

PUBLIC UTILITIES COMMISSION  
505 Van Ness Avenue  
San Francisco CA 94102-3298



**Pacific Gas & Electric Company**  
**ELC (Corp ID 39)**  
**Status of Advice Letter 6526E**  
**As of June 13, 2022**

Subject: PG&E's Advice 6526-E (Green Tariff Shared Renewables Conforming Rate Calculations Pursuant to D.21-12-036, as Ordered in Decision 22-02-002)

Division Assigned: Energy

Date Filed: 03-14-2022

Date to Calendar: 03-16-2022

Authorizing Documents: D2202002

<b>Disposition:</b>	<b>Accepted</b>
<b>Effective Date:</b>	<b>06-13-2022</b>

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

[edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)

AL Certificate Contact Information:

Annie Ho

415-973-8794

[PGETariffs@pge.com](mailto:PGETariffs@pge.com)

**PUBLIC UTILITIES COMMISSION**  
505 Van Ness Avenue  
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to  
**[edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)**

March 14, 2022

**Advice 6526-E**

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

**Subject: Green Tariff Shared Renewables Conforming Rate Calculations Pursuant to D.21-12-036, as Ordered in Decision 22-02-002**

**Purpose**

Pacific Gas and Electric Company (PG&E) hereby submits this compliance advice letter pursuant to Ordering Paragraph (OP) 8 of Decision (D.) 22-02-002 approving PG&E's Green Tariff Shared Renewables (GTSR) revenue requirement and rates as part of the 2022 Energy Resource Recovery Account (ERRA) Forecast Application, (A.) 21-06-001.

**Background**

On February 10, 2022, the Commission approved PG&E's 2022 ERRA Forecast Application in D.22-02-002 (ERRA Forecast Decision). The ERRA Forecast Decision adopted the following items: (1) PG&E's 2022 forecast of electric sales; (2) 2022 forecasted energy procurement revenue requirements to be effective in rates on or after March 1, 2022; (3) greenhouse gas allowance revenue return forecast and costs; (4) rate design proposals associated with PG&E's proposed electric-procurement related revenue requirements, including its 2022 Green Tariff Shared Renewables (GTSR) Program rate proposal for its Solar Choice and Enhanced Community Renewables rate options; (5) a methodology to transfer certain year-end 2021 ERRA balances to the latest vintage of the Portfolio Allocation Balancing Account (PABA); and (6) transfer of public-policy related procurement costs from the nonvintage PABA sub-account to the Public Policy Charge Balancing Account (PPCBA), for recovery of such public policy related procurement from all customers through the Public Purpose Program Charge on a going-forward basis.<sup>1</sup>

OP 8 of D.22-02-002 states that "[PG&E] shall submit a Tier 2 Advice Letter within 30 days of this Decision revising and detailing its Green Tariff Shared Renewables rate calculations consistent with Decision (D.) 21-12-036 to include the Retained Resource Adequacy capacity as authorized in D.19-10-001. The Tier 2 Advice Letter shall include all workpapers, calculations, assumption to support its rate calculations."

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<sup>1</sup> D.22-02-002, OP 1, 2, 3, 5, 7, 9.

D.21-12-036 resolved three separately filed Petitions for Modification (Petitions) of Decision (D.) 15-01-051 and D.16-05-006 filed in 2021 in the consolidated Green Tariff proceeding (A.12-01-008, A.12-04-020, and A.14-01-007). Specifically, D.21-12-036 approved two of the three Petitions, which were: (1) PG&E's Emergency Petition to Modify (Emergency Petition) D.15-01-051 requesting reinstatement of an interim pool of existing Renewable Portfolio Standard (RPS) resources to support the GTSR Program subscription level on a temporary basis and (2) Joint Community Choice Aggregators (CCAs) Petition to Modify (Petition) requesting modernization the Resource Adequacy capacity calculation to align with the recent calculation methodology approved in D.19-10-001, issued in the Power Charge Indifference Adjustment (PCIA) Rulemaking (R.) 17-06-026. The updated calculation methodology recognizes a value for RA capacity based on the amount that is retained by the utility to support bundled customers compliance obligations.

### GTSR Rate Component Calculations

The GTSR rate results for the Solar Choice and Enhanced Community Renewables customers include several separately calculated components that are consolidated into three tariffed rates that support PG&E's Solar Choice customers (electric rate schedule Green Tariff (E-GT)) and the Enhanced Community Renewables customers (electric rate schedule E-ECR)). The separately calculated components are itemized in Table 1 below.

PG&E  
Table 1  
GTSR Rate Components

<u>GTSR Program Rate Components</u>	<u>Charges</u>	<u>Credits</u>
<u>SOLAR CHARGE (E-GT Only)</u>		
- Solar Choice Interim Pool Resources	✓	
- Solar Choice Dedicated Resources	✓	
<u>PROGRAM CHARGES (E-GT and E-ECR)</u>		
<u>Program Charge - Power Charge Indifference Adjustment (PCIA)</u>		
- Vintage PCIA	✓	
<u>Program Charge - Other</u>		
<b>Generation-related Program Charges</b>		
- Renewable Integration	✓	
- Resource Adequacy	✓	
- Grid Management Charges	✓	
- WREGIS Fees	✓	
<b>Solar Value Adjustments</b>		
- Time of Delivery	✓	
- Resource Adequacy from Dedicated Resources		✓
<b>Administration and Market Program Charge</b>		
- E-GT or E-ECR Marketing	✓	
- Administration Charge	✓	

The separately calculated GTSR rate components are consolidated under three tariffed rates: (1) Solar Charge (E-GT only), (2) Program Charge – PCIA, and (3) Program Charge

– Other. PG&E has highlighted the two components that were impacted by D.21-12-036's approval of PG&E's Emergency Petition and the Joint CCAs Petition.

As part of PG&E's 2022 ERRRA Forecast, PG&E submitted several December Update scenarios, as requested by the assigned Administrative Law Judge. PG&E's Fourth Supplemental Testimony, filed on December 14, 2021, reflected the incremental changes that were expected to be approved in what was then a proposed decision approving PG&E's Emergency Petition and the Joint CCAs Petition. Those incremental changes were affirmed in the final decision approving the Petitions, D.21-12-036.

Specifically, Appendix D of PG&E's Fourth Supplemental Testimony reflected the following incremental changes, which are relevant to the workpapers included as Attachment A to this advice letter. Those incremental changes were:

- a. Inclusion of Interim Pool Resources in the Solar Generation Rate to balance the supply with the demand up to the Forecast Subscription Level for 2021 and 2022;
- b. Update RA adder to reflect the value of RA retained for bundled customer compliance; and
- c. Update GTSR load forecast for the end-of-year 2021 based on November actuals and December 2021 Forecast and Forecast the expected 2022 load based on current level of demand.

The interim pool resources selected include 19 contracts in total, which are detailed PG&E's workpaper. Specifically, there are four tabs in the workpapers that reflect the contract selection for the interim resource pool: (1) 2021 interim resource pool, (2) 2022 interim resource pool, (3) 2023 GTSR interim and dedicated resource deliveries that could be available for use in 2022 if the need arises, and (4) DAC-GT interim pool resources that could become available in 2022 for use by the GTSR Program, if needed, as the DAC-GT program's dedicated resource come online.

The final Solar Charge is 7.06 cents per kWh, which reflects a weighted average price for dedicated GTSR resources supplemented by the interim pool resources, up to the forecast subscription level for Solar Choice customers.

The RA calculation considers the capacity volumes of PG&E's existing PCIA-eligible portfolio that will need to be retained to serve bundled customers' compliance obligations for system, local, and Flex RA. The value is determined by multiplying the RA positions by the relevant 2022 market price benchmarks and dividing that value by the approved bundled load forecast for 2022.

The updated RA Charge calculation results in a RA charge of 1.905 ¢/kWh, which is an increase of approximately 1.095 cents above the previous result of 0.810 ¢/kWh and in

line with expectations. The workpaper tab supporting the updated RA Charge calculation is labeled, "2022 RA Adder."

The final incremental change reflected in the workpapers for this advice letter are updates to the PCIA and generation rates that reflect the final values implemented as part of the Annual Electric True-up (AET) process, which were submitted in Advice Letter 6509-E and 6509-E-A respectively on February 18 and February 25, 2022.

Attachment A to this advice letter includes Public and Confidential Workpapers supporting the calculation described above, which is consistent with Appendix D of PG&E's Fourth Supplemental Testimony in the 2022 ERRRA Forecast but includes final updated PCIA and Generation rates implemented through the AET process for rates effective March 1, 2022.

### **Protests**

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than April 4, 2022 which is 21 days after the date of this submittal.<sup>2</sup> Protests must be submitted to:

CPUC Energy Division  
ED Tariff Unit  
E-mail: EDTariffUnit@cpuc.ca.gov

The protest shall also be electronically sent to PG&E via E-mail at the address shown below on the same date it is electronically delivered to the Commission:

Sidney Bob Dietz II  
Director, Regulatory Relations  
c/o Megan Lawson  
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name and e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

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<sup>2</sup> Pursuant to Rule 1.5 of General Order 96-B, PG&E requests to extend the protest period by one additional day because twenty days following submission of this advice letter is Sunday, April 3, 2022.

**Effective Date**

Pursuant to GO 96-B, Rule 5.1, this advice letter is submitted with a Tier 2 designation. PG&E requests that this advice letter become effective 30 days after the date of submittal, which is April 13, 2022.

**Notice**

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically to parties shown on the attached list and the parties on the service list for A.21-06-001. Address changes to the GO 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process\_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

\_\_\_\_\_  
/S/

Sidney Bob Dietz II  
Director, Regulatory Relations

**Attachments:**

Attachment A: Public and Confidential Workpapers

cc: Service List A.21-06-001



# ADVICE LETTER SUMMARY

## ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39 E)

Utility type:

- ELC       GAS       WATER  
 PLC       HEAT

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: AMHP@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric      GAS = Gas      WATER = Water  
 PLC = Pipeline      HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 6526-E

Tier Designation: 2

Subject of AL: Green Tariff Shared Renewables Conforming Rate Calculations Pursuant to D.21-12-036, as Ordered in Decision 22-02-002

Keywords (choose from CPUC listing): Compliance

AL Type:  Monthly  Quarterly  Annual  One-Time  Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.22-02-002

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL:

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested?  Yes  No

If yes, specification of confidential information: See Confidential Declaration & Matrix Attachment  
Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information: Donna Barry, DLBf@pge.com

Resolution required?  Yes  No

Requested effective date: 4/13/22

No. of tariff sheets: N/A

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: N/A

<sup>1</sup>Discuss in AL if more space is needed.

**Protests and correspondence regarding this AL are to be sent via email and are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:**

California Public Utilities Commission  
Energy Division Tariff Unit Email:  
[EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Contact Name: Sidnev Bob Dietz II. c/o Megan Lawson  
Title: Director, Regulatory Relations  
Utility/Entity Name: Pacific Gas and Electric Company  
  
Telephone (xxx) xxx-xxxx: (415)973-2093  
Facsimile (xxx) xxx-xxxx: (415)973-3582  
Email: PGETariffs@pge.com

Contact Name:  
Title:  
Utility/Entity Name:  
  
Telephone (xxx) xxx-xxxx:  
Facsimile (xxx) xxx-xxxx:  
Email:

CPUC  
Energy Division Tariff Unit  
505 Van Ness Avenue  
San Francisco, CA 94102

Clear Form

**PACIFIC GAS AND ELECTRIC COMPANY  
ADVICE LETTER 6526-E  
GREEN TARIFF SHARED RENEWABLES CONFORMING RATE CALCUALTIONS  
PURSUANT TO D.21-12-036, AS ORDERED IN D.22-02-002**

**DECLARATION OF DONNA L. BARRY  
SEEKING CONFIDENTIAL TREATMENT FOR CERTAIN DATA AND  
INFORMATION CONTAINED IN ATTACHMENT A SUPPORTING  
ADVICE LETTER 6526-E**

I, Donna Barry, declare:

1. I am a Principal Regulatory Analyst in the Electric Rates and Rate Architecture Department within the Regulatory Affairs organization at Pacific Gas and Electric Company (PG&E). In this position, my responsibilities include development of cost recovery proposals, analyses in support of testimony and various reports filed at the Commission. In carrying out these responsibilities, I have acquired knowledge of generation procurement purchased for PG&E's electric portfolio, utility-owned generation revenue requirements, and speciality program costs and rates, such as the Green Tariff Shared Renewables Program, which is the subject of Advice Letter 6526-E. This declaration is based on my personal knowledge of PG&E's practices and my understanding of the Commission's decisions protecting the confidentiality of market-sensitive information.
2. Based on my knowledge and experience, and in accordance with the Decisions 06-06-066, D.08-04-023, D.14-10-033, and relevant Commission rules, I make this declaration seeking confidential treatment for certain data and information contained in workpapers supporting Chapter 14 ("Green Tariff Shared Renewables") of the Prepared Testimony in support of PG&E's 2022 Energy Resource Recovery Account and Generation Non-Bypassable Charges Forecast and Greenhouse Gas Forecast Revenue Return and Reconciliation Application.
3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes confidential market sensitive data and information covered by D.06-06-066, D.08-04-023, D.14-10-033, and/or relevant Commission rules. The matrix also

specifies why confidential protection is justified. Further, the data and information: (1) is not already public; and (2) cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text that is pertinent to Attachment A in the attached matrix.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct. Executed on March 14, 2022 at Pleasant Hill, California.

/s/

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DONNA L. BARRY

**PACIFIC GAS AND ELECTRIC COMPANY (U 39 E)**

**ADVICE LETTER 6526-E  
GREEN TARIFF SHARED RENEWABLES CONFORMING RATE CALCULATIONS  
PURSUANT TO D.21-12-036, AS ORDERED IN DECISION 22-02-002**

**IDENTIFICATION OF CONFIDENTIAL INFORMATION**

<b>Redaction Reference</b>	<b>Category from D.06-06-066, Appendix 1, or Separate Confidentiality Order That Data Corresponds To</b>	<b>Justification for Confidential Treatment</b>	<b>Length of Time Data To Be Kept Confidential</b>
<b>Document: Attachment A</b>			
All the workpaper tabs starting with prefix "CONF_ "	Item VII.G (Bilateral Contract Terms and Conditions – Renewable Resource Contracts under RPS program)	These workpaper tabs reveal contract terms and conditions (i.e., detail pricing information) that are market sensitive information, which if publicly disclosed could put PG&E at a competitive disadvantage with regard to other market participants and could detrimentally impact PG&E customers. The data cannot be aggregated in a way that allows for partial disclosure.	Three Years

# **Attachment A**

## **Public Workpapers**

**Table 14-1**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTSR Program - 2022**  
**E-GT Option - Vintage 2021 and Vintage 2022**

	E-1 cents/kwh	A1 cents/kwh	A-6 cents/kwh	A-10 cents/kwh	E-19 cents/kwh	LS-3 cents/kwh	AG cents/kwh	E-20 T cents/kwh	E-20 P cents/kwh	E-20 S cents/kwh	BEV1 cents/kwh	BEV2 cents/kwh		
<b>Charges</b>														
<b>Solar Generation Price</b> <sup>[1]</sup>	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	7.060	<b>GTSRBA</b>
PCIA <sup>[2]</sup>	2.554	2.458	2.458	2.643	2.471	2.033	2.283	2.140	2.231	2.286	2.156	2.442		
Renewable Integration	-	-	-	-	-	-	-	-	-	-	-	-	-	
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	
Resource Adequacy <sup>[2]</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	
WREGIS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
<b>Sub Total</b>	<b>11.812</b>	<b>11.716</b>	<b>11.716</b>	<b>11.901</b>	<b>11.729</b>	<b>11.291</b>	<b>11.541</b>	<b>11.398</b>	<b>11.489</b>	<b>11.544</b>	<b>11.414</b>	<b>11.700</b>		
<b>Credits</b>														
<b>Class Average Generation Rate</b> <sup>[3]</sup>	15.086	14.520	14.520	15.596	14.591	12.005	13.483	12.642	13.177	13.501	14.520	14.591		
<u>Solar Value Adjustment</u>														
TOD <sup>[4]</sup>	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.533)	(2.996)	(3.123)	(3.200)	(4.501)	(4.275)		
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Subtotal</b>	<b>10.240</b>	<b>10.121</b>	<b>10.121</b>	<b>11.846</b>	<b>10.418</b>	<b>8.662</b>	<b>10.052</b>	<b>9.748</b>	<b>10.156</b>	<b>10.403</b>	<b>10.121</b>	<b>10.418</b>		
<b>2022 Premium (cents/kwh)</b>	<b>1.572</b>	<b>1.595</b>	<b>1.595</b>	<b>0.055</b>	<b>1.311</b>	<b>2.629</b>	<b>1.489</b>	<b>1.650</b>	<b>1.333</b>	<b>1.141</b>	<b>1.293</b>	<b>1.282</b>		

rf&u<sup>[5]</sup> = 0.010811

**PROGRAM CHARGE**

GT Illustrative Table (cent/kWh)	E-1	A1	A-6	A-10	E-19	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2	
RIC, RA, CA ISO, WREGIS	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	
SVA (TOD and RA Credit)	4.846	4.399	4.399	3.750	4.173	3.343	3.431	2.894	3.021	3.098	4.399	4.173	
Program Charges - Gen Related	6.830	6.383	6.383	5.734	6.157	5.327	5.415	4.878	5.005	5.082	6.383	6.157	<b>GTSRBA/ERRA</b>
Market and Admin.	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	<b>GTSRMA</b>
PCIA	2.554	2.458	2.458	2.643	2.471	2.033	2.283	2.140	2.231	2.286	2.156	2.442	<b>GTSRBA/ERRA</b>
<b>Total Program Charges</b>	<b>9.598</b>	<b>9.055</b>	<b>9.055</b>	<b>8.591</b>	<b>8.842</b>	<b>7.574</b>	<b>7.912</b>	<b>7.232</b>	<b>7.450</b>	<b>7.582</b>	<b>8.753</b>	<b>8.813</b>	
<b>Total Program Charges w/o PCIA</b>	<b>7.044</b>	<b>6.597</b>	<b>6.597</b>	<b>5.948</b>	<b>6.371</b>	<b>5.541</b>	<b>5.629</b>	<b>5.092</b>	<b>5.219</b>	<b>5.296</b>	<b>6.597</b>	<b>6.371</b>	
<b>Total Program Charges - rounded w/o PCIA</b>	<b>7.000</b>	<b>6.600</b>	<b>6.600</b>	<b>5.900</b>	<b>6.400</b>	<b>5.500</b>	<b>5.600</b>	<b>5.100</b>	<b>5.200</b>	<b>5.300</b>	<b>6.600</b>	<b>6.400</b>	

[1] Dedicated Resources Only

[2] The PCIA is based on the values included PG&E's 2022 ERRR Forecast. The RA value is calculated based on the portfolio NQC data included in PG&E's 2022 ERRR Forecast and reflects the total portfolio net of RA Sales, CAM, GTSR, and Tree Mortality Resources multiplied by Forecast RA MPB, divided by load.

[3] The class average generation rate reflects the generation rate included in PG&E's 2022 ERRR November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are set equal to the Small and Large Commercial customers generation rates, respectively.

**Table 14-2**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTSR Program - 2022**  
**E-ECR Option - Vintage 2021 and 2022**

	E-1 cents/kwh	A1 cents/kwh	A-6 cents/kwh	A-10 cents/kwh	E-19 cents/kwh	LS-3 cents/kwh	AG cents/kwh	E-20 T cents/kwh	E-20 P cents/kwh	E-20 S cents/kwh
<b>Charges</b>										
PCIA <sup>[1]</sup>	2.554	2.458	2.458	2.643	2.471	2.033	2.283	2.140	2.231	2.286
Renewable Integration	-	-	-	-	-	-	-	-	-	-
Marketing & Administration	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291
Resource Adequacy <sup>[1]</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
WREGIS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
<b>Subtotal</b>	<b>4.829</b>	<b>4.733</b>	<b>4.733</b>	<b>4.918</b>	<b>4.746</b>	<b>4.308</b>	<b>4.558</b>	<b>4.415</b>	<b>4.506</b>	<b>4.561</b>
<b>Credits</b>										
<b>Class Average Generation Rate</b> <sup>[2]</sup>	15.086	14.520	14.520	15.596	14.591	12.005	13.483	12.642	13.177	13.501
<u>Solar Value Adjustment</u>										
TOD <sup>[3]</sup>	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.533)	(2.996)	(3.123)	(3.200)
RA	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>10.138</b>	<b>10.019</b>	<b>10.019</b>	<b>11.744</b>	<b>10.316</b>	<b>8.560</b>	<b>9.950</b>	<b>9.646</b>	<b>10.054</b>	<b>10.301</b>
<b>2022 Premium (cents/kwh)</b>	<b>(5.309)</b>	<b>(5.286)</b>	<b>(5.286)</b>	<b>(6.826)</b>	<b>(5.570)</b>	<b>(4.252)</b>	<b>(5.392)</b>	<b>(5.231)</b>	<b>(5.548)</b>	<b>(5.740)</b>
rf&u <sup>[4]</sup> 0.010811										
<b>PROGRAM CHARGE</b>										
GT Illustrative Table (cent/kWh)	E-1	A1	A-6	A-10	E-19	LS-3	AG	E-20 T	E-20 P	E-20 S
RIC, RA, CA ISO, WREGIS	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984
SVA (TOD and RA Credit)	4.948	4.501	4.501	3.852	4.275	3.445	3.533	2.996	3.123	3.200
Program Charges - Gen Related	6.932	6.485	6.485	5.836	6.259	5.429	5.517	4.980	5.107	5.184
Market and Admin.	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291
PCIA	2.554	2.458	2.458	2.643	2.471	2.033	2.283	2.140	2.231	2.286
<b>Total Program Charges</b>	<b>9.777</b>	<b>9.234</b>	<b>9.234</b>	<b>8.770</b>	<b>9.021</b>	<b>7.753</b>	<b>8.091</b>	<b>7.411</b>	<b>7.629</b>	<b>7.761</b>
<b>Total Program Charges w/o PCIA</b>	<b>7.223</b>	<b>6.776</b>	<b>6.776</b>	<b>6.127</b>	<b>6.550</b>	<b>5.720</b>	<b>5.808</b>	<b>5.271</b>	<b>5.398</b>	<b>5.475</b>
<b>Total Program Charges - rounded w/o PCIA</b>	<b>7.200</b>	<b>6.800</b>	<b>6.800</b>	<b>6.100</b>	<b>6.600</b>	<b>5.700</b>	<b>5.800</b>	<b>5.300</b>	<b>5.400</b>	<b>5.500</b>

[1] The PCIA is based on the value included PG&E's 2022 ERRR November Update Forecast . The RA value is calculated based on the portfolio NQC data included in PG&E's 2022 ERRR Forecast portfolio net of RA Sales, CAM, GTSR, and Tree Mortality Resources multiplied by Forecast 2022 RA MPB divided by load forecast.

[2] The class average generation rate reflects the generation rate included in PG&E's 2022 ERRR November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are Commercial customers generation rates, respectively.

[3] The TOD SVA for the ECR is illustrative and the actual value will be based on the ECR resource's generation profile. The illustrative rate is based on GTSR dedicated resource profiles and class which have been updated using 2020 data. The class average generation rate reflects the forecast 2022 generation rate from PG&E's 2022 ERRR November Update Forecast.

**Table 14-4**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2020**

Charges	E-1		A-1		A-6		A-10		E-10		E-20		E-20 P		E-20 S		BEV1		BEV2		
	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	
<b>Class Generation Rate</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	
Renewable Integration	1.375	1.324	1.324	1.423	1.331	1.056	1.230	1.153	1.202	1.231	1.161	1.315									
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214									
Resource Adequacy <sup>(2)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905									
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078									
WREGS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001									
<b>Sub Total</b>	<b>10.833</b>	<b>10.862</b>	<b>10.862</b>	<b>10.881</b>	<b>10.881</b>	<b>10.323</b>	<b>10.488</b>	<b>10.441</b>	<b>10.448</b>	<b>10.489</b>	<b>10.419</b>	<b>10.573</b>									
<b>Credits</b>																					
<b>Class Average Generation Rate</b> <sup>(1)</sup>	15.086	14.520	14.520	15.096	14.991	12.009	13.483	12.642	13.177	13.001	14.520	14.991									
Rate Value Adjustment	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.333)	(2.996)	(3.123)	(3.200)	(4.501)	(4.275)									
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102									
Other																					
<b>Subtotal</b>	<b>10.240</b>	<b>10.221</b>	<b>10.221</b>	<b>11.546</b>	<b>11.414</b>	<b>8.666</b>	<b>10.302</b>	<b>9.748</b>	<b>10.054</b>	<b>9.903</b>	<b>10.021</b>	<b>10.474</b>									
<b>2022 Premium (cents/wh)</b>	<b>0.380</b>	<b>0.451</b>	<b>0.451</b>	<b>(1.145)</b>	<b>(1.471)</b>	<b>4.816</b>	<b>0.640</b>	<b>3.734</b>	<b>3.123</b>	<b>3.098</b>	<b>4.499</b>	<b>4.499</b>									
rate <sub>1</sub> = 0.010811																					

PROGRAM CHARGE	E-1		A-1		A-6		A-10		E-10		E-20		E-20 P		E-20 S		BEV1		BEV2	
	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh										
<b>REG, RA, CA ISO, WREGS</b>	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984								
<b>RA (TOD and RA Credit)</b>	4.846	4.289	4.289	3.790	4.172	3.261	3.411	2.984	3.071	3.089	4.289	4.172								
<b>Program Charges - Gen Related</b>	6.830	6.283	6.283	6.774	6.157	5.247	5.476	4.969	5.062	5.085	6.283	6.157								
<b>Market and Admin</b>	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214								
<b>PCA</b>	1.375	1.324	1.324	1.423	1.331	1.056	1.230	1.153	1.202	1.231	1.161	1.315								
<b>Total Program Charges</b>	<b>8.419</b>	<b>7.821</b>	<b>7.821</b>	<b>7.971</b>	<b>7.792</b>	<b>6.826</b>	<b>7.342</b>	<b>6.421</b>	<b>6.527</b>	<b>6.527</b>	<b>7.792</b>	<b>7.821</b>								
<b>Total Program Charges w/o PCA</b>	<b>7.044</b>	<b>6.507</b>	<b>6.507</b>	<b>6.748</b>	<b>6.571</b>	<b>5.615</b>	<b>6.092</b>	<b>5.219</b>	<b>5.356</b>	<b>5.356</b>	<b>6.571</b>	<b>6.748</b>								
<b>Total Program Charges - included w/o PCA</b>	<b>7.050</b>	<b>6.500</b>	<b>6.500</b>	<b>6.750</b>	<b>6.570</b>	<b>5.620</b>	<b>6.100</b>	<b>5.230</b>	<b>5.360</b>	<b>5.360</b>	<b>6.580</b>	<b>6.750</b>								

(1) Imputed Resources Only  
 (2) The PCA is based on the values included PG&E's 2022 ERRA Forecast. The RA value is calculated based on the portfolio NOC data included in PG&E's 2022 ERRA Forecast and reflects the total portfolio net of RA Sales, CAM, GTR, and Tree Mortality Resources multiplied by Forecast RA MP, divided by load.  
 (3) The class average generation rate reflects the generation rate included in PG&E's 2022 ERRA November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are set equal to the Small and Large Commercial customers generation rates, respectively.  
 (4) The load and generation profiles have been updated using 2020 data and the class average generation rate reflect the forecast 2022 generation rate from PG&E's 2022 ERRA November Update Forecast.  
 (5) The Revenue Franchise & Uncollectible (RF&U) factor of 0.010811 was authorized in the 2022 revenue requirement update submitted Advice 45-16-GS379-E, effective January 1, 2022.

**Table 14-5**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2019**

Charges	E-1		A-1		A-6		A-10		E-10		E-20		E-20 P		E-20 S		BEV1		BEV2		
	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	
<b>Class Generation Rate</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	
Renewable Integration	1.763	1.688	1.688	1.625	1.706	1.604	1.577	1.478	1.541	1.579	1.489	1.588									
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214									
Resource Adequacy <sup>(2)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905									
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078									
WREGS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001									
<b>Sub Total</b>	<b>11.821</b>	<b>10.954</b>	<b>10.954</b>	<b>10.883</b>	<b>10.884</b>	<b>10.882</b>	<b>10.835</b>	<b>10.736</b>	<b>10.739</b>	<b>10.837</b>	<b>10.747</b>	<b>10.864</b>									
<b>Credits</b>																					
<b>Class Average Generation Rate</b> <sup>(1)</sup>	15.086	14.520	14.520	15.096	14.991	12.009	13.483	12.642	13.177	13.001	14.520	14.991									
Rate Value Adjustment	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.333)	(2.996)	(3.123)	(3.200)	(4.501)	(4.275)									
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102									
Other																					
<b>Subtotal</b>	<b>10.240</b>	<b>10.221</b>	<b>10.221</b>	<b>11.546</b>	<b>11.414</b>	<b>8.666</b>	<b>10.302</b>	<b>9.748</b>	<b>10.054</b>	<b>9.903</b>	<b>10.021</b>	<b>10.474</b>									
<b>2022 Premium (cents/wh)</b>	<b>0.781</b>	<b>0.833</b>	<b>0.833</b>	<b>(0.763)</b>	<b>(0.546)</b>	<b>2.809</b>	<b>0.783</b>	<b>0.888</b>	<b>0.843</b>	<b>0.824</b>	<b>0.824</b>	<b>0.824</b>									
rate <sub>1</sub> = 0.010811																					

PROGRAM CHARGE	E-1		A-1		A-6		A-10		E-10		E-20		E-20 P		E-20 S		BEV1		BEV2	
	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh	contribution	cost/wh										
<b>REG, RA, CA ISO, WREGS</b>	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984								
<b>RA (TOD and RA Credit)</b>	4.846	4.289	4.289	3.790	4.172	3.261	3.411	2.984	3.071	3.089	4.289	4.172								
<b>Program Charges - Gen Related</b>	6.830	6.283	6.283	6.774	6.157	5.247	5.476	4.969	5.062	5.085	6.283	6.157								
<b>Market and Admin</b>	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214								
<b>PCA</b>	1.375	1.324	1.324	1.423	1.331	1.056	1.230	1.153	1.202	1.231	1.161	1.315								
<b>Total Program Charges</b>	<b>8.827</b>	<b>8.295</b>	<b>8.295</b>	<b>7.773</b>	<b>8.277</b>	<b>6.843</b>	<b>7.264</b>	<b>6.579</b>	<b>6.740</b>	<b>6.875</b>	<b>8.295</b>	<b>8.277</b>								
<b>Total Program Charges w/o PCA</b>	<b>7.452</b>	<b>6.917</b>	<b>6.917</b>	<b>6.391</b>	<b>6.891</b>	<b>5.959</b>	<b>6.379</b>	<b>5.690</b>	<b>5.851</b>	<b>5.986</b>	<b>7.452</b>	<b>7.452</b>								
<b>Total Program Charges - included w/o PCA</b>	<b>7.458</b>	<b>6.909</b>	<b>6.909</b>	<b>6.397</b>	<b>6.897</b>	<b>5.967</b>	<b>6.385</b>	<b>5.696</b>	<b>5.857</b>	<b>5.992</b>	<b>7.458</b>	<b>7.458</b>								

(1) Imputed Resources Only  
 (2) The PCA is based on the values included PG&E's 2022 ERRA Forecast. The RA value is calculated based on the portfolio NOC data included in PG&E's 2022 ERRA Forecast and reflects the total portfolio net of RA Sales, CAM, GTR, and Tree Mortality Resources multiplied by Forecast RA MP, divided by load.  
 (3) The class average generation rate reflects the generation rate included in PG&E's 2022 ERRA November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are set equal to the Small and Large Commercial customers generation rates, respectively.  
 (4) The load and generation profiles have been updated using 2020 data and the class average generation rate reflect the forecast 2022 generation rate from PG&E's 2022 ERRA November Update Forecast.  
 (5) The Revenue Franchise & Uncollectible (RF&U) factor of 0.010811 was authorized in the 2022 revenue requirement update submitted Advice 45-16-GS379-E, effective January 1, 2022.

**Table 14-6**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2018**

Charges	E-1		A-1		A-6		A-10		E-10		E-20		E-20 P		E-20 S		BEV1		BEV2	
	contribution	cost/wh																		
<b>Class Generation Rate</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950
Renewable Integration	1.708	1.644	1.644	1.768	1.653	1.360	1.527	1.432	1.492	1.529	1.442	1.633								
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214								
Resource Adequacy <sup>(2)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905								
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078								
WREGS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001								
<b></b>																				

**Table 14-7**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2017**

	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
	cost/bwh											
<b>Charges</b>												
<b>Spine Generation Price</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950
area <sup>(2)</sup>	1.710	1.646	1.646	1.770	1.655	1.362	1.520	1.434	1.454	1.531	1.444	1.636
Renewable Integration	-	-	-	-	-	-	-	-	-	-	-	-
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
Resource Allowance <sup>(3)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
WREGIS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sub Total	10.864	10.864	10.864	11.628	10.933	10.620	10.727	10.882	10.732	10.789	10.732	10.894
<b>Credits</b>												
<b>Class Average Generation Rate</b> <sup>(4)</sup>	15.086	14.520	14.520	15.086	14.991	12.005	13.483	12.642	13.177	13.501	14.520	14.991
Spine Value Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
area <sup>(2)</sup>	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.033)	(2.996)	(3.123)	(3.205)	(4.501)	(4.275)
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Other	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	(4.846)	(4.399)	(4.399)	(3.750)	(4.173)	(3.343)	(2.931)	(2.894)	(3.021)	(3.103)	(4.399)	(4.173)
2022 Premium (cents/kwh)	0.728	0.767	0.767	(0.628)	0.489	1.955	0.755	0.944	0.396	0.386	0.201	0.216
rate <sup>(5)</sup> = 0.010811												
<b>PROGRAM CHARGE</b>												
<b>GT (Residential Table (cents/kwh))</b>	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
RC, RA, CA ISO, WREGIS	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984
RA (TOD and CA Credit)	4.946	4.399	4.399	3.750	4.173	3.343	2.931	2.994	3.057	3.099	4.399	4.173
Program Charge - Gen Related	6.830	6.383	6.383	5.734	6.157	5.327	4.915	4.978	5.045	5.087	6.383	6.157
Market and Admin	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
PCA	1.710	1.646	1.646	1.770	1.655	1.362	1.520	1.434	1.454	1.531	1.444	1.636
<b>Total Program Charges</b>	6.754	6.243	6.243	5.716	6.026	5.293	4.871	4.937	5.004	5.046	6.243	6.026
<b>Total Program Charges w/o PCA</b>	7.044	6.597	6.597	6.371	6.441	5.629	5.219	5.286	5.353	5.397	6.597	6.371
<b>Total Program Charges (inherited w/o PCA)</b>	1.000	0.600	0.600	0.400	0.500	0.600	0.100	0.200	0.100	0.200	0.600	0.400

(1) Dedicated Resources Only

(2) The PCA is based on the values included PG&E's 2022 ERRA Forecast. The RA value is calculated based on the portfolio NCC data included in PG&E's 2022 ERRA Forecast and reflects the total portfolio net of RA Sales, CAM, GTR, and True Mortality Resources multiplied by Forecast RA MP, divided by load.

(3) The class average generation rate reflects the generation rate included in PG&E's 2022 ERRA November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are set equal to the Small and Large Commercial customers generation rates, respectively.

(4) The load and generation profiles have been updated using 2020 data and the class average generation rate reflect the forecast 2022 generation rate from PG&E's 2022 ERRA November Update Forecast.

(5) The Revenue Franchise & Uncollectible (RF&U) factor of 0.010811 was authorized in the 2022 revenue requirement update submitted Advice 4516-GS379-E, effective January 1, 2022.

**Table 14-8**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2016**

	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
	cost/bwh											
<b>Charges</b>												
<b>Spine Generation Price</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950
area <sup>(2)</sup>	1.728	1.664	1.664	1.780	1.673	1.376	1.545	1.440	1.510	1.547	1.450	1.633
Renewable Integration	-	-	-	-	-	-	-	-	-	-	-	-
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
Resource Allowance <sup>(3)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
WREGIS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sub Total	10.866	10.822	10.822	11.647	10.931	10.634	10.803	10.727	10.788	10.850	10.717	10.911
<b>Credits</b>												
<b>Class Average Generation Rate</b> <sup>(4)</sup>	15.086	14.520	14.520	15.086	14.991	12.005	13.483	12.642	13.177	13.501	14.520	14.991
Spine Value Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
area <sup>(2)</sup>	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.033)	(2.996)	(3.123)	(3.205)	(4.501)	(4.275)
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Other	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	(4.846)	(4.399)	(4.399)	(3.750)	(4.173)	(3.343)	(2.931)	(2.894)	(3.021)	(3.099)	(4.399)	(4.173)
2022 Premium (cents/kwh)	0.746	0.801	0.801	(0.759)	0.513	1.932	0.791	0.959	0.412	0.402	0.194	0.440
rate <sup>(5)</sup> = 0.010811												
<b>PROGRAM CHARGE</b>												
<b>GT (Residential Table (cents/kwh))</b>	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
RC, RA, CA ISO, WREGIS	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984	1.984
RA (TOD and CA Credit)	4.946	4.399	4.399	3.750	4.173	3.343	2.931	2.994	3.057	3.099	4.399	4.173
Program Charge - Gen Related	6.830	6.383	6.383	5.734	6.157	5.327	4.915	4.978	5.045	5.087	6.383	6.157
Market and Admin	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
PCA	1.710	1.646	1.646	1.770	1.655	1.376	1.545	1.440	1.510	1.547	1.450	1.636
<b>Total Program Charges</b>	6.772	6.261	6.261	5.727	6.044	5.217	4.801	4.879	4.943	4.985	6.261	6.044
<b>Total Program Charges w/o PCA</b>	7.044	6.597	6.597	6.341	6.411	5.600	5.190	5.258	5.326	5.369	6.597	6.371
<b>Total Program Charges (inherited w/o PCA)</b>	1.000	0.600	0.600	0.400	0.500	0.600	0.100	0.200	0.100	0.200	0.600	0.400

(1) Dedicated Resources Only

(2) The PCA is based on the values included PG&E's 2022 ERRA Forecast. The RA value is calculated based on the portfolio NCC data included in PG&E's 2022 ERRA Forecast and reflects the total portfolio net of RA Sales, CAM, GTR, and True Mortality Resources multiplied by Forecast RA MP, divided by load.

(3) The class average generation rate reflects the generation rate included in PG&E's 2022 ERRA November Update Forecast with the exception of the BEV-1 and BEV-2 generation rates, which are set equal to the Small and Large Commercial customers generation rates, respectively.

(4) The load and generation profiles have been updated using 2020 data and the class average generation rate reflect the forecast 2022 generation rate from PG&E's 2022 ERRA November Update Forecast.

(5) The Revenue Franchise & Uncollectible (RF&U) factor of 0.010811 was authorized in the 2022 revenue requirement update submitted Advice 4516-GS379-E, effective January 1, 2022.

**Table 14-9**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**GTR Program - 2022**  
**E-GT Option - Vintage 2015**

	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
	cost/bwh											
<b>Charges</b>												
<b>Spine Generation Price</b> <sup>(1)</sup>	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950	7.950
area <sup>(2)</sup>	1.704	1.640	1.640	1.763	1.648	1.357	1.527	1.433	1.458	1.485	1.556	1.439
Renewable Integration	-	-	-	-	-	-	-	-	-	-	-	-
Marketing & Administration	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
Resource Allowance <sup>(3)</sup>	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905
CAISO Charges	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
WREGIS Fees	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sub Total	10.862	10.888	10.888	11.621	10.907	10.615	10.781	10.686	10.747	10.784	10.887	10.987
<b>Credits</b>												
<b>Class Average Generation Rate</b> <sup>(4)</sup>	15.086	14.520	14.520	15.086	14.991	12.005	13.483	12.642	13.177	13.501	14.520	14.991
Spine Value Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
area <sup>(2)</sup>	(4.948)	(4.501)	(4.501)	(3.852)	(4.275)	(3.445)	(3.033)	(2.996)	(3.123)	(3.205)	(4.501)	(4.275)
RA	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Other	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	(4.846)	(4.399)	(4.399)	(3.750)	(4.173)	(3.343)	(2.931)	(2.894)	(3.021)	(3.099)	(4.399)	(4.173)
2022 Premium (cents/kwh)	0.722	0.777	0.777	(0.625)	0.489	1.953	0.729	0.938	0.497	0.487	0.206	0.249
rate <sup>(5)</sup> = 0.010811												
<b>PROGRAM CHARGE</b>												
<b>GT (Residential Table (cents/kwh))</b>	E-1	A1	A-6	A-10	E-10	LS-3	AG	E-20 T	E-20 P	E-20 S	BEV1	BEV2
RC, RA, CA ISO, WREGIS	1.984	1.984	1.984									

**Final 2022 ERRR / AET Uncapped PCIA Rates (with DWR Franchise Fee)**

Rate Group	Proposed PCIA Rates by Vintage (\$/kWh)													
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Residential	0.01104	0.01538	0.01649	0.01726	0.01728	0.01715	0.01704	0.01728	0.01710	0.01708	0.01763	0.01375	0.02554	0.02554
Small L&P	0.01063	0.01481	0.01587	0.01662	0.01664	0.01651	0.01640	0.01664	0.01646	0.01644	0.01698	0.01324	0.02458	0.02458
Medium L&P	0.01143	0.01592	0.01706	0.01786	0.01788	0.01775	0.01763	0.01789	0.01770	0.01768	0.01825	0.01423	0.02643	0.02643
E19	0.01069	0.01489	0.01595	0.01670	0.01672	0.01659	0.01649	0.01673	0.01655	0.01653	0.01706	0.01331	0.02471	0.02471
Streetlights	0.00880	0.01225	0.01313	0.01374	0.01376	0.01365	0.01357	0.01376	0.01362	0.01360	0.01404	0.01095	0.02033	0.02033
Standby	0.00795	0.01107	0.01186	0.01242	0.01243	0.01234	0.01226	0.01244	0.01231	0.01229	0.01269	0.00990	0.01837	0.01837
Agriculture	0.00988	0.01375	0.01474	0.01543	0.01545	0.01533	0.01523	0.01545	0.01529	0.01527	0.01577	0.01230	0.02283	0.02283
E20 T (Excluding FPP)	0.00926	0.01290	0.01382	0.01447	0.01449	0.01437	0.01428	0.01449	0.01434	0.01432	0.01478	0.01153	0.02140	0.02140
E20 P (Excluding FPP)	0.00965	0.01344	0.01441	0.01508	0.01510	0.01498	0.01489	0.01510	0.01494	0.01492	0.01541	0.01202	0.02231	0.02231
E20 S (Excluding FPP)	0.00989	0.01377	0.01476	0.01545	0.01547	0.01535	0.01526	0.01547	0.01531	0.01529	0.01579	0.01231	0.02286	0.02286
BEV1	0.00933	0.01299	0.01392	0.01457	0.01459	0.01448	0.01439	0.01459	0.01444	0.01442	0.01489	0.01161	0.02156	0.02156
BEV2	0.01056	0.01471	0.01577	0.01651	0.01653	0.01640	0.01629	0.01653	0.01636	0.01633	0.01686	0.01315	0.02442	0.02442

**PACIFIC GAS AND ELECTRIC COMPANY**  
**2022 ERRR / AET Final - AVERAGE GENERATION RATES**

<b>Line No.</b>	<b>Customer Class</b>	<b>Proposed Rate (\$/kWh)</b>
1	Residential	\$0.15086
2	Small Commercial	\$0.14520
3	Medium Commercial	\$0.15596
4	Large Commercial	\$0.14591
5	Streetlights	\$0.12005
6	Standby	\$0.10841
7	Agriculture	\$0.13483
8	E-20 T	\$0.12642
9	E-20 P	\$0.13177
10	E-20 S	\$0.13501

CONFIDENTIAL INFORMATION

Protectable under D.06-06-066, Appendix I, and Submitted under Pub. Util. Code §§ 454.5(g) and 583

LogNumber	ERRA Label	Name	Contract Begin - P3	Contract End	Vintage	Charge Type 1	Charge Type 2	Contract Capacity	MWhr	Total Procurement Costs (\$)	
33R382	Renewable Portfolio Standard-Eligible Contracts	Bakersfield 1 (GTSR Project)	12/26/2017	5/24/2038	GTSR	2016	RAM6	5.25	0	\$ -	
33R386	Renewable Portfolio Standard-Eligible Contracts	San Joaquin 1B FIT (GTSR Project)	10/18/2018	12/1/2038	GTSR	2016	RAM6	1.50	0	\$ -	
33R388	Renewable Portfolio Standard-Eligible Contracts	Bakersfield Industrial 1 (GTSR Project)	12/27/2017	3/11/2038	GTSR	2016	RAM6	1.00	0	\$ -	
33R389	Renewable Portfolio Standard-Eligible Contracts	Delano Land 1 (GTSR Project)	12/28/2017	3/11/2038	GTSR	2016	RAM6	1.00	0	\$ -	
33R390	Renewable Portfolio Standard-Eligible Contracts	Manteca Land 1 (GTSR Project)	12/28/2017	3/11/2038	GTSR	2016	RAM6	1.00	0	\$ -	
33R391	Renewable Portfolio Standard-Eligible Contracts	Merced 1 Solar Project (GTSR Project)	4/16/2018	8/23/2038	GTSR	2016	RAM6	3.00	0	\$ -	
33R392	Renewable Portfolio Standard-Eligible Contracts	RE Tranquillity 8 Amarillo (GTSR Project)	12/27/2017	2/8/2035	GTSR	2016	RAM6	20.00	0	\$ -	
33R396	Renewable Portfolio Standard-Eligible Contracts	54KR (GTSR Project)	2/8/2018	2/7/2038	GTSR	2016	RAM6	20.00	0	\$ -	

Log Number	Contract Name	MW-year	Cost Capacity (\$/kW-year)	Capacity Value	Sales Forecast	Capacity Credit (\$/MWh)
33R382	Bakersfield PV 1	0.75				
33R386	Winter Wheat (FKA San Joaquin 1B)	-				
33R388	Bakersfield Industrial 1	0.14				
33R389	Delano Land 1	0.14				
33R390	Manteca Land 1	-				
33R391	Merced 1	0.43				
33R392	RE Tranquillity 8 Amarillo	2.85				
33R396	54KR 8me LLC	2.85				
<b>Capacity Value with rf&amp;u</b>		7.16	\$ 76.20	\$ 545,846	539,616	\$ 1.0115
						\$ 1.0225

SOLAR CHARGE FOR 2022				
Description	MWh	Costs	\$/MWh	Solar Charge (w/rf&u)
2022 Dedicated Resource Totals				
2022 Interim Pool Total				
GTSRBA Balance Amortization				
<b>Total</b>		\$ 69.85	\$	70.60

rf&u = 0.010811

(a) The Revenue Franchise & Uncollectible (RF&U) factor of 0.010811 was authorized in the 2022 revenue requirement update submitted Advice 4516-G/6379-E, effective January 1, 2022.

Internal Name	Lognumber	Actual Contract COD	Capacity (MW)	2021 Generation (MWh)	Contract Price (\$/MWh)	Avg Price 2021 (\$/MWh)	Other Resource Pool	Total Cost
Shafter Solar - RAM 3	33R291	03-Jun-15	19.98	50,245				
Bakersfield 111	33R315AB	28-Jul-15	1.4	3,035				
Fresno Cogeneration - Fresno Solar South	33R295AB	20-Oct-15	1.5	3,071				
Fresno Cogeneration - Fresno Solar West	33R296AB	20-Oct-15	1.5	3,072				
Columbia Solar Energy - RAM 2	33R278	21-Oct-15	19	40,012				
Greenlight - Sirius Solar Project	33R300AB	22-Oct-15	0.999	2,031				
Morelos del Sol - RAM 3	33R292	02-Dec-15	15	38,313				
ImMODO- Lemoore 1	33R307AB	01-Feb-16	1.5	2,063				
Greenlight - Peacock Solar Project	33R304AB	03-Feb-16	0.999	1,424				
Pristine Sun- 2192 Ramirez	33R318AB	11-Feb-16	0.5	1,152				
Greenlight - Castor Solar Project	33R302AB	07-Apr-16	1.5	3,503				
CED Corcoran Solar 3, LLC - PV 3	33R374	01-Dec-16	20	51,141				
CED Oro Loma Solar Project A - RAM 5	33R363	26-Jan-17	10	27,175				
Avenal Solar Project A - RAM 5	33R365	26-Jan-17	7.9	19,428				
CED Oro Loma Solar Project B - RAM 5	33R366	26-Jan-17	10	27,144				
Avenal Solar Project B - RAM 5	33R368	26-Jan-17	7.9	18,899				
Westside Solar, LLC - PV 3	33R375	13-Mar-17	20	57,323				
Aspiration Solar G LLC - PV 3	33R376	26-Sep-17	9	23,653				
Woodmere Solar Farm - RAM 4 <sup>1</sup>	33R324	23-Dec-15	15	29,998			DAC-GT	
Summer Wheat (FKA San Joaquin 1A - RAM 6) <sup>1</sup>	33R387	11-Oct-18	19.24	29,998			DAC-GT	

Fn. 1: Excess 2020 DAC-GT Available in 2021 (MWh): 59,995

Weighted Avg Price for 2021 (\$/MWh)

2021 Short Position = Forecast-dedicated resources-backstop volumes 287,469  
2021 Interim Pool Generation (MWh) 382,435  
2021 Excess (carry forward to 2022) 94,966

Check Balance	
Sales Forecast	465,120
Dedicated Resource	131,900
2020 DAC Excess	59,995
Reverse Backstop	45,751
Short Position	227,474
Interim Pool	322,440
Excess	94,966

Internal Name	Lognumber	2022 Generation (MWh)	Avg Price 2022 (\$/MWh)	Other Resource Pool	Total Cost
Shafter Solar - RAM 3	33R291	49,085			
Bakersfield 111	33R315AB	3,149			
Fresno Cogeneration - Fresno Solar South	33R295AB	3,038			
Fresno Cogeneration - Fresno Solar West	33R296AB	3,061			
Columbia Solar Energy - RAM 2	33R278	39,399			
Greenlight - Sirius Solar Project	33R300AB	2,039			
Morelos del Sol - RAM 3	33R292	35,420			
ImMODO- Lemoore 1	33R307AB	2,040			
Greenlight - Peacock Solar Project	33R304AB	1,361			
Pristine Sun- 2192 Ramirez	33R318AB	1,186			
Greenlight - Castor Solar Project	33R302AB	3,374			
CED Corcoran Solar 3, LLC - PV 3	33R374	50,303			
CED Oro Loma Solar Project A - RAM 5	33R363	26,768			
Avenal Solar Project A - RAM 5	33R365	17,123			
CED Oro Loma Solar Project B - RAM 5	33R366	26,775			
Avenal Solar Project B - RAM 5	33R368	16,740			
Westside Solar, LLC - PV 3	33R375	56,532			
Aspiration Solar G LLC - PV 3	33R376	23,359			
Woodmere Solar Farm - RAM 4 <sup>1</sup>	33R324	13,097		DAC-GT	
Summer Wheat (FKA San Joaquin 1A - RAM 6) <sup>1</sup>	33R387	13,097		DAC-GT	
Excess 2021 Interim Pool Resources Available in 2022 (MWh) <sup>2</sup>		94,966		Interim Pool	
Excess 2023 Interim Pool Available in 2023 used to support 2022 need (MWh) <sup>3</sup>		141,225		2023 GTSR Resources	

Fn 1: Excess 2021 DAC-GT Interim Pool available in 2021 (MWh):	26,195	
Fn 2: Excess 2021 Interim Pool available in 2022 (MWh):	94,966	Weighted Avg Price for 2022 (\$/MWh)
Fn 3: Excess 2023 Interim Pool available in 2023 used to support 2022 need (MWh):	141,225	

Interim Pool Need for Solar Choice in 2022 (MWh) = Sales Forecast less I 401,361  
Expected generation for 2022 interim pool resources, 2021 excess, and 2023 excess 2023 Generation 623,138  
Excess 2023 Generation 221,778

Internal Name	Lognumber	Address	City	County	State	Technology	Actual Contract CDD	Capacity (MW)	2023 Generation (MWh)	Avg Price 2023 (\$/MWh)	Other Resource Pool
Shafter Solar - RAM 3	33R291	34000 7th Standard Rd	Shafter	Kern	CA	Solar Photovoltaic	03-Jun-15	19.98	48,594		
Bakersfield 111	33R315AB	4500 Gottonwood Rd.	Bakersfield	Kern	CA	Solar Photovoltaic	28-Jul-15	1.4	3,133		
Fresno Cogeneration - Fresno Solar South	33R295AB	8105 South Lassen Ave	San Joaquin	Fresno	CA	Solar Photovoltaic	20-Oct-15	1.5	3,023		
Fresno Cogeneration - Fresno Solar West	33R296AB	8105 South Lassen Ave	San Joaquin	Fresno	CA	Solar Photovoltaic	20-Oct-15	1.5	3,046		
Columbia Solar Energy - RAM 2	33R278	900 Lovernidge Rd	Pittsburg	Contra Costa	CA	Solar Photovoltaic	21-Oct-15	19	39,202		
Greenlight - Sirius Solar Project	33R300AB	10170 E. Mission Ave.	Le Grand	Merced	CA	Solar Photovoltaic	22-Oct-15	0.999	2,029		
Morelos del Sol - RAM 3	33R292	South side of Twisselman Road, approximately 2.4 miles east of Highway 33	Lost Hills	Kern	CA	Solar Photovoltaic	02-Dec-15	15	37,523		
Woodmere Solar Farm - RAM 4	33R324	16161 Muller Road	Bakersfield	Kern	CA	Solar Photovoltaic	23-Dec-15	15	31,006		DAC-GT
ImMODO- Lemoore 1	33R307AB	14805A 19th Avenue	Lemoore	Kings	CA	Solar Photovoltaic	01-Feb-16	1.5	2,030		
Greenlight - Peacock Solar Project	33R304AB	Ave 424 and Road 144	Orosi	Tulare	CA	Solar Photovoltaic	03-Feb-16	0.999	1,354		
Pristine Sun- 2192 Ramirez	33R318AB	22189 Samson Ave	Corning	Tehama	CA	Solar Photovoltaic	11-Feb-16	0.5	1,180		
Greenlight - Castor Solar Project	33R302AB	Evans Ranch Rd and Dustins Rd	Taft	Kern	CA	Solar Photovoltaic	07-Apr-16	1.5	3,357		
CED Corcoran Solar 3, LLC - PV 3	33R374	Kings County, APN# 028-290-041 and 028-290-043	Corcoran	Kings	CA	Solar Photovoltaic	01-Dec-16	20	50,052		
CED Oro Loma Solar Project A - RAM 5	33R363	005-040-17S & 005-040-15S.	Fresno County	Fresno	CA	Solar Photovoltaic	26-Jan-17	10	26,575		
Avenal Solar Project A - RAM 5	33R365	West side of State Hwy 33, Avenal, CA 93204. East half of APN 038-270-012. 40-17S	Avenal	Kings	CA	Solar Photovoltaic	26-Jan-17	7.9	19,047		
CED Oro Loma Solar Project B - RAM 5	33R366	005-040-17S & 005-040-15S.	Fresno County	Fresno	CA	Solar Photovoltaic	26-Jan-17	10	26,582		
Avenal Solar Project B - RAM 5	33R368	17S.	Avenal	Kings	CA	Solar Photovoltaic	26-Jan-17	7.9	18,502		
Westside Solar, LLC - PV 3	33R375	Intersection of W. Paige Ave. and S. Lake Ave.	Fresno County	Fresno	CA	Solar Photovoltaic	13-Mar-17	20	56,250		
Aspiration Solar G LLC - PV 3	33R376	S Oil City S Oil City Ave and W Mountain View Ave and W Mountain View Ave	Tranquility	Fresno	CA	Solar Photovoltaic	26-Sep-17	9	23,243		
Summer Wheat (FKA San Joaquin 1A - RAM 6)	33R387	19755 Kamm Ave	San Joaquin	Fresno	CA	Solar Photovoltaic	11-Oct-18	19.24	31,006		DAC-GT

	Generation	Cost	Average Price
Interim Pool	426,732		
Dedicated	138,169		
Total Pool	564,901		
25% of Total	141,225		

DAC GT Interim Pool MWh Available in 2021 and 2022						
Line No.	Month	MW	Days/mo	Hrs/Mo	Cap Factor	Calculated MWh per Month
1	Jan-22		31	744	0.28	
2	Feb-22		28	672	0.28	
3	Mar-22		31	744	0.28	
4	Apr-22	9.32	30	720	0.28	1,879
5	May-22	9.32	31	744	0.28	1,942
6	Jun-22	14.11	30	720	0.28	2,845
7	Jul-22	14.11	31	744	0.28	2,939
8	Aug-22	14.11	31	744	0.28	2,939
9	Sep-22	14.11	30	720	0.28	2,845
10	Oct-22	14.11	31	744	0.28	2,939
11	Nov-22	14.11	30	720	0.28	2,845
12	Dec-22	24.11	31	744	0.28	5,023
13	Jan-23	24.11	31	744	0.28	5,023
14	Feb-23	24.11	28	672	0.28	4,537
15	Mar-23	24.11	31	744	0.28	5,023
16	Apr-23	24.11	30	720	0.28	4,861
17	May-23	24.11	31	744	0.28	5,023
18	Jun-23	24.11	30	720	0.28	4,861
19	Jul-23	24.11	31	744	0.28	5,023
20	Aug-23	24.11	31	744	0.28	5,023
21	Sep-23	24.11	30	720	0.28	4,861
22	Oct-23	28.76	31	744	0.28	5,991
23	Nov-23	28.76	30	720	0.28	5,798
24	Dec-23	28.76	31	744	0.28	5,991
25				<b>Total 2022</b>		<b>26,195</b>
26				<b>Total 2023</b>		<b>62,012</b>

**DAC-GT Dedicated Resources Online Date**

<b>Line No.</b>	<b>Counterparty</b>	<b>Program</b>	<b>Project Name</b>	<b>Project Size (MW)</b>	<b>COD</b>	<b>Term</b>	<b>Location</b>
1	Forefront	DAC-GT	Kern Sunset	2.4	10/22/2023	20	Shafter, CA
2	Forefront	DAC-GT	Highway 43	2.25	10/22/2023	20	Bakersfield, CA
3	Forefront	DAC-GT	Nachtigall	4.66	3/31/2022	20	Wasco, CA
4	Forefront	DAC-GT	Pistachio Road	4.79	5/5/2022	20	Lost Hills, CA
5	Forefront	DAC-GT	Terry	4.66	3/29/2022	20	Wasco, CA
6	Fresno	DAC-GT	Fresno DAC-GT	10	11/10/2022	20	Fresno, CA

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Sum of Total Costs, InclGMC								Month			Costs												
Vintage	LogNumber	UNIT_ID	ID	Name	Technology	RPS Eligible	ContractCapacity	10/1/2021	11/1/2021	12/1/2021	1/1/2022	2/1/2022	3/1/2022	4/1/2022	5/1/2022	6/1/2022	7/1/2022	8/1/2022	9/1/2022	10/1/2022	11/1/2022	12/1/2022	2022 Total Cost
GTSR	33R425	1281	RPS519	Mahal PV (GTSR - Regional)	Solar PV	N	1,656																
GTSR	33R382	903	RPS424	Bakersfield 1 (GTSR Project)	Solar PV	Y	5.25																
GTSR	33R386	907	RPS428	San Joaquin 1B FIT (GTSR Project)	Solar PV	Y	1.5																
GTSR	33R388	909	RPS430	Bakersfield Industrial 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R389	910	RPS431	Delano Land 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R390	911	RPS432	Manteca Land 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R391	912	RPS433	Merced 1 Solar Project (GTSR Project)	Solar PV	Y	3																
GTSR	33R392	913	RPS434	RE Tranquility 8 Amarillo (GTSR Project)	Solar PV	Y	20																
GTSR	33R396	917	RPS438	54KR (GTSR Project)	Solar PV	Y	20																
<b>Grand Total</b>																			<b>138,255</b> GT Total				

Sum of MWhr								Month			Generation												
Vintage	LogNumber	UNIT_ID	ID	Name	Technology	RPS Eligible	ContractCapacity	10/1/2021	11/1/2021	12/1/2021	1/1/2022	2/1/2022	3/1/2022	4/1/2022	5/1/2022	6/1/2022	7/1/2022	8/1/2022	9/1/2022	10/1/2022	11/1/2022	12/1/2022	2022 Generation
GTSR	33R425	1281	RPS519	Mahal PV (GTSR - Regional)	Solar PV	N	1,656																
GTSR	33R382	903	RPS424	Bakersfield 1 (GTSR Project)	Solar PV	Y	5.25																
GTSR	33R386	907	RPS428	San Joaquin 1B FIT (GTSR Project)	Solar PV	Y	1.5																
GTSR	33R388	909	RPS430	Bakersfield Industrial 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R389	910	RPS431	Delano Land 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R390	911	RPS432	Manteca Land 1 (GTSR Project)	Solar PV	Y	1																
GTSR	33R391	912	RPS433	Merced 1 Solar Project (GTSR Project)	Solar PV	Y	3																
GTSR	33R392	913	RPS434	RE Tranquility 8 Amarillo (GTSR Project)	Solar PV	Y	20																
GTSR	33R396	917	RPS438	54KR (GTSR Project)	Solar PV	Y	20																
<b>Grand Total</b>																			<b>138,255</b> GT Total				

Sum of NQC								Month			Net Qualifying Capacity												
Vintage	LogNumber	UNIT_ID	ID	Name	Technology	RPS Eligible	ContractCapacity	10/1/2021	11/1/2021	12/1/2021	1/1/2022	2/1/2022	3/1/2022	4/1/2022	5/1/2022	6/1/2022	7/1/2022	8/1/2022	9/1/2022	10/1/2022	11/1/2022	12/1/2022	2022 NQC
GTSR	33R425	1281	RPS519	Mahal PV (GTSR - Regional)	Solar PV	N	1,656	0.0	0.0	-	0.1	0.0	0.3	0.2	0.3	0.5	0.6	0.4	0.2	0.0	0.0	-	0.2
GTSR	33R382	903	RPS424	Bakersfield 1 (GTSR Project)	Solar PV	Y	5.25	0.11	0.11	-	0.21	0.16	0.95	0.79	0.84	1.63	2.05	1.42	0.74	0.11	0.11	-	0.75
GTSR	33R386	907	RPS428	San Joaquin 1B FIT (GTSR Project)	Solar PV	Y	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GTSR	33R388	909	RPS430	Bakersfield Industrial 1 (GTSR Project)	Solar PV	Y	1	0.02	0.02	-	0.04	0.03	0.18	0.15	0.16	0.31	0.39	0.27	0.14	0.02	0.02	-	0.14
GTSR	33R389	910	RPS431	Delano Land 1 (GTSR Project)	Solar PV	Y	1	0.02	0.02	-	0.04	0.03	0.18	0.15	0.16	0.31	0.39	0.27	0.14	0.02	0.02	-	0.14
GTSR	33R390	911	RPS432	Manteca Land 1 (GTSR Project)	Solar PV	Y	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GTSR	33R391	912	RPS433	Merced 1 Solar Project (GTSR Project)	Solar PV	Y	3	0.06	0.06	-	0.12	0.09	0.54	0.45	0.48	0.93	1.17	0.81	0.42	0.06	0.06	-	0.43
GTSR	33R392	913	RPS434	RE Tranquility 8 Amarillo (GTSR Project)	Solar PV	Y	20	0.40	0.40	-	0.80	0.60	3.60	3.00	3.20	6.20	7.80	5.40	2.80	0.40	0.40	-	2.85
GTSR	33R396	917	RPS438	54KR (GTSR Project)	Solar PV	Y	20	0.40	0.40	-	0.80	0.60	3.60	3.00	3.20	6.20	7.80	5.40	2.80	0.40	0.40	-	2.85
<b>Grand Total</b>																			<b>7.16</b> GT Total				

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2022 Forecast Adders				
		PG&E	SDG&E	SCE
Energy Index[1] (\$/MWh)	On Peak	\$72.96	\$71.72	\$71.72
	Off Peak	\$58.34	\$56.53	\$56.53
RA Adder (\$/kW-month)	System RA		\$6.03	
	Local RA		\$6.35	\$6.46
	Flexible RA		\$6.41	
RPS Adder (\$/MWh)		\$13.70		

Vintage Billing Determinants (MWh)	27,971,673
System Value (\$1000s)	
Local Value (\$1000s)	
Flex Value (\$1000)	
PCIA-eligible RA Value (\$1000s)	\$ 527,052.08
RA Value - Bundled Customers	18.84 \$/MWh
RA Value with RF&U	19.05 \$/MWh

Calculation of Retained RA Factor							
Vintages	System		Local		Flex		Total
	NQC	Alloc Factor	NQC	Alloc Factor	NQC	Alloc Factor	
PCIA UOG Legacy		80.22%		38.84%		29.13%	47.75%
PCIA 2009		11.79%		46.13%		70.87%	41.75%
PCIA 2010		3.45%		2.08%		0.00%	2.06%
PCIA 2011		1.65%		4.36%		0.00%	2.87%
PCIA 2012		1.19%		2.58%		0.00%	1.75%
PCIA 2013		1.37%		0.18%		0.00%	0.46%
PCIA 2014		0.09%		0.05%		0.00%	0.05%
PCIA 2015		0.10%		0.25%		0.00%	0.17%
PCIA 2016		0.02%		0.00%		0.00%	0.00%
PCIA 2017		0.01%		1.07%		0.00%	0.61%
PCIA 2018		0.00%		0.00%		0.00%	0.00%
PCIA 2019		0.00%		4.24%		0.00%	2.38%
PCIA 2020		0.00%		0.20%		0.00%	0.11%
PCIA 2021		0.10%		0.01%		0.00%	0.03%
MW-Month		100.00%		100.00%		100.00%	100.00%

Green Tariff Shared Renewables

WREGIS fees and ARB/VRE Administration

<https://www.wecc.org/Administrative/WREGIS%20Fee%20Matrix.pdf>

	2016	2017	2018	2019	2020	2021	2022	
Annual account holder fee	\$1,500	\$125	\$125	\$125	\$125	\$125	\$125	
REC transfer fee	\$0.005	\$0.005	\$0.005	\$0.005	\$0.004	\$0.004	\$0.004	per MWh
REC retirement fee	\$0.010	\$0.010	\$0.005	\$0.005	\$0.004	\$0.004	\$0.004	per MWh

	2016	2017	2018	2019	2020	2021	2022
Total MWh/year	21,524	39,341	52,390	79,248	81,611	465,120	539,616

Assumptions:

Years 1 and 2: RECs may be transferred from RPS account, incurring the \$0.005/MWh transfer fee in addition to \$0.01/MWh retirement fee  
 Years 3 and 4: \$0.01/MWh transfer and retirement fee  
 Years 5 and 6: \$0.008/MWh transfer and retirement fee

	2016	2017	2018	2019	2020	2021	2022	Total
REC fees	\$323	\$590	\$524	\$792	\$653	\$3,721	\$4,317	
Account fee	\$1,500	\$125	\$125	\$125	\$125	\$125	\$125	
Total Expense per Year	\$1,823	\$715	\$649	\$917	\$778	\$3,846	\$4,442	\$13,170
Actual / Expected Subscription (MWh)	21,524	39,341	52,390	52,390	79,248	465,120	539,616	1,249,630
Fee (\$/MWh)	\$0.085	\$0.018	\$0.012	\$0.018	\$0.010	\$0.008	\$0.008	\$0.011
RF&U =	0.010811							

Average Cost &  
Average Enrollment  
per Year

\$1,881.45  
178,519

\$0.011 Fee (\$/MWh)  
0.001 Fee (cents/kWh)  
0.001 Fee (cents/kWh) w/RF&U

\$0.00001

WREGIS FEE MATRIX			
Account Holder Types	Total CU Size Per WREGIS Account	Annual per Year	Issuance (Creation) / Transfer Retire / Reserve / Export
<b>GU Production Size Less Than 10 Megawatts</b>			
GU Micro: Generating Unit Owner / Representative Only	30 KW or Less	\$50.00	No Certificate Fees
GU Small: Generating Unit Owner / Representative Only	30 KW - 1 MW	\$75.00	
GU Medium: Generating Unit Owner / Representative Only	1 MW - 10 MW	\$100.00	
<b>GU Large &amp; Other Account Types / 10 Megawatts or More</b>			
GU Large: Generating Unit Owner / Representative Only			
Load Serving Entities: Municipal Utility, Irrigation District, Joint Power Authority, Investor-Owned Utility, Rural Electric Cooperative, Electric Service			
Retail Marketers: Federal Marketer / Power Administrator	10 MW or More	\$125.00	\$0.004 / Certificate
Wholesale Marketers: Federal Marketer / Power Administrator			
Utility Aggregators			
Generator Aggregators: Community Choice Aggregator			
Account Holder: Other: Broker, Public Interest Organization, Tribal Organization			
<i>One or more types above may be selected - the annual fee will remain \$125.00 per year</i>			
Make all checks payable to WREGIS (in US dollars) or for Electronic Payment Instructions (ACH), contact wregis@wecc.org. Please refer to the Account Holder (AH) Registration Guide for complete instructions at wregis.org, under the Registration tab. Effective January 1, 2020			
<b>Reports and Other Service Fees</b>			
<b>Report / Service Type</b>	<b>Email</b>	<b>Hardcopy</b>	<b>Monthly</b>
Authorized Report	\$25.00	\$50.00	
WREGIS Deliverability (eTag) User			\$212.00
Change Control			Variable
Fuel and/or Aggregated Meter Modifications (per generator and vintage)			\$ 75.00
Failure to complete Generating Unit Annual Review (per generator)			\$ 50.00

	<u>2022</u>			
	[1]	[2]	[3] = (( [1] - 1 ) * [2])	[4] = [3] * 100
Solar Value Adjustment (SVA) Time-of-Delivery (TOD) by Class	<i>SVA TOD Ratio = Value of Solar / Cost to Serve Load</i>	<i>Class Average Generation Rate (\$/kWh)</i>	<i>SVA TOD Rate (\$/kWh)</i>	<i>TOD Solar Value Adjustment (cents/kWh)*</i>
Residential	0.672	0.15086	-0.04948	-4.948
Small Light and Power	0.690	0.14520	-0.04501	-4.501
Medium Light & Power	0.753	0.15596	-0.03852	-3.852
Large Commercial	0.707	0.14591	-0.04275	-4.275
Streetlights	0.713	0.12005	-0.03445	-3.445
Agriculture	0.738	0.13483	-0.03533	-3.533
Industrial - T	0.763	0.12642	-0.02996	-2.996
Industrial - P	0.763	0.13177	-0.03123	-3.123
Industrial - S	0.763	0.13501	-0.032	-3.200
BEV1	0.690	0.14520	-0.04501	-4.501
BEV2	0.707	0.14591	-0.04275	-4.275

**Grid Management Charge - 2022 GTSR Rate**

Description	CAISO GMC Charge		
	<b>3-year Average of Actuals (2018 - 2020)</b>		
ISO Grid Magement Charges	\$	46,657,797	3-year average (2018 - 2020)
Bundled Load (MWh)		60,981,683	
Average Rate (\$/MWh)	\$	0.770	
Average Rate (\$/kWh)	\$	0.00077	
Average Rate w/ RF&U (\$/kWh)	\$	0.00078	

Bundled Load		Grid Management Charge	
<b>2018</b>			
Retail	88,175,650		
Sales for Resale	5,661,727		
DA/CCA	20,396,327		
<b>Bunded (Retail less DA)</b>	<b>67,779,323</b>	\$ 51,070,148	0.75
<b>2019</b>			
Retail	90,857,206		
Sales for Resale	10,790,942		
DA/CCA	30,549,791		
<b>Bunded (Retail less DA)</b>	<b>60,307,415</b>	\$ 45,707,324	0.76
<b>2020</b>			
Retail	97,121,150		
Sales for Resale	18,328,235		
DA/CCA	42,262,840		
<b>Bunded (Retail less DA)</b>	<b>54,858,310</b>	\$ 43,195,920	0.79

GTSR Admin & Marketing Rate

(A) Summary of Forecasted Costs

Costs are pulled from following tabs which detail the assumptions for the cost estimates in each cost category in more detail  
2015-2019 are actuals based on GTSR Cost Monitoring Reports. 2020 is a mix of actuals (through Sept. 2020) and forecast (Oct-Dec)

Line No.	Cost Categories	Actuals					Forecast										2018 - 2031 TOTAL		
		2015 Year 0	2016 Year 1	2017 Year 2	2018 Year 3	2019 Year 4	2020 Year 5	2021 Year 6	2022 Year 7	2023 Year 8	2024 Year 9	2025 Year 10	2026 Year 11	2027 Year 12	2028 Year 13	2029 Year 14		2030 Year 15	2031 Year 16
1	Program Management	\$ 560,188	\$ 570,110	\$ 288,804	\$ 350,096	\$ 202,049	\$ 205,596	\$ 327,070	\$ 337,341	\$ 347,938	\$ 358,872	\$ 176,412	\$ 181,860	\$ 186,502	\$ 191,294	\$ 196,343	\$ 201,352	\$ 206,627	\$ 4,878,355
2	GT Outreach	\$ 244,675	\$ 1,040,480	\$ 513,452	\$ 269,425	\$ 22,153	\$ 57,663	\$ 304,345	\$ 283,801	\$ 264,645	\$ 246,781	\$ 35,000	\$ 36,138	\$ 37,312	\$ 38,525	\$ 39,777	\$ 41,069	\$ 42,404	\$ 3,517,645
3	ECR Outreach	\$ -	\$ 27,387	\$ 31,234	\$ 10,876	\$ 1,135	\$ 748	\$ 75,953	\$ 93,612	\$ 115,377	\$ 142,202	\$ 10,000	\$ 10,325	\$ 10,661	\$ 11,007	\$ 11,365	\$ 11,734	\$ 12,115	\$ 575,730
4	Contact Center Operations	\$ 16,419	\$ 59,189	\$ 46,004	\$ 35,576	\$ 31,623	\$ 23,250	\$ 51,625	\$ 53,303	\$ 55,035	\$ 56,824	\$ 25,000	\$ 25,813	\$ 26,651	\$ 27,518	\$ 28,412	\$ 29,332	\$ 30,285	\$ 582,566
5	IT/Billing System	\$ 1,356,189	\$ 283,416	\$ 116,740	\$ 618,641	\$ 2,043,664	\$ 1,054,679	\$ 30,325	\$ 15,661	\$ 16,170	\$ 16,695	\$ 11,186	\$ 11,549	\$ 11,925	\$ 12,312	\$ 12,713	\$ 13,126	\$ 13,552	\$ 5,533,422
6	Energy Procurement	\$ 111,740	\$ 81,959	\$ 116,740	\$ 157,139	\$ 154,796	\$ 106,008	\$ 164,770	\$ 170,125	\$ 175,654	\$ 181,363	\$ 187,257	\$ 193,343	\$ 199,626	\$ 206,114	\$ 212,813	\$ 55,744	\$ 57,555	\$ 2,532,744
	Total Internal Admin	\$ 2,034,536	\$ 994,674	\$ 463,168	\$ 1,161,452	\$ 2,432,132	\$ 1,389,533	\$ 573,790	\$ 576,429	\$ 594,797	\$ 613,753	\$ 399,855	\$ 412,565	\$ 424,704	\$ 437,239	\$ 450,180	\$ 280,221	\$ 288,060	\$ 13,527,088
	Total Internal GT Marketing	\$ 244,675	\$ 1,040,480	\$ 513,452	\$ 269,425	\$ 22,153	\$ 57,663	\$ 304,345	\$ 283,801	\$ 264,645	\$ 246,781	\$ 35,000	\$ 36,138	\$ 37,312	\$ 38,525	\$ 39,777	\$ 41,069	\$ 42,404	\$ 3,517,645
	Total Internal ECR Marketing	\$ -	\$ 27,387	\$ 31,234	\$ 10,876	\$ 1,135	\$ 748	\$ 75,953	\$ 93,612	\$ 115,377	\$ 142,202	\$ 10,000	\$ 10,325	\$ 10,661	\$ 11,007	\$ 11,365	\$ 11,734	\$ 12,115	\$ 575,730
	Grand Total	\$ 2,279,211	\$ 2,062,541	\$ 1,007,854	\$ 1,441,753	\$ 2,455,420	\$ 1,447,944	\$ 954,088	\$ 953,842	\$ 974,818	\$ 1,002,736	\$ 444,855	\$ 459,027	\$ 472,677	\$ 486,770	\$ 501,322	\$ 333,025	\$ 342,579	\$ 17,620,462

	2018	2019	2020	2021
		Recorded		Forecast
GTSRMA Beginning Balance		\$ 5,658,587.07	\$ 6,796,507.95	\$ 7,659,226
Expenses	\$ 6,791,358.84	\$ 2,455,420.09	\$ 1,447,944.00	\$ 954,088
Revenue	\$ (1,301,968.91)	\$ (1,459,049.28)	\$ (633,208.53)	\$ (1,280,452)
Interest	\$ 169,197.14	\$ 141,550.07	\$ 47,983.07	\$ 73,328.6
Ending Balance	\$ 5,658,587.07	\$ 6,796,508	\$ 7,659,226	\$ 7,406,191

(B) Calculation of A&M Rate

The Admin Rate covers both the GT and ECR programs but there are separate Marketing rates for the two programs.

The total remaining costs through 2031 are amortized over 10 years (for 2022 forecast, from 2022 - 2031) and the total program costs from 2015-2031, less costs already recovered, are amortized over the expected sales from 2022 - 2031

Costs considered in the A&M calculations must be ALL program costs through 2031

Amortized costs are the recovered costs through revenues from previous program years. For the 2022 forecast, this includes the years 2016 - 2021.

RF&U is included in final rate.

TOTAL ADMIN AND MARKETING COST PER KWH		2021 Rates	
	A&M Allocation		A&M Allocation
<b>GT and ECR Admin</b>			
Total GTSR kWh 2022- 2031	\$ 5,936,653,232		6,423,653,467
Total GT and ECR Admin cost 2015-2031	\$ 13,527,088		13,526,240
Amortized admin costs through 2021	\$ 2,797,737		1,663,049
Unamortized admin costs	\$ 10,729,351		11,693,191
Admin cost per kWh	\$ 0.00181		\$ 0.00182
w/ RF&U	\$ 0.00183		\$ 0.00184
<b>GT Marketing</b>			
Total GT kWh 2022-2031	\$ 5,396,160,000		5,682,809,795
Total GT Marketing cost 2015-2031	\$ 3,517,645		3,584,091
Amortized GT mktg costs through 2021	\$ 1,844,325		1,701,669
Unamortized mktg costs	\$ 1,673,320		1,882,931
Marketing cost per kWh	\$ 0.00031		\$ 0.00033
w/ RF&U	\$ 0.00031		\$ 0.00033
<b>ECR Marketing</b>			
Total ECR kWh 2019-2031	\$ 540,693,232		\$ 740,843,712
Total ECR Marketing cost 2015-2038	\$ 575,730		\$ 581,982
Amortized mktg costs through 2021	\$ (2,127)		\$ (2,127)
Unamortized mktg costs	\$ 577,857		\$ 584,109,310
Marketing cost per kWh	\$ 0.00107		\$ 0.00079
w/ RF&U	\$ 0.00108		\$ 0.00080
Green Tariff A&M Rate (w/RFU)	\$ 0.00214		\$ 0.00217
Enhanced Community Renewables A&M Rate (w/RFU)	\$ 0.00291		\$ 0.00284

(C) Notes - Recovered Costs

Recovered costs were received from Corporate Accounting (Wendy Perez). See spreadsheet GTSRMA Yr2015-2018 and GTSRMA Yr 2019-2021

For 2022, we use calculate expected recovered costs (expected sales for the year \* A&M rate 2020)

	GTSRMA Amortization						Total 2021 Forecast
	2016	2017	2018	2019	2020	2021	
GT Admin	\$ 31,246	\$ 45,753	\$ 477,596	\$ 734,704	\$ 424,035	\$ 1,084,403	\$ 2,797,737
GT Marketing	\$ 93,091	\$ 150,805	\$ 470,862	\$ 724,345	\$ 209,173	\$ 196,049	\$ 1,844,325
ECR Admin	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ECR Marketing	\$ (30)	\$ (773)	\$ (1,324)	\$ -	\$ -	\$ -	\$ (2,127)
TOTAL	\$ 124,307	\$ 195,785	\$ 947,134	\$ 1,459,049	\$ 633,209	\$ 1,280,452	\$ 4,642,062

	2016	2017	2018	2019	2020 effective 1/1/2020-4/30/2020	2020 effective 5/1/2020-12/31/2020	2021
Admin cost per kWh w/ RF&U	\$ 0.00508	\$ 0.00189	\$ 0.00922	\$ 0.00922	\$ 0.00922	\$ 0.00277	\$ 0.00184
GT Mktg cost per kWh w/ RF&U	\$ 0.00092	\$ 0.00411	\$ 0.00909	\$ 0.00909	\$ 0.00909	\$ 0.00091	\$ 0.00033
ECR Mktg cost per kWh w/ RF&U	\$ 0.00092	\$ 0.00364	\$ 0.00336	\$ 0.00336	\$ 0.00336	\$ 0.00086	\$ 0.00060
GT rate	\$ 0.00600	\$ 0.00600	\$ 0.01631	\$ 0.01631	\$ 0.01631	\$ 0.00386	\$ 0.00217
ECR rate	\$ 0.00600	\$ 0.00253	\$ 0.00958	\$ 0.00958	\$ 0.00958	\$ 0.00386	\$ 0.00284
% GT Admin	84.67%	31.50%	50.35%	50.35%	50.35%	75.27%	84.79%
% GT Marketing	15.33%	68.50%	49.65%	49.65%	49.65%	24.73%	15.21%

**GTSR 20-year Sales Forecast**  
*As of November, 2021*

Annual GTSR Sales	actuals	actuals	actuals	actuals	actuals	Forecast											
Actual program year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	Sum MWh
	Year 1	Year 2	PY 3	PY 4	PY 5	PY 6	PY 7	PY 8	PY 9	PY 10	PY 11	PY 12	PY 13	PY 14	PY 15	PY 16	
For 20 yr forecast				0	1	2	3	4	5	6	7	8	9	10	11	12	
<b>GT Sales (MWh/yr)</b>	<b>21,524</b>	<b>39,341</b>	<b>52,390</b>	<b>79,248</b>	<b>81,611</b>	<b>465,120</b>	<b>539,616</b>	<b>6,135,395</b>									
<b>ECR Sales (MWh/yr)</b>	-	-	-	-	-	-	<b>13,024</b>	<b>27,741</b>	<b>42,458</b>	<b>57,175</b>	<b>66,716</b>	<b>66,716</b>	<b>66,716</b>	<b>66,716</b>	<b>66,716</b>	<b>66,716</b>	<b>540,695</b>
<b>GTSR Sales (MWh/yr)</b>	<b>21,524</b>	<b>39,341</b>	<b>52,390</b>	<b>79,248</b>	<b>81,611</b>	<b>465,120</b>	<b>552,640</b>	<b>567,357</b>	<b>582,074</b>	<b>596,791</b>	<b>606,332</b>	<b>606,332</b>	<b>606,332</b>	<b>606,332</b>	<b>606,332</b>	<b>606,332</b>	<b>6,676,090</b>

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Load	7,598,031	9,341,223	27,266,563	40,009,227	41,806,806	51,400,478	51,399,752	56,002,619	52,106,467	45,653,554	41,266,698	41,266,698	
Cumulative Load	7,598,031	16,939,254	44,205,817	84,215,044	126,021,850	177,424,348	228,824,100	284,826,719	336,933,186	382,586,740	423,853,438	465,120,136	465,120,136
Dedicated Resources	6,452,336	8,689,218	11,006,020	14,437,632	15,543,699	16,264,919	14,697,493	13,080,268	10,833,398	8,312,165	6,886,909	5,695,734	131,899,792
2020 Backstop Reversal												45,751,000	45,751,000
DAC-GT InterimPool												59,995,000	59,995,000
2022 Interim Pool												227,474,344	227,474,344
Cumulative Resource Available	6,452,336	15,141,554	26,147,574	40,585,206	56,128,905	72,393,824	87,091,317	100,171,585	111,004,983	119,317,148	126,204,058	126,204,058	465,120,136
Cumulative Resource Shortfall	-1,145,695	-1,797,700	-18,058,263	-43,629,858	-69,894,965	-105,030,524	-141,732,783	-184,655,134	-225,928,203	-263,269,592	-297,649,380	0	

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**Green Tariff Shared Renewables Balancing Account (GTSRBA)**

*\*Please note that referencing and support is only applicable for quarter-end months; please ignore referencing and other support tabs on non-quarter-months.*

Summary	Bal from Year 2020	Actuals										Forecast	Totals of YTD Activity	
		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21		Dec-21
<b>Beginning balance</b>	Principal 54,564.49	54,564.49	(122,386.64)	(661,946.80)	(3,285,516.22)	(6,648,198.01)	(9,078,316.74)	(11,066,837.37)	(12,787,642.60)	(15,645,541.57)	(17,614,815.94)	(19,984,664.42)	(23,089,446.42)	
	Interest 187,777.40	187,777.40	187,794.07	187,777.03	187,657.97	187,339.36	186,955.56	186,543.66	187,054.46	185,352.94	184,530.70	183,599.94	182,532.26	
	Total	242,341.88	65,407.42	(474,169.77)	(3,097,858.25)	(6,460,858.66)	(8,891,361.18)	(10,880,293.71)	(12,601,588.14)	(15,460,188.63)	(17,430,285.25)	(19,801,064.49)	(22,906,914.16)	
<b>Debit - Expenses</b>														
5.A.3 Solar generation exp (interim pool)		E.1.1	E.2.1	E.3.1	E.4.1	E.5.1	E.5.1							
5.A.4 Solar generation exp (dedicated pool)														
5.A.5 Program Charge (E-GT)		E.1	E.2	E.3	E.4	E.5	E.6							
Program Charge - Prior Period Exp Adj (RA True-up)														
Program Charge (E-ECR)														
Total		747,399.23	1,100,232.16	2,961,888.04	3,736,834.55	3,066,846.51	2,692,213.12	2,688,210.78	3,379,909.15	2,397,442.39	2,293,161.90	2,569,010.33	23,219,689.98	50,852,838.14
<b>(Credit) - Revenues</b>														
5.A.1 & 5.A.2 E-GT Solar Charge Rev		(924,350.36)	(1,639,792.32)	(5,585,457.46)	(7,099,516.34)	(5,496,965.24)	(4,680,733.75)	(4,409,016.01)	(6,237,808.12)	(4,366,716.76)	(4,663,010.38)	(5,673,792.33)	(2,614,287.79)	(53,391,446.86)
E-GT Program Charge Rev													(1,894,606.92)	(1,894,606.92)
Unbilled														
E-ECR Program Charge Rev														
Total		(924,350.36)	(1,639,792.32)	(5,585,457.46)	(7,099,516.34)	(5,496,965.24)	(4,680,733.75)	(4,409,016.01)	(6,237,808.12)	(4,366,716.76)	(4,663,010.38)	(5,673,792.33)	(4,508,894.71)	(55,286,053.78)
5.A.6 <b>Current interest</b>		16.67	(17.03)	(119.06)	(318.61)	(383.80)	(411.90)	(489.20)	(701.53)	(822.24)	(930.76)	(1,067.67)	(677.58)	(5,922.71)
<b>Annual True-Up Entries</b>														
5.A.7 Interim Pool True-Up													\$ 3,284,413.08	3,284,413.08
5.A.8 Program Charge True-Up													363,686.52	363,686.52
GTSR Backstop entry - GTSR														
dedicated resources transfer over-														
delivery from GTSRBA to ERRR														
6.A.														
<b>Prior period expense adj.</b>														
<b>Prior period interest adj.</b>														
<b>Other principal adj./tsfr.</b>														
<b>Other interest adj./tsfr.</b>														
<b>Total current month activity:</b>	Principal -	(176,951.13)	(539,560.16)	(2,623,569.42)	(3,362,681.79)	(2,430,118.73)	(1,988,520.63)	(1,720,805.23)	(2,857,898.97)	(1,969,274.37)	(2,369,848.48)	(3,104,782.00)	22,358,894.87	(785,116.04)
	Interest -	16.67	(17.03)	(119.06)	(318.61)	(383.80)	(411.90)	(489.20)	(701.53)	(822.24)	(930.76)	(1,067.67)	(677.58)	(5,922.71)
	Total -	(176,934.46)	(539,577.19)	(2,623,688.48)	(3,363,000.40)	(2,430,502.53)	(1,988,932.53)	(1,721,294.43)	(2,858,600.50)	(1,970,096.61)	(2,370,779.24)	(3,105,849.67)	22,358,217.30	(791,038.75)
<b>Ending balance</b>	Principal	(122,386.64)	(661,946.80)	(3,285,516.22)	(6,648,198.01)	(9,078,316.74)	(11,066,837.37)	(12,787,642.60)	(15,645,541.57)	(17,614,815.94)	(19,984,664.42)	(23,089,446.42)	(730,551.55)	(730,551.55)
	Interest	187,794.07	187,777.03	187,657.97	187,339.36	186,955.56	186,543.66	186,054.46	185,352.94	184,530.70	183,599.94	182,532.26	181,854.69	181,854.69
	Total	65,407.42	(474,169.77)	(3,097,858.25)	(6,460,858.66)	(8,891,361.18)	(10,880,293.71)	(12,601,588.14)	(15,460,188.63)	(17,430,285.25)	(19,801,064.49)	(22,906,914.16)	(548,696.86)	(548,696.86)
<b>Interest Rate</b>		D 0.13%	0.10%	0.08%	0.08%	0.06%	0.05%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	

Notes:

Revenue Class	Rate Schedule	ACTUALS																								Forecast		Total	
		January		February		March		April		May		June		July		August		September		October		November		December		2021			
		Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH	Solar Gen Revenue	KWH		
EAG	AGA							60	1,247	22	363	13	197	15	225	12	188	13	197	14	216	17	239	17	239	203	3,161		
	AGB																			14	2,281								
	AGC			8,005	132,629	4,058	63,344	4,151	64,750	4,292	68,995	4,969	71,309	2,029	30,470	4,204	65,608	1,915	29,889	2,720	42,446	3,780	58,950	3,780	58,950	44,061	694,400		
	AGA	7	107																								22	338	
	AGD	273	4,254																									273	4,254
Revenue Class	Total EAG	4,337	70,711	8,005	132,629	4,073	63,375	4,231	66,037	4,316	67,358	4,981	71,506	2,044	30,705	4,216	65,796	1,928	30,088	2,880	44,942	3,908	60,997	3,908	60,997	49,626	774,339		
	ENTDPT	A1	6,886	104,220	6,015	93,878	6,259	97,684	495	7,722	219	3,413	218	3,401	4	67	5	75	(29)	(448)	9	133	12	195	12	195	19,905	316,537	
	A1S	29,694	399,383	16,802	253,460	25,424	368,391	27,716	42,289	15,949	(24,107)																71,961	1,106,874	
	A1SSX	3,613	66,300	3,374	68,906	3,338	55,227	243	3,800	264	4,442			664	10,360	333	5,200	295	4,800			728	11,360	728	11,360	19,261	220,801		
	A1X	1,911	29,788	2,048	31,969	1,833	26,429					157	2,464														6,809	96,630	
Revenue Class	Total ENTDP	4,337	70,711	8,005	132,629	4,073	63,375	4,231	66,037	4,316	67,358	4,981	71,506	2,044	30,705	4,216	65,796	1,928	30,088	2,880	44,942	3,908	60,997	3,908	60,997	49,626	774,339		
	ELC	B0P	19,678	307,137	19,151	302,029	42,472	602,800	42,481	603,340	80,705	1,401,520	67,595	1,033,616	43,264	661,620	57,708	809,761	57,708	809,761	57,708	809,761	57,708	809,761	57,708	809,761	437,818	7,318,273	
	B0S	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	125,789	1,823,197	830,697	12,964,051
	E0P	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	54,246	846,648	171,385	2,674,286
	E0S	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	19,804	305,981	92,738	791,915
Revenue Class	Total ELC	32,308	513,446	32,346	504,823	117,548	1,834,682	177,887	2,776,448	148,011	2,325,761	188,135	2,936,336	135,702	2,118,011	183,375	2,862,112	159,610	2,491,176	123,714	1,930,916	112,691	1,758,867	112,691	1,758,867	1,528,648	23,811,525		
	ELIGHT	TC1	191	2,873	175	2,734	192	2,997	199	3,113	184	2,875	190	2,959	199	3,110	189	2,952	194	3,028	197	3,075	190	2,968	190	2,968	2,291	35,732	
	Total ELIGHT	191	2,873	175	2,734	192	2,997	199	3,113	184	2,875	190	2,959	199	3,110	189	2,952	194	3,028	197	3,075	190	2,968	190	2,968	2,291	35,732		
	EMC	A1	4,046	63,089	9,705	151,471	14,001	218,320	8,313	129,796	9,113	142,227	10,702	167,042	12,155	189,721	11,566	186,611	3,803	59,349	7,909	123,446	7,240	112,999	7,240	112,999	106,183	1,657,229	
	A1S	3,201	51,471	6,582	93,383	9,784	152,794	10,182	158,022	7,038	122,320	8,871	133,771	8,834	134,763	7,105	110,800	7,382	114,705	7,001	109,274	8,691	134,090	8,691	134,090	80,822	1,403,423		
A1SSX	77,983	1,216,316	126,661	1,974,748	278,534	4,314,124	8,205	128,063	8,756	138,663	9,810	153,112	10,388	161,823	7,620	118,331	7,956	124,180	7,183	111,593	5,694	87,312	5,694	87,312	552,234	8,614,368			
A1X	3,667	57,193	6,002	107,722	11,331	173,731	446	6,960	447	6,962	561	8,736	610	9,526	643	10,231	531	8,286	308	4,654	403	6,063	403	6,063	26,199	408,886			
B1	489	7,813	2,659	41,493	7,261	123,680	36,006	601,979	32,079	515,946	38,976	623,946	38,307	607,888	43,862	683,668	38,384	599,064	33,990	514,903	28,418	443,547	28,418	443,547	320,615	5,103,386			
B1P	661	10,324	7,321	114,268	11,309	189,369	7,135	111,369	10,205	163,788	11,099	176,856	12,155	189,721	11,566	186,611	3,803	59,349	7,909	123,446	7,240	112,999	7,240	112,999	106,183	1,657,229			
B1S	77,246	1,204,315	97,362	1,524,695	147,722	2,355,034	402,958	7,229,809	484,127	7,887,379	636,861	9,923,553	615,779	9,111,029	603,075	9,338,066	615,475	8,668,735	546,005	8,332,138	444,341	6,935,242	444,341	6,935,242	5,210,123	81,332,889			
B1P	43,551	727,945	65,020	828,747	61,627	960,770	71,900	1,122,362	68,881	1,076,066	62,648	975,810	65,610	967,963	65,166	910,165	65,166	910,165	65,166	910,165	65,166	910,165	65,166	910,165	65,166	910,165	645,778	8,405,027	
B1S	1,295	20,181	38,223	596,541	77,437	1,208,632	1,224,062	19,165,067	1,381,332	21,718,910	1,698,233	26,565,888	1,623,135	25,333,774	1,789,070	27,023,682	1,666,791	25,858,464	1,500,315	23,432,406	1,427,808	22,285,121	1,427,808	22,285,121	13,868,468	216,277,877			
E1P	12,468	194,091	11,577	189,889	35,289	550,475	151,165	2,338,378	150,530	2,396,205	159,526	2,489,866	145,516	2,318,061	166,630	2,600,765	141,425	2,201,361	127,333	1,967,307	127,333	1,967,307	127,333	1,967,307	520,524	8,174,784			
E1S	63,312	988,084	64,455	1,005,680	660,719	9,313,401	173,095	2,711,014	13,104	204,528	7,714	120,405	8,681	133,902			16,633	250,244	8,095	126,352	6,946	108,418	6,946	108,418	1,673,516	26,119,140			
Revenue Class	Total EMC	243,856	3,802,363	364,084	5,678,414	1,241,243	19,373,225	1,980,709	30,914,787	2,130,716	33,298,049	2,642,764	41,247,319	2,878,930	40,220,540	2,772,369	43,270,947	2,611,620	40,781,981	2,338,035	36,468,638	2,128,326	33,187,636	2,128,326	33,187,636	2,212,978	36,181,305		
	ERES	E1	57,388	894,731	49,383	785,141	63,528	991,569	60,146	938,765	62,838	980,765	103,196	1,610,698	142,311	2,221,210	144,568	2,412,347	130,426	2,038,883	88,928	1,387,961	65,513	1,014,734	65,513	1,014,734	1,043,328	16,293,368	
	E6	1,688	26,319	1,324	20,666	1,802	25,000	1,884	24,718	1,840	24,718	2,265	35,356	2,442	37,121	2,418	37,121	3,758	58,663	2,324	35,862	2,470	38,862	2,470	38,862	26,395	411,950		
	ETOCB	20,053	312,824	16,882	260,389	18,640	304,976	17,076	266,617	17,817	275,402	22,727	354,726	24,162	377,523	24,346	378,886	23,118	360,827	16,830	259,564	14,311	204,889	14,311	204,889	234,311	3,668,772		
	ETOCB	19,128	298,236	18,028	281,329	23,448	360,980	22,857	350,640	19,879	310,128	20,568	338,077	38,366	507,800	41,007	601,442	33,072	547,424	28,103	438,629	27,022	421,756	27,022	421,756	328,978	5,088,987		
ETODD	14,489	226,075	14,198	221,608	23,319	332,746	23,849	350,804	43,441	630,879	43,441	630,879	61,822	966,472	81,616	1,273,881	71,831	1,121,156	53,201	800,307	43,301	675,851	43,301	675,851	497,852	7,740,730			
E0A	13,780	214,036	12,327	192,305	14,198	221,612	14,434	220,285	14,102	220,115	18,129	282,949	20,780	324,321	22,419	349,924	22,391	348,471	17,203	268,039	15,371	243,034	15,371	243,034	200,906	3,136,400			
E0B	18	275	10	164	18	279	18	279	23	364	18	279	19	287	18	275	21	409	33	506	26	386	26	386	26	386	364	4,126	
Revenue Class	Total ERES	126,554	1,973,086	112,540	1,750,617	142,855	2,242,181	159,814	2,179,095	141,381	2,098,377	217,843	3,400,906	288,001	4,495,100	326,281	5,092,604	286,628	4,473,682	206,632	3,225,081	169,730	2,649,212	169,730	2,649,212	2,328,584	36,342,363		
	ESCI	A1	22	349	4,420	68,383	27,730	432,818	20,761	324,029	23,076	360,711	26,751	401,913	25,438	397,055	25,089	391,592	23,885	372,799	22,885	348,492	22,385	348,492	22,385	348,492	241,717	3,803,925	
	A1X	5,282	84,110	8,247	128,712	105,240	1,609,727	1,020	16,027	1,637	25,343	2,777	43,230	3,007	44,949	2,340	35,006	1,990	29,251	1,463	22,620	1,391	21,106	1,391	21,106	150,088	2,148,306		
	A6																												

Month	MW	MW Growth	Days/mo	Hrs/Mo	Calculated Mwh/month	Actual MWh	Actual Avg. Capacity Factor	Residential Load Actuals (kWh)
Jan-20	33.7		31	744	7,019	7,241	0.28	
Feb-20	33.7	(0.0)	29	696	6,558	5,862		
Mar-20	32.1	(1.6)	31	744	6,685	5,720		
Apr-20	31.8	(0.3)	30	720	6,407	5,847		
May-20	31.9	0.1	31	744	6,647	5,255		
Jun-20	31.3	(0.6)	30	720	6,318	7,046		
Jul-20	32.1	0.7	31	744	6,677	8,491		
Aug-20	32.5	0.4	31	744	6,770	7,778		
Sep-20	33.0	0.5	30	720	6,647	8,158		
Oct-20	34.0	1.1	31	744	7,088	6,827		
Nov-20	35.4	1.3	30	720	7,130	6,204		
Dec-20	42.9	7.5	31	744	8,938	7,181		
Jan-21	58.2	15.3	31	744	12,115	7,598		
Feb-21	135.7	77.5	28	672	25,533	9,341		1,973,096
Mar-21	216.1	80.4	31	744	45,018	27,267		9.47
Apr-21	225.7	11.9	30	720	45,501	40,009		9.34
May-21	227.7	2.0	31	744	47,434	41,809		10.76
Jun-21	226.9	(0.8)	30	720	45,743	51,400		10.81
Jul-21	227.9	1.0	31	744	47,476	51,400		10.18
Aug-21	227.5	(0.4)	31	744	47,393	56,003		10.59
Sep-21	226.4	(1.1)	30	720	45,642	52,106		10.76
Oct-21	224.1	(2.3)	31	744	46,685	45,654		10.81
Nov-21	220.2	(3.9)	30	720	44,392	41,267		10.76
Dec-21	220.0	(0.2)	31	744	45,830	41,267	Forecast	10.81
Jan-22	220.0	-	31	744	45,830		Forecast	10.76
Feb-22	220.0	-	28	672	41,395		Forecast	10.76
Mar-22	220.0	-	31	744	45,830		Forecast	10.76
Apr-22	220.0	-	30	720	44,352		Forecast	10.76
May-22	220.0	-	31	744	45,830		Forecast	10.76
Jun-22	220.0	-	30	720	44,352		Forecast	10.76
Jul-22	220.0	-	31	744	45,830		Forecast	10.76
Aug-22	220.0	-	31	744	45,830		Forecast	10.76
Sep-22	220.0	-	30	720	44,352		Forecast	10.76
Oct-22	220.0	-	31	744	45,830		Forecast	10.76
Nov-22	220.0	-	30	720	44,352		Forecast	10.76
Dec-22	220.0	-	31	744	45,830		Forecast	10.76
<b>Total (2021)</b>					<b>465,120</b>			
<b>Total (2022)</b>					<b>539,616</b>			

Effective Res MW	Effective Total MW
9.47	36.5
9.34	49.6
10.76	130.9
10.81	198.5
10.59	200.7
16.87	255.0
21.58	246.7
24.45	268.8
22.19	258.5
15.48	219.2
13.14	204.7
12.72	198.1

Notes:	MW	Residential Cap	Non-Residential
Res growth post-April set to zero due to suspended enrollment	0		225.70
Absolute Nonres Cap	222.24		
Effective Nonres Cap w/ 5MW buffer	217.24		
Absolute Overall Cap	266.69	44.45	
Effective Overall Cap w/ 5MW buffer	261.69	44.45	
Nonres cap reached in April - res growth only afterwards			
Capacity Factor = .28 (actual avg 2020 performance)			
All month's subscribers assumed at day one of month, which overestimates MWh			
Res growth was .5 MW in Jan, 1.1 MW in Feb, 1.8 in March, .9 in April, 1.5 in May			

True-up Entry RA Charge  
 November Update

	2021													
	January	February	March	April	May	June	July	August	September	October	November	December	Total	
GTSRBA Subscription Usage	(kWh)	7,598,031	9,341,223	27,266,583	40,009,227	41,808,806	51,400,478	51,399,752	56,002,619	52,106,467	45,653,554	41,266,698	41,266,698	465,120,136
2021 Tariffed RA Charge	(\$/kWh)	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	0.01060	
RA Charge - 2020 Final RA Charge	(\$/kWh)	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	0.01139	
Change in RA Charge	(\$/kWh)	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	0.00078	
True-up Entry - RA Charge	(\$s)	5,941.05	7,304.08	21,320.27	31,284.00	32,691.12	40,191.04	40,190.47	43,789.54	40,743.06	35,697.41	32,267.24	32,267.24	363,686.5
= Change in RA Charge x subscription usage														

2021 Forecast Adders				
		PG&E	SDG&E	SCE
Energy Index <sup>11</sup> (\$/MWh)	On Peak	\$43.16	\$44.43	\$44.43
	Off Peak	\$35.50	\$34.34	\$34.34
RA Adder (\$/kW-month)	System RA	\$6.10		
	Local RA	\$6.15	\$6.37	\$5.59
	Flexible RA	\$5.69		
RPS Adder (\$/MWh)	\$14.49			

2021 Final Adders				
		PG&E	SCE	SDG&E
RA Adder	System RA	\$7.33		
	Local RA	\$6.31	\$6.46	\$5.93
	Flexible RA	\$5.39		
RPS Adder	\$14.23			

	Forecast	Final
Vintage Billing Determinants	70,034,185	70,034,185
System Value (\$1000s)		
Local Value (\$1000s)		
Flex Value (\$1000)		
PCIA-eligible RA Value (\$1000s)	\$ 742,631.19	\$ 797,392.29
RA Value - Bundled Customers	10.604 \$/MWh	\$ 11.386 \$/MWh

Calculation of Retained RA Factor									
	Vintages	System		Local		Flex		Total	
		NQC	Alloc Factor	NQC	Alloc Factor	NQC	Alloc Factor		
PCIA	UOG Legacy		81.11%		34.99%	370.74	26.79%		48.97%
PCIA	2009		9.25%		55.84%	1,013.24	73.21%		42.95%
PCIA	2010		3.44%		1.93%	-	0.00%		2.16%
PCIA	2011		1.65%		3.93%	-	0.00%		2.65%
PCIA	2012		2.49%		1.35%	-	0.00%		1.54%
PCIA	2013		1.39%		0.16%	-	0.00%		0.54%
PCIA	2014		0.09%		0.06%	-	0.00%		0.06%
PCIA	2015		0.07%		0.23%	-	0.00%		0.14%
PCIA	2016		0.48%		0.00%	-	0.00%		0.16%
PCIA	2017		0.02%		0.01%	-	0.00%		0.01%
PCIA	2018		0.00%		1.51%	-	0.00%		0.81%
PCIA	2019		0.00%		0.00%	-	0.00%		0.00%
PCIA	2020		0.00%		0.00%	-	0.00%		0.00%
	MW-Month		100.00%		100.00%	1,383.99	100.00%		100.00%

**PG&E Gas and Electric  
Advice Submittal List  
General Order 96-B, Section IV**

AT&T  
Albion Power Company

Alta Power Group, LLC  
Anderson & Poole

Atlas ReFuel  
BART

Barkovich & Yap, Inc.  
Braun Blasing Smith Wynne, P.C.  
California Cotton Ginners & Growers Assn  
California Energy Commission

California Hub for Energy Efficiency  
Financing

California Alternative Energy and  
Advanced Transportation Financing  
Authority  
California Public Utilities Commission  
Calpine

Cameron-Daniel, P.C.  
Casner, Steve  
Center for Biological Diversity

Chevron Pipeline and Power  
City of Palo Alto

City of San Jose  
Clean Power Research  
Coast Economic Consulting  
Commercial Energy  
Crossborder Energy  
Crown Road Energy, LLC  
Davis Wright Tremaine LLP  
Day Carter Murphy

Dept of General Services  
Don Pickett & Associates, Inc.  
Douglass & Liddell

East Bay Community Energy Ellison  
Schneider & Harris LLP  
Engineers and Scientists of California

GenOn Energy, Inc.  
Goodin, MacBride, Squeri, Schlotz &  
Ritchie  
Green Power Institute  
Hanna & Morton  
ICF  
International Power Technology

Intertie

Intestate Gas Services, Inc.  
Kelly Group  
Ken Bohn Consulting  
Keyes & Fox LLP  
Leviton Manufacturing Co., Inc.

Los Angeles County Integrated  
Waste Management Task Force  
MRW & Associates  
Manatt Phelps Phillips  
Marin Energy Authority  
McClintock IP  
McKenzie & Associates

Modesto Irrigation District  
NLine Energy, Inc.  
NRG Solar

OnGrid Solar  
Pacific Gas and Electric Company  
Peninsula Clean Energy

Pioneer Community Energy

Public Advocates Office

Redwood Coast Energy Authority  
Regulatory & Cogeneration Service, Inc.  
SCD Energy Solutions  
San Diego Gas & Electric Company

SPURR  
San Francisco Water Power and Sewer  
Sempra Utilities

Sierra Telephone Company, Inc.  
Southern California Edison Company  
Southern California Gas Company  
Spark Energy  
Sun Light & Power  
Sunshine Design  
Tecogen, Inc.  
TerraVerde Renewable Partners  
Tiger Natural Gas, Inc.

TransCanada  
Utility Cost Management  
Utility Power Solutions  
Uplight  
Water and Energy Consulting Wellhead  
Electric Company  
Western Manufactured Housing  
Communities Association (WMA)  
Yep Energy