.03)	(80.85)	(90.75)	(101.85)	(114.31)

(31.35) (36.24) (41.71) (47.83) (54.69) (62.39) (71.05) (80.78) (91.71) (103.98)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.51	1.54	1.58	1.61	1.65	1.69	1.72	1.76	1.80	1.84
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.92	9.05	9.18	9.32	9.47	9.62	9.78	9.95	10.12	10.31

(35.97)	(40.55)	(45.71)	(51.51)	(58.01)	(65.34)	(73.60)	(82.92)	(93.42)	(105.25)
0.76	0.78	0.80	0.82	0.83	0.85	0.87	0.89	0.91	0.93
(35.20)	(39.77)	(44.92)	(50.69)	(57.17)	(64.48)	(72.73)	(82.03)	(92.51)	(104.32)

(26.29) (30.73) (35.74) (41.37) (47.71) (54.87) (62.95) (72.08) (82.39) (94.01)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.90	1.94	1.99	2.03	2.08	2.12	2.17	2.22	2.27	2.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
9.31	9.45	9.59	9.74	9.89	10.06	10.23	10.40	10.59	10.78

(28.28)	(32.04)	(36.28)	(41.06)	(46.44)	(52.53)	(59.43)	(67.24)	(76.09)	(86.10)
0.96	0.98	1.00	1.02	1.05	1.07	1.09	1.12	1.14	1.17
(27.32)	(31.06)	(35.28)	(40.04)	(45.39)	(51.46)	(58.33)	(66.12)	(74.95)	(84.93)

(18.01) (21.61) (25.69) (30.30) (35.50) (41.40) (48.11) (55.72) (64.36) (74.15)

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52	5.52
1.55	1.59	1.62	1.66	1.70	1.73	1.77	1.81	1.85	1.89
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
1.62	1.71	1.81	1.91	2.01	2.12	2.24	2.36	2.49	2.63
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.12	0.12	0.12
0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.14
8.96	9.09	9.23	9.37	9.51	9.67	9.83	10.00	10.18	10.36
(37.44)	(41.95)	(46.99)	(52.62)	(58.89)	(65.93)	(73.83)	(82.69)	(92.62)	(103.76)
1.01	1.03	1.06	1.08	1.11	1.13	1.15	1.18	1.21	1.23
(36.43)	(40.91)	(45.94)	(51.54)	(57.79)	(64.80)	(72.67)	(81.51)	(91.42)	(102.53)
(27.47)	(31.82)	(36.71)	(42.17)	(48.28)	(55.13)	(62.84)	(71.51)	(81.24)	(92.17)